Price list at www.behnke-online.de/uvp

Telecom Behnke

Elegant design, ingenious functionality









BEHNKE DOOR INTERCOMS

Version 8.6 with RRP prices

GERMANY

The personal connection with our customers matters to us. Our qualified Behnke team can be reached under the info hotline during business hours. Our technical support hotline is staffed 24 hours a day.

Contact

Info-Hotline
Detailed information on products, projects and our services:
Tel. +49 (0) 68 41 / 81 77-700
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24h Service-Hotline
Need technical help? We are here for you 24/7. We advise you on all technical questions and help you get started:
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Gewerbepark „An der Autobahn“
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In addition to its own branch in France (Télécom Behnke SARL in Forbach), Telecom Behnke GmbH is represented in numerous European countries by partner companies.

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Europe (sales partners)

Contact details
www.behnke-online.de/eu

Behnke in Europe



○ Behnke Group ○ Behnke S.A.R.L. (France / Luxembourg) ● European sales partners



Online Configurator

The online configurator helps you put together quotations for Series 20 door intercoms quickly and easily.
www.behnke-online.de/konfigurator

Technology Partners

You can find our technology partners in the fields of phone system manufacturing, access control, VoIP & providers, and building & security at
www.behnke-online.de/technologiepartner



BEHNKE DOOR INTERCOMS



DOOR INTERCOMS



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Key to symbols

Volume classes of the door intercoms

- Class 1 = for use in quiet environments
- Class 2 = for use in regular environments
- Class 3 = for use in noisy environments
- Class 4 = for use in very noisy environments
- Class 5 = for use in extremely noisy environments

Connection types

- = Hybrid door intercom
- = SIP door intercom
- = Power over Ethernet (POE)
- = a/b door intercom
- = Mains adapter required (SNT)

Individualisierung

- = RAL powder coating optional (RAL)
- = DB powder coating optional (DB)

WELCOME

As one of the leading manufacturers of high-quality door, industrial, emergency and lift emergency telephones, Telecom Behnke GmbH has made a name for itself in Germany and Central Europe over the past decades – and the development of our products continues.

With the hybrid Behnke-Station (Series 20 and 50), Behnke offers fundamentally new intercom units with many great features and simplifications. The BS electronics stand out both for their intuitive set-up via the web interface and for the flexible choice of the operating mode currently required. Your intercom unit can be operated as a SIP, a/b or stand-alone intercom system. If needed, operating modes can even be mixed within a single Behnke intercom unit (e.g. call button 1 = IP, call button 2 = a/b). With the Behnke-Station, there is no longer any need to replace the electronics when the operating mode changes.

"We are delighted to present our new catalogue with many new products. It is closely linked to our online configurator – simply use your smartphone, tablet or PC to open the QR codes and hyperlinks printed in this catalogue!"

Your Behnke Team



Company building in Kirkel



Ralf Michels
Managing Director



Christoph Rudig
Managing Director

BEHNKE GROUP

The Behnke Group is a family business with a tradition of more than 50 years and a specialist in telecommunications solutions for door, industrial, emergency and lift emergency applications.The group combines the development, manufacture and sale of door, industrial and emergency phones as well as lift emergency telephones under one roof.

Telefonbau Behnke GmbH is the manufacturer of these components. The high-quality materials needed for production (such as metal) are mainly sourced by Telefonbau Behnke GmbH from regional partner companies. Those who produce and inspect as much as possible themselves can guarantee good quality – which is why almost all Behnke products are made in our own production facility by highly qualified staff.

Telecom Behnke GmbH sells the door, emergency and lift emergency telephones manufactured by Telefonbau Behnke GmbH throughout Europe. Personal, service-oriented support from the staff of the Behnke group guarantees fast and professional solutions.

In addition to lift emergency call hardware, **Notrufzentrale Behnke GmbH** offers services relating to emergency call monitoring, making it a reliable partner and adviser, especially for small and medium-sized lift installers wishing to implement their own lift monitoring. Depending on requirements, monitoring of the connections can be taken over by Notruf-zentrale Behnke GmbH up to 24 hours a day, 365 days a year. Naturally, Notrufzentrale Behnke GmbH also operates redundant emergency control stations that take over if the main control centre fails. Around 20,000 emergency call de-vices in lifts are currently monitored and supported by Notrufzentrale Behnke GmbH.

Behnke Service GmbH is the group's own marketing company and supports the Europe-wide sales of Behnke products.

Milestones

1976 Rolf Behnke (master telecommunications technician) founds Telefonbau Behnke GmbH in Saarbrücken.

1988 Nationwide sales of door and special telephones.

1997 Notrufzentrale Behnke GmbH is founded and sells lift emergency call components and services.

2001 Telecom Behnke GmbH is founded as a B2B sales company. Telefonbau Behnke GmbH develops and manufactures door, emergency and lift emergency telephones. New facility and relocation to Kirkel near Homburg (Saarland). Awarded the “Green House Number” by the Saarland Ministry for the Environment.

2005 Behnke Service GmbH is founded as a European marketing company.

2007 Télécom Behnke S.A.R.L. is founded in Forbach (France).

2009 Launch of the Premium Partner concept: certification of trained specialist companies.

2012 Relaunch of Notrufzentrale Behnke GmbH.

2013 Sven Behnke takes over management of the Behnke Group. Successful market launch of the second generation of Behnke SIP intercom units, “Behnke IP 2.0”.

2015-2020 Further development of the IP products, particularly in the field of security.

2020 Relocation of the emergency call centre. The new premises allow a higher security standard, including for the redundant control centre.

2021 Telecom Behnke GmbH receives the Creditreform credit rating certificate “CrefoZert” for the first time.

2023 Ralf Michels and Christoph Rudig join Sven Behnke as new members of the management board.

2024 Market launch of the hybrid Behnke-Station (BS).

What is a Behnke intercom unit?

SIP, a/b or hybrid Behnke intercom units with hands-free function are used, for example, at doors, gates, roller shutters, entrances, turnstiles and barriers, as well as industrial, clean-room or emergency phones. Thanks to their high-quality metal construction, they are durable, robust quality products. Depending on the design, they are suitable for upmarket private homes, the industrial sector, public spaces and prestigious entrance areas.



Private & small businesses *Industrial standard (modular)*

Most models can be installed in flush-mounted or on-wall housings, as well as in stainless steel columns (optionally with letterboxes).



Flush-mounted, surface-mounted or in stainless steel columns

With the Behnke “modular system” of Series 20 and 50, you put together the functionality you need yourself. For an extra charge, individual components (such as front panels, modules, housings and frames) can be powder-coated in selected RAL or DB colours. Nameplates and
blank modules can be engraved with house numbers and logos.

Depending on the model, the electronics are available as a/b, SIP or hybrid versions. You can find out more about the connection types on the following pages.

What are bespoke products?

Individual ideas, fittings and dimensions can usually be realised as bespoke products. For example, front panels can be made to measure, and components supplied on site, such as switches and inserts from third-party products, can be integrated into Behnke door intercoms.

Small series for special applications can also be planned. For bespoke products, technical feasibility must always be checked in advance.



Bespoke products

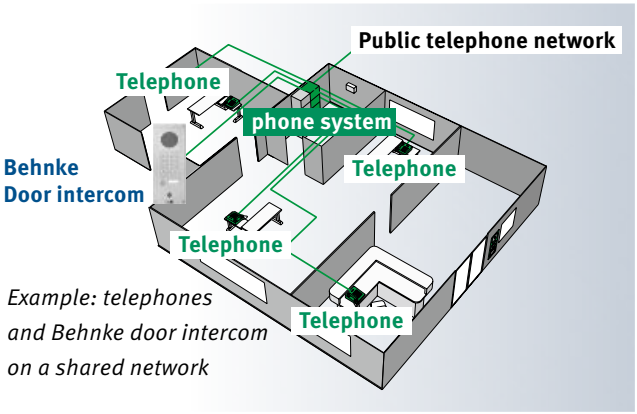
Pillars, pylons and letterbox systems
Behnke pillars and pylons are available as predefined base units ready for customisation. All functions of the Behnke “modular system” can be integrated into them. Illuminated canopies, back-printed acrylic panels and backlit engraved lettering create countless design options. Behnke pylons can be fitted with letterboxes. Letterbox systems from well-known manufacturers can also be equipped with Behnke technology. We would be delighted to advise you on the various options.



Pillars *Pylons* *Letterbox systems*

Which connection technology is required?

Whether a/b, SIP or hybrid, a shared infrastructure is the prerequisite for operating Behnke door intercoms. This means that, for example, company premises, commercial or administrative buildings with a shared network are particularly well suited to Behnke door intercoms. Every Behnke door intercom is a fully fledged telephone extension of the respective phone system and, provided the infrastructure is connected to the public network, can also be reached and configured externally.



Example: telephones and Behnke door intercom on a shared network

In addition, the Behnke-Station can also be operated as a stand-alone intercom system. No central phone system is required for this.

Where can the door call be answered?

Visitors can be let in conveniently using a key combination on existing desk telephones inside the building. For intercom units with an IP camera, PCs with Behnke IP video software and compatible videophones from well-known manufacturers can be used in addition to the Behnke indoor station.



Behnke indoor station

Conclusion

Use existing networks and reduce purchasing costs

- An IP network and the phone system cabling are usually already in place. Behnke door intercoms often only need to be connected and programmed.
- Existing desk telephones and PCs can be used.

Which series for which entrance?

Series 5 and 15 – for private homes and small businesses
Series 5 and 15 with a continues one-piece front panel are suitable for
applications in private homes and small businesses. They have 1–2 call buttons.

- Series 5 (a/b) from „Series 5
- Series 15 (SIP)



Example: combining functions, Series 20

Series 20 and 50 – for industrial, office and commercial buildings
Both series have a modular design. The functions can be combined in the Behnke “modular system”. Extend your Behnke intercom unit with various functions such as cameras, keypads (code lock), key switches, card reader panels (for integrating a wide range of access control system manufacturers), fingerprint readers, emergency button behind glass and much more! Series 20 Intercoms can be put together using the Behnke online configurator.

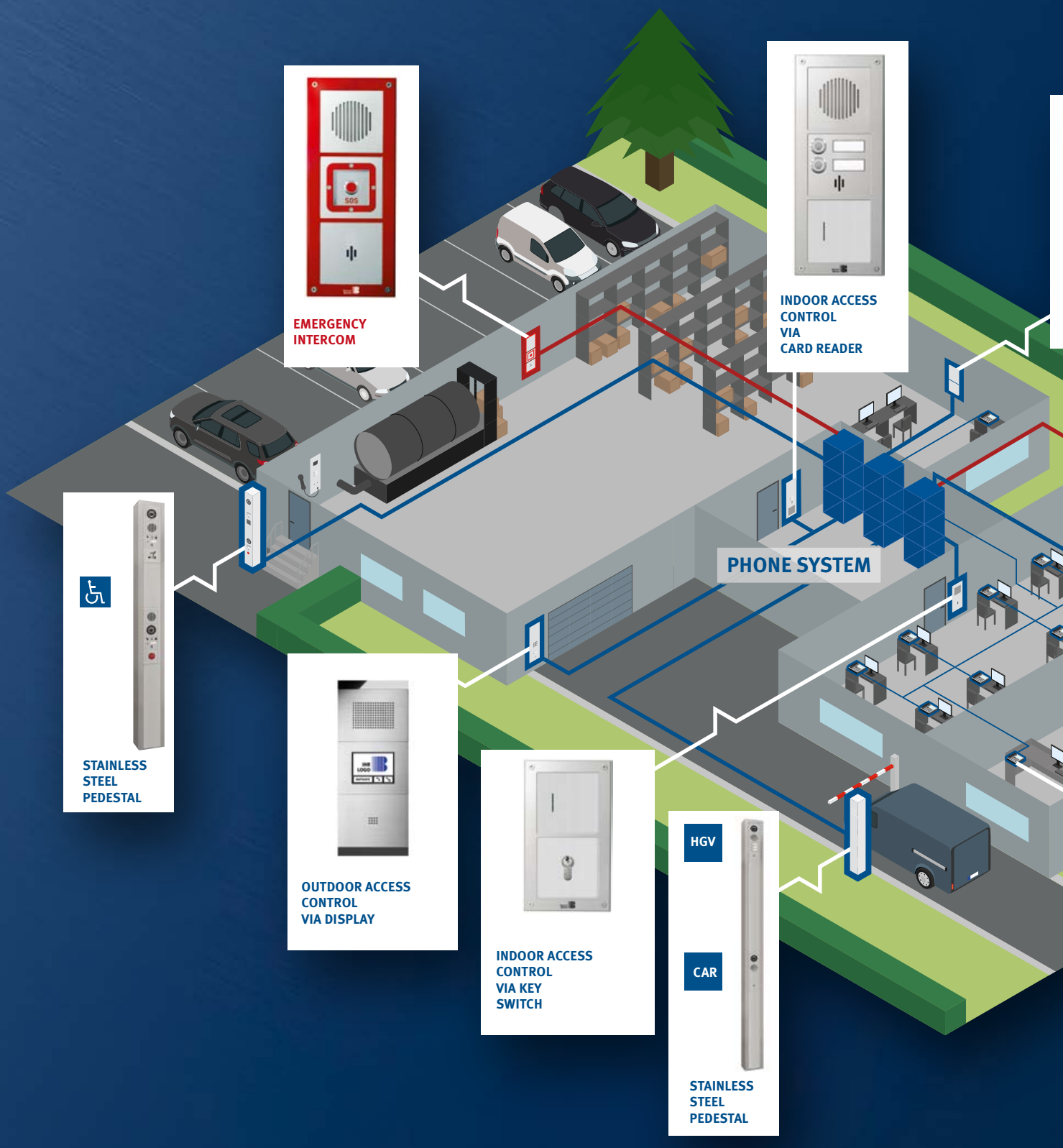
The modularity of the intercom units gives you flexibility for years to come. If your on-site requirements change, the intercom unit stays in place and only the individual functional module is replaced (e.g. 1 call button › 3 call buttons).

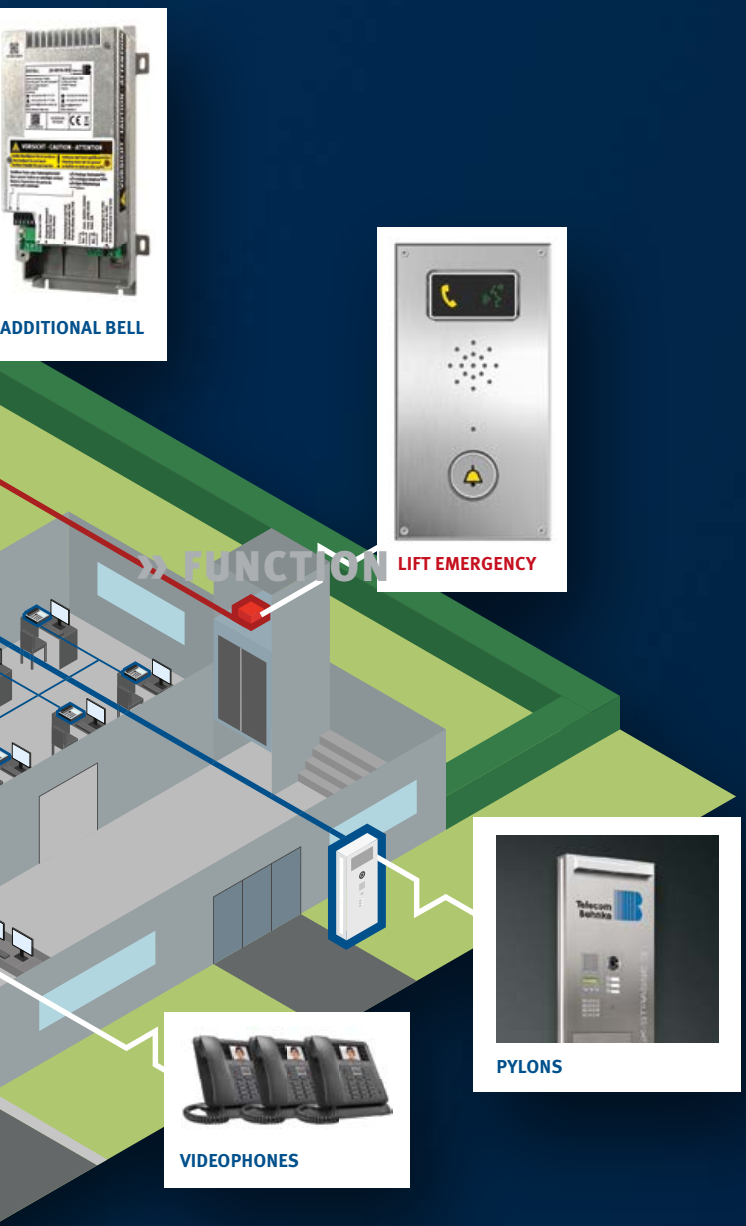
- Series 20 (hybrid or a/b only)
- Series 50 (hybrid or a/b only)

Compact series – with a one-piece front panel
The new, easy-to-install and robust Compact series are available in sizes 2 and 3. The large intercom unit has a slot for a card reader.

- Compact series (hybrid)

Combine the modules and functions of Series 20 with the Behnke online configurator:
www.behnke-online.de/konfigurator


EMERGENCY INTERCOM
INDOOR ACCESS CONTROL VIA CARD READER
PHONE SYSTEM
STAINLESS STEEL PEDESTAL
OUTDOOR ACCESS CONTROL VIA DISPLAY
INDOOR ACCESS CONTROL VIA KEY SWITCH
HGV
CAR
STAINLESS STEEL PEDESTAL



At and in buildings

Clear communication is the number one success factor. Intelligent solutions at and in buildings open up additional potential beyond door communication for optimising building communication, such as voice announcements, text displays, stored phone book entries and much more.

Whether the car park, the warehouse, the staff entrance or the lift – Behnke intercom units are used in many places (door intercoms, industrial phones, emergency phones or lift emergency telephones). They use the existing on-site infrastructure and contribute to networking within the building. The video access function allows visitors to be identified visually. In sensitive areas with high security requirements, function extensions such as fingerprint readers, code locks or card readers are used inside the building, in the entrance area and on the surrounding grounds. This ensures that only authorised persons are granted access.

Securing outdoor areas and underground car parks

Comprehensive system solutions protect the premises against unauthorised access at entrances, gates, barriers and personnel separation systems. Barrier systems control entry and exit and prevent unauthorised parking, while full-height turnstiles ensure reliable and secure access to the building. On company and factory premises in particular, it is important for safety reasons that visitors cannot drive onto or enter the site unannounced. Intercom Units ensure, that only authorised or registered visitors, employees and external contractors gain access.

For vehicle and access control, Behnke intercom units are installed, for example, in barrier terminals, Behnke columns, pillars or pylons. To increase security, cameras and access control functional modules are integrated into the intercom units.

Behnke-Station (BS) in industrial standard

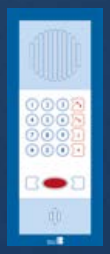
The Behnke-Station (BS) is the successor to the Behnke Telephone (BT). This applies primarily to Series 20, 40, 50, Compact, Clean Room, pillars and pylons, as well as the Behnke letterbox with integrated door intercom.


Series 20


Series 40


Series 50


Compact


Clean Room


Pillars & pylons


Letterboxes

The added value lies in the hybrid BS electronics built into the intercom units. The Behnke-Station electronics can provide various operating modes individually or in combination:



Operating modes “on board”

- a/b (analogue)
- IP (SIP)
- Intercom system

Advantages of the Behnke-Station (BS)

- In the future, you will no longer need new components if you want to change the operating mode (e.g. from a/b to IP).
- You can mix different operating modes (e.g. call button 1 = a/b and call button 2 = IP).
- With the “intercom” operating mode, you no longer need a phone system; a switch and PoE supply are sufficient.
- Plug and play: Behnke offers its own indoor station for the “intercom” mode. Floor bells or floor door intercoms with video can be operated directly from it.
- You can continue to use, and even extend, the modular system of Series 20 or 50 (Series 20 online configurator).
- Easy set-up via PC, notebook or tablet: “mini Wi-Fi” in the intuitive web interface.
- The BS electronics are also available as a box for remote mounting. This allows the components to be used behind panels and boards or, for example, in barriers and vending machines as a bespoke product.
- Function extensions: e.g. touch display and USB camera.

BEHNKE-STATION (BS)

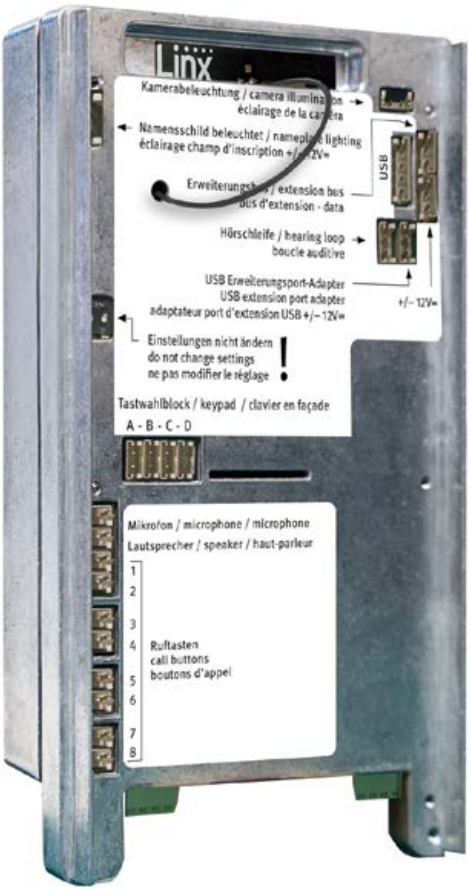
The Behnke-Station includes the familiar functionality and quality of the previous electronics and adds a wide range of new functions.

The new USB functional modules of Series 20 and 50, such as the camera and Behnke card reader, can be operated via the USB port of the Behnke-Station.
The Behnke-Station is configured via the web interface in the browser. All important functions and installed functional modules can be easily and individually adapted to the application here.

General settings include language selection (DE/FR/EN), configuration of an installed camera and the setting of functional modules for accessible entrances. The Behnke Station Wiki is available to make set-up easier.

The Behnke-Station can automatically detect and control the installed functional modules. This not only makes it easy to extend an intercom unit, but also helps with diagnostics, which are also carried out via the web interface. Among other things, diagnostic data can be sent directly to a support server and an online support service can be used.

Electronics Box



IP or USB camera integration

High-quality IP or USB cameras can be used in Behnke SIP intercom units for various applications. More on this from *Page 13*





Answering units for BS door intercoms

- SIP-enabled telephones
- SIP-enabled videophones (when using a camera), SIP video
- PCs with softphone and IP video software (with camera)
- Smartphones (with call forwarding to the public telephone network)
- Wall panels (in preparation)

Behnke-Station: special features

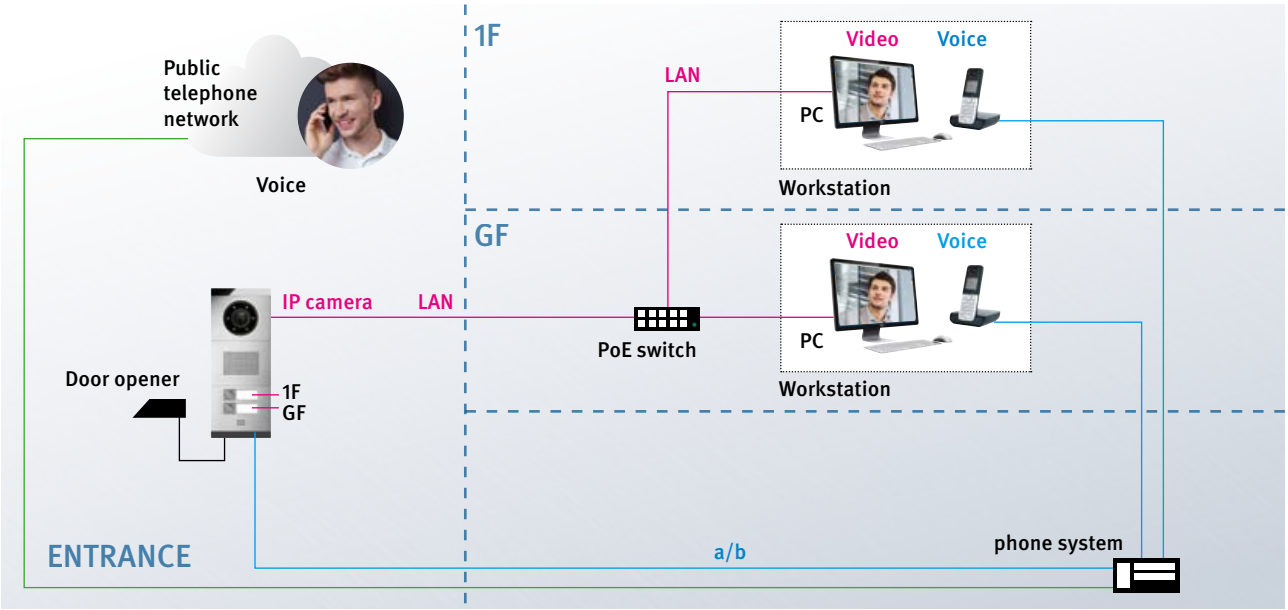
- High-performance hardware
- Set-up via user interface (web front end)
- Assignment of different user permissions for the web front end (e.g. admin and restricted user)
- Extensive new security features
- Set-up of two SIP accounts
- Automatic volume adjustment to ambient conditions
- Support for SIP video H.264 and VP8
- Creation of voice announcements by text input (greetings etc.) with internet connection
- Schedules with preset holiday calendar etc.
- Contactless reader (optional), management of access permissions via the intercom unit's web front end
- Remote mounting of the electronics possible up to 50 m
- Door release button
- Time-limited login for support, diagnostic tools etc.



A/B MODE

Planning to modernise the building from analogue (a/b) to IP (SIP)?
With the hybrid Behnke-Station, the operating mode can be switched in the web interface (at any time). When upgrading, the cost of new purchases can be saved.

Setting: a/b (analogue) mode



For applications that are still based on analogue infrastructure, for example, the Behnke-Station can be operated in a/b mode.

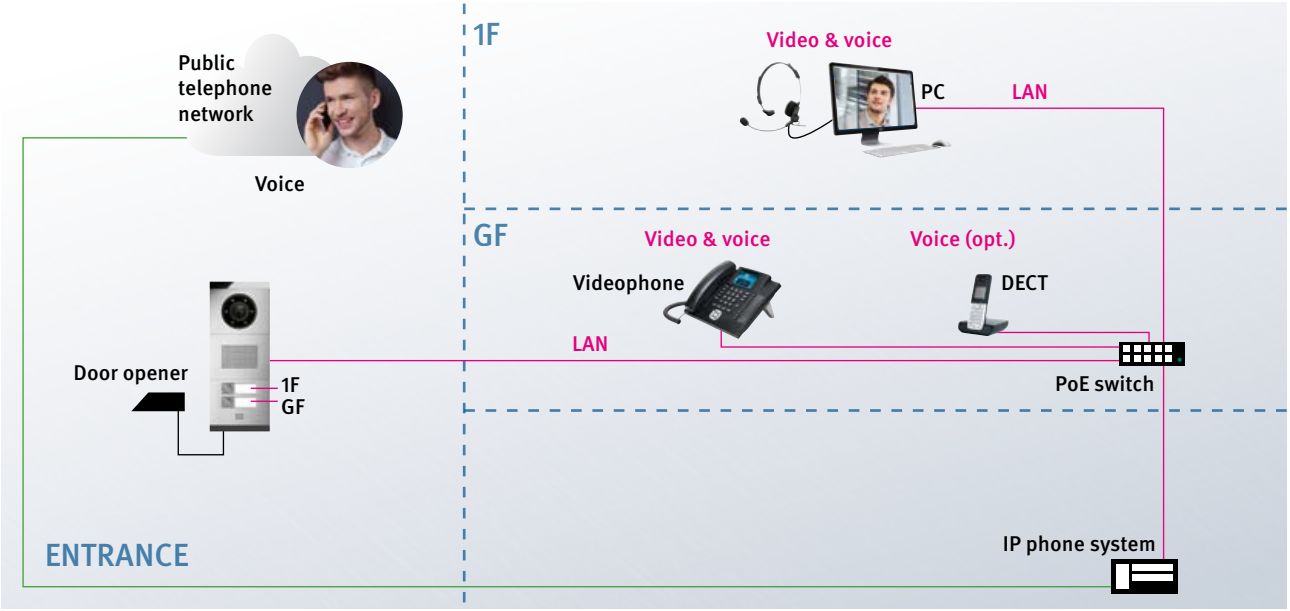
Example of a small business (scalable):

- Entrance with Behnke-Station in a/b mode
- IP camera can be used despite a/b mode (separate network)
- Voice via the a/b phone system
- Use of existing PCs with IP video software for image display
- Answering units for voice are existing a/b-capable telephones
- Optional connection to the public telephone network for voice functions; door opening via smartphone or telephone keypad.



IP MODE

Setting: IP (SIP) mode



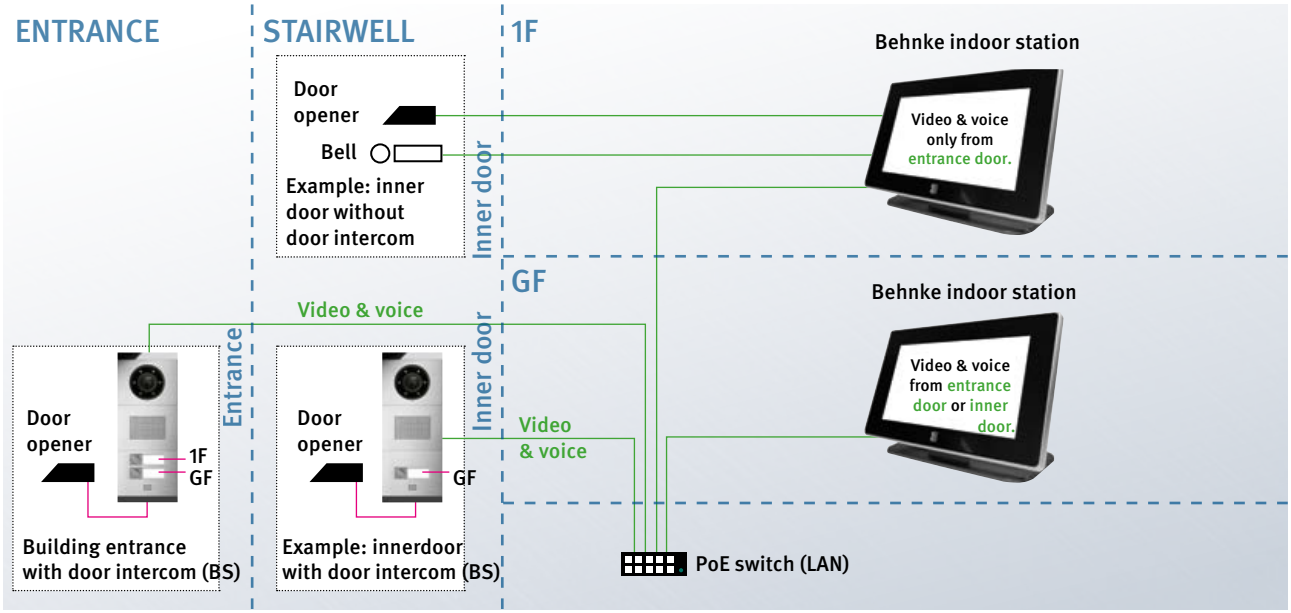
Example of a small business (scalable):

- Entrance with Behnke-Station in SIP mode
- Use of the PC network for video and audio transmission via the IP phone system
- Use of existing PCs and answering units (SIP-enabled telephones, videophones etc.)
- Optional connection to the public telephone network for voice functions; door opening via smartphone or telephone keypad.



INTERCOM MODE

Setting: intercom mode



The “intercom” operating mode with Behnke indoor station was added specifically for electricians who do not work with IP or cloud-based telephone networks on a daily basis, but still want to install a high-quality, metal construction door intercom..

Example of a small business (scalable):

- Entrance with Behnke-Station in intercom mode
- Entrance with either an on-site bell or a Behnke-Station in intercom mode
- One Behnke indoor station on each floor
- The cables are simply connected to the PoE switch; no phone system required. Self-contained system: no calls into the public telephone network

» BEHNKE INDOOR STATION



In intercom mode
Floor bell can be connected
Switch can be connected
No phone system required

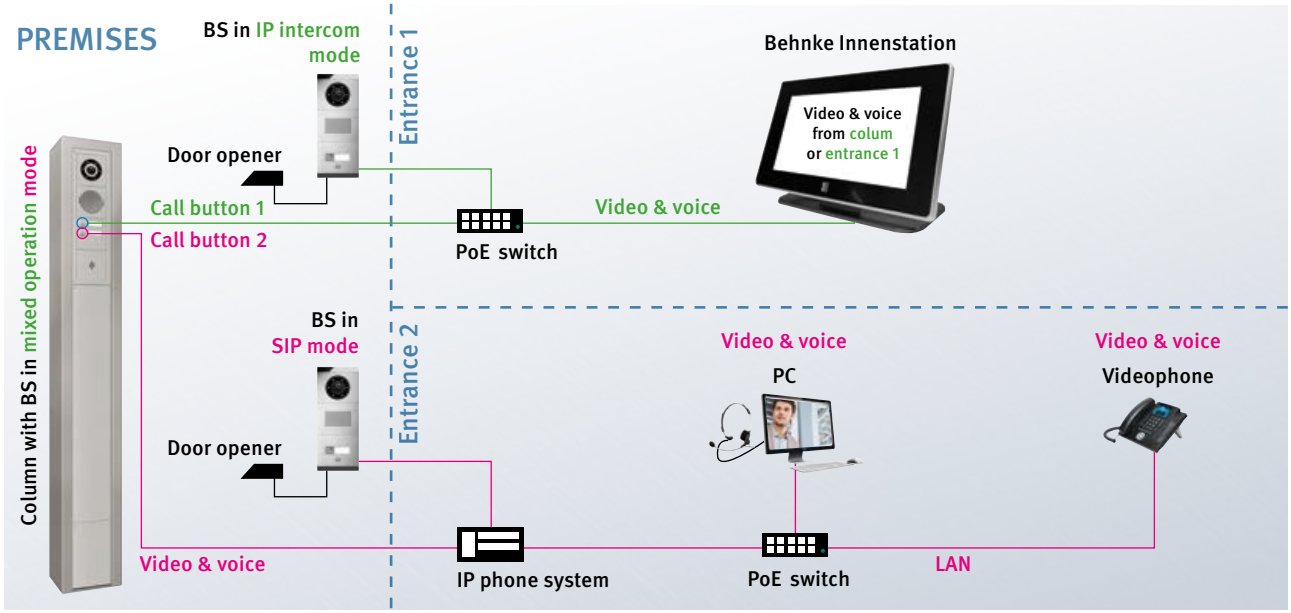
You can find more information about the new indoor station at:

behnke-online.de/innenstation



HYBRID MODE

Setting: mixed operation mode (with column)



Sometimes it makes sense to use several operating modes in parallel in the hybrid mode of the Behnke-Station – for example, during commissioning, when the login data for connecting to the building's phone system is not yet available. In this case, the unit can be operated temporarily as an IP intercom (Behnke indoor station required).

The connection to the phone system is thus bypassed, as the IP intercom is a completely self-contained, closed system. Hybrid mode can be activated in the web interface of the Behnke-Station. Later, the intercom unit can be integrated into the building network and the operating mode adjusted accordingly in the web interface.

BEHNKE A/B (ECO)

Behnke a/b door intercoms are operated as analogue extensions on a telephone system. No additional power supply is needed for the basic telephony functions, and two integrated relays provide a wide range of control functions.

The door intercom is configured remotely by phone call. The required parameters are entered via keypad code and transmitted by DTMF tone. The door intercom is protected against unauthorised access by a security code.
The features of the intercom unit can be used in combination with those of the telephone system:

- By programming a telephone number, you determine which telephone in the building is called
- Group or hunt group calls

Separate remote mounting

a/b electronics are also available for separate remote mounting. This is useful, for example, when installing in gate and letterbox systems.

Possible a/b answering units

- Answering units can be conventional telephones
- Smartphones (with call forwarding to the public telephone network)

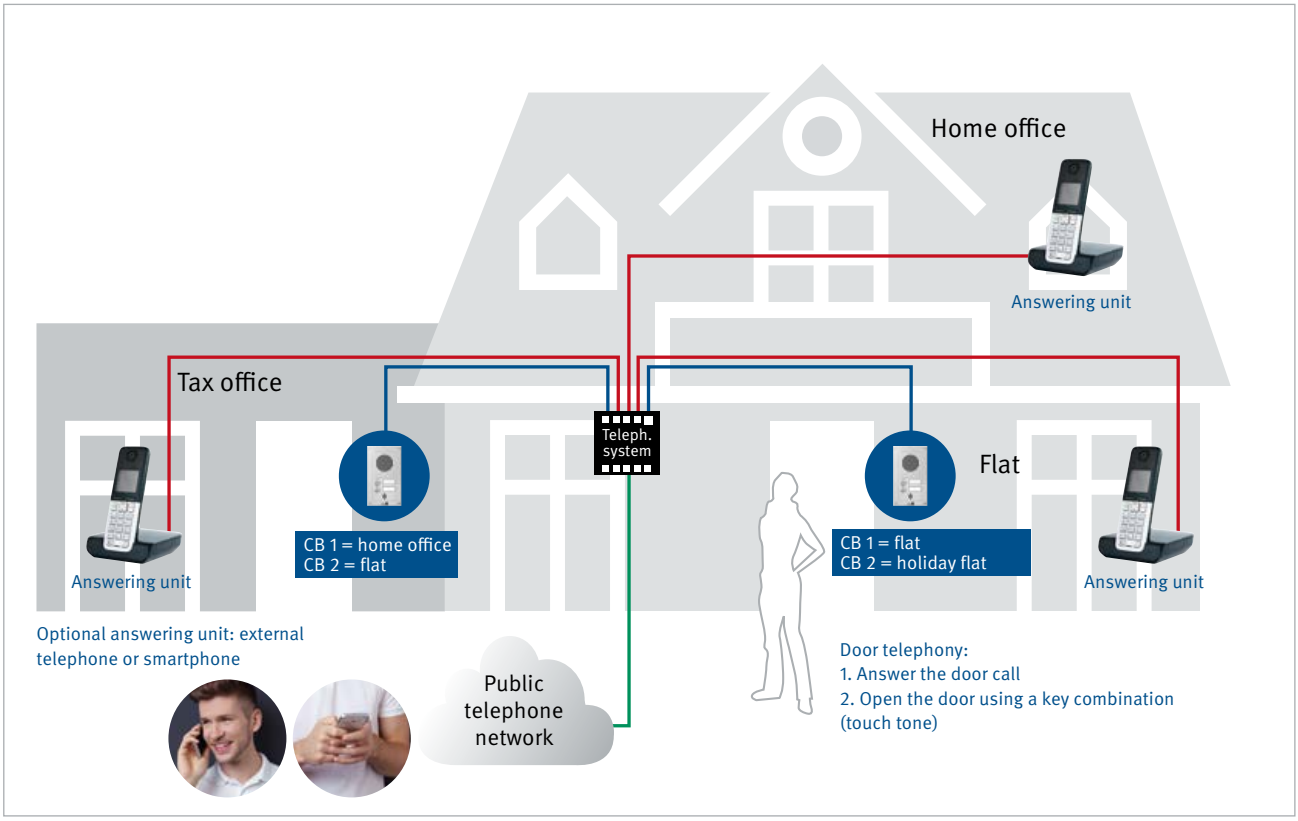
Electronics box



a/b features

- Can be connected directly to any extension of a phone system
- No additional power supply required for telephony
- Programmable via touch-tone telephone
- Remote maintenance possible
- Two volt-free control contacts (relays)
- Dialling of a stored number at the press of a button
- up to 4 buttons
- Adjustable loudspeaker volume
- Auxiliary supply 12–15 V, volt-free (for name plate
- illumination)
- Full-duplex hands-free

Diagram a/b: private and small businesses (Series 20, a/b mode)



CAMERAS

IP and USB cameras
The IP or USB camera functional modules listed below can be integrated into the SIP door intercoms of Series 20 and 50. No additional power supply is required (powered via PoE). For bespoke products, letterbox systems, pillars and pylons, IP cameras specially designed for rear mounting behind panels can be used. Answering units can be SIP videophones, or SIP-enabled telephones in combination with a PC and IP video software.

Cameras in functional modules

Functional module/camera	IP camera (mini dome)	USB camera (for IP)
	 **20-2940A-IP** **21-2940A-IP**  **20-2941A-IP** **21-2941A-IP**  **50-2940A-IP**	 **20-2950** **21-2950**  **50-2950**
Resolution in px	2304 x 1728 (4 MP) to 320 x 240	1920 (H) X 1080 (V)
Viewing angle in °	131° horizontal 97° vertical	180° fisheye, determined by SIP intercom unit, max.
Frames per second	25 frames/s all resolutions and compression types	30 frames/s
IP video software	✓	✓
Illumination (white LED)	✓	✓
Power supply	PoE	PoE
Technical details can be found in the respective operating instructions **MANUALS**	www.behnke-online.de/ip-kameras	www.behnke-online.de/usb-kameras

Rear mounting
Use rear-mounted cameras to create your very “own” door solution. On-site metal panels, letterbox systems or special panels can be fitted with Behnke technology from behind (after prior technical clarification). IP camera modules have lugs or holes for fixing at the rear. Use the dimensioned sketchs to prepare the panel optimally with the appropriate cut-outs for the camera lens and for fixing.

Further information and the corresponding dimensioned sketchs can be found at
www.behnke-online.de/hinterbau

Rear-mounted cameras

Functional module/camera	IP camera (mini dome)  **43-2940A**	IP camera (rear mounting)  **43-9582B**	IP camera (mini dome)  **43-2950**
Resolution in px	2304 x 1728 (4 MP) to 320 x 240	2048 x 2048 (5 MP) to 480 x 360	1920 (H) X 1080 (V)
Viewing angle in °	131° horizontal 97° vertical	185° horizontal 185° vertical	180° fisheye, determined by SIP intercom unit
Frames per second	25 frames/s all resolutions	25 frames/s with 360° panoramic view	max.30 frames/s
IP video software	✓	✓	✓
Illumination (white LED)	✓	X	✓
Power supply	PoE	PoE	PoE
Technical details can be found in the respective operating instructions **MANUALS**	www.behnke-online.de/ip-kameras	www.behnke-online.de/ip-kameras	www.behnke-online.de/usb-kameras

IP VIDEO SOFTWARE

Practical addition for SIP intercom units
In addition to SIP-enabled terminals, the IP video software can be used at the PC workstation. When a visitor makes a call, the camera image of the entrance area is displayed on the PC before the “operator” picks up the receiver of the answering unit. The door can be opened conveniently with a mouse click. For increased security, a second camera can be configured as an add-on. It is displayed as picture-in-picture in addition to the door intercom camera.

Multiplex with additional surveillance cameras
With the IP video software, up to 16 camera images can be displayed simultaneously in multiplex. Single or simultaneous recording is possible. Recording is in full camera resolution, regardless of the displayed image size. Export to formats supported by Microsoft® Windows® is possible. The user can choose whether the image belonging to the “door call” is displayed in the multiplex or in a separate window.







Possible answering units with video image (examples)

IP VIDEO SOFTWARE – LICENCES

The following basic functions of the IP video software can be used free of charge:

- Finding and displaying Behnke cameras and SIP intercom units
- Display of the video image on a call from the door
- Preview of the video image
- Server component for use across IP network boundaries and on terminal servers

Additional functions can be unlocked via a licence upgrade. The licences shown here are always valid for three workstations. Licences are delivered by email only.



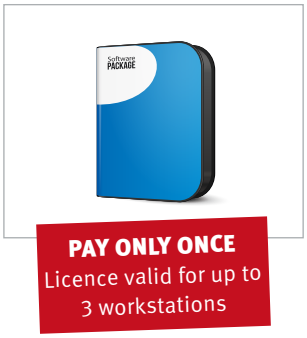
PAY ONLY ONCE
Licence valid for up to 3 workstations

43-9630A

RRP 161,00 € + VAT

- Unlimited in time
- Door opening via PC
- Pause function to suppress automatic image-display (pop-up window)
- Picture-in-picture function
- Server functionality for use across IP network boundaries

“Door opening” and “pause function”



PAY ONLY ONCE
Licence valid for up to 3 workstations

43-9631A

RRP 343,00 € + VAT

- Unlimited in time
- Door opening via PC
- Pause function to suppress automatic image display (pop-up window)
- Saving an image or the video
- stream only possible during the connection
- Logging of door opening
- User can or must enter door opener code

“Door opening”, “pause function” and “image saving”

- Picture-in-picture function
- Video data is stored in a special format
- Export of recorded data to formats supported by “Microsoft® Windows®” possible; the required encoder is provided by the customer
- Server functionality for use across IP network boundaries



PAY ONLY ONCE
Licence valid for up to 3 workstations

43-9632A

RRP 567,00 € + VAT

- Unlimited in time
- Door opening via PC
- Pause function to suppress automatic image display (pop-up window)
- Saving an image or the video
- stream only possible during the connection
- Logging of door opening
- User can or must enter door opener code
- Picture-in-picture function

“Door opening”, “pause function”, “image saving” and “video surveillance”

- Picture-in-picture function
- Video data is stored in a special format
- Export of recorded data to formats supported by “Microsoft® Windows®” possible; the required encoder is provided by the customer
- Server functionality for use across IP network boundaries
- Allows video multiplex with up to 16 cameras
- Recording of up to 16 cameras possible











INDOOR STATION

BEHNKE INDOOR STATION

7-inch touch display for walls or desks

The Behnke indoor station with 7-inch touch display combines high-quality technology, intuitive operation and maximum flexibility in one elegant solution for your door communication. Whether a detached house, a residential complex or a commercial property – this indoor station offers and comfortable solution for modern door communication.

Crystal-clear communication & brilliant image quality
The large 7-inch touch display allows convenient operation and delivers razor-sharp video images. You can see who is at your door at any time and communicate directly in excellent audio quality – safely and conveniently.



Easy programming and intuitive operation via the display.

Maximum flexibility thanks to modern IP technology
The indoor station integrates seamlessly into your existing network infrastructure and supports various operating modes:

- Use as a SIP telephone via a SIP server
- Peer-to-peer communication via IP address (with switch only)
- Use as a powerful IP intercom system

This allows the solution to adapt to a wide range of requirements and system environments – from simple installations to complex systems.

Perfect interaction with Behnke door intercom units
As the ideal complement to Behnke hybrid (Behnke-Station) and SIP 2.0 outdoor station units, the indoor station serves as the central control and communication unit. It enables:

- Live video transmission from the door
- Direct voice connection with visitors
- Convenient control of door openers and relays

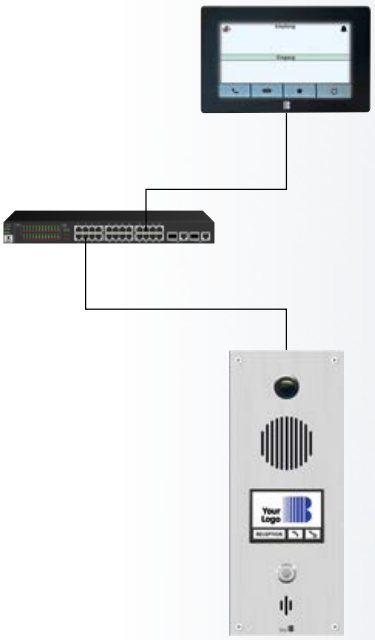
Extended functions for greater convenience
In addition to classic door communication, the indoor station offers further options:

- Integration of floor push-buttons
- Control of floor door openers
- Individual configuration depending on the application scenario

Easy installation & reliable power supply
Thanks to Power over Ethernet (PoE), power is supplied directly via the network cable – efficient and easy to install. Flexible mounting as a wall- or desk-unit allows optimal adaptation to any environment.

Scalable for every requirement
From single installations to complex systems with several devices and groups: the Behnke indoor station grows with your requirements and offers a powerful platform for modern IP intercom systems – without any additional server..

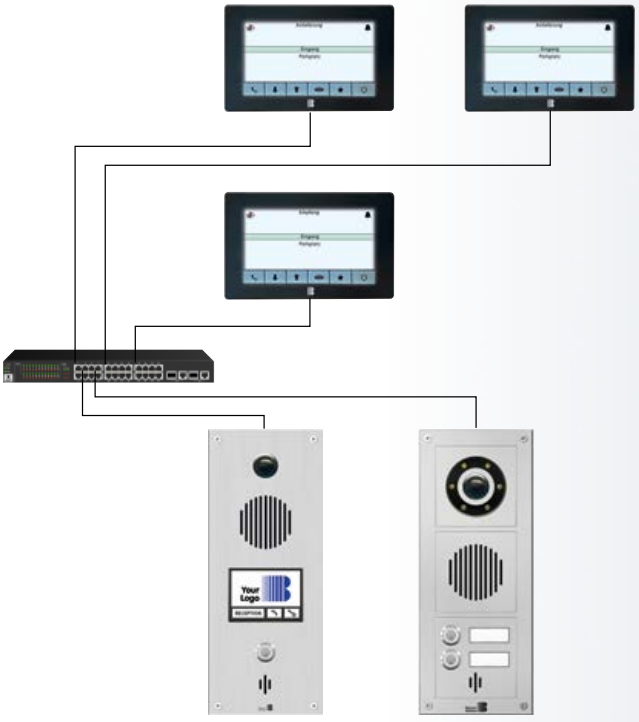
Motion detection
(where permitted under data protection law)
The activatable automatic video preview provides greater security. If the camera of an outdoor station detects movement, the indoor station is notified automatically and the camera image is immediately shown on the display (only possible with SIP 3.0/hybrid intercom units). Optionally, the preview can be set for a specific outdoor station as the preferred device and conveniently switched on or off at any time via the main screen of the indoor station.



Example: minimal system

Nearly plug & play
A Behnke minimal system consists of a PoE/PoE+ switch, an outdoor station, an indoor station and two network cables. The devices are combined in intercom group 1 and integrate into the system automatically.

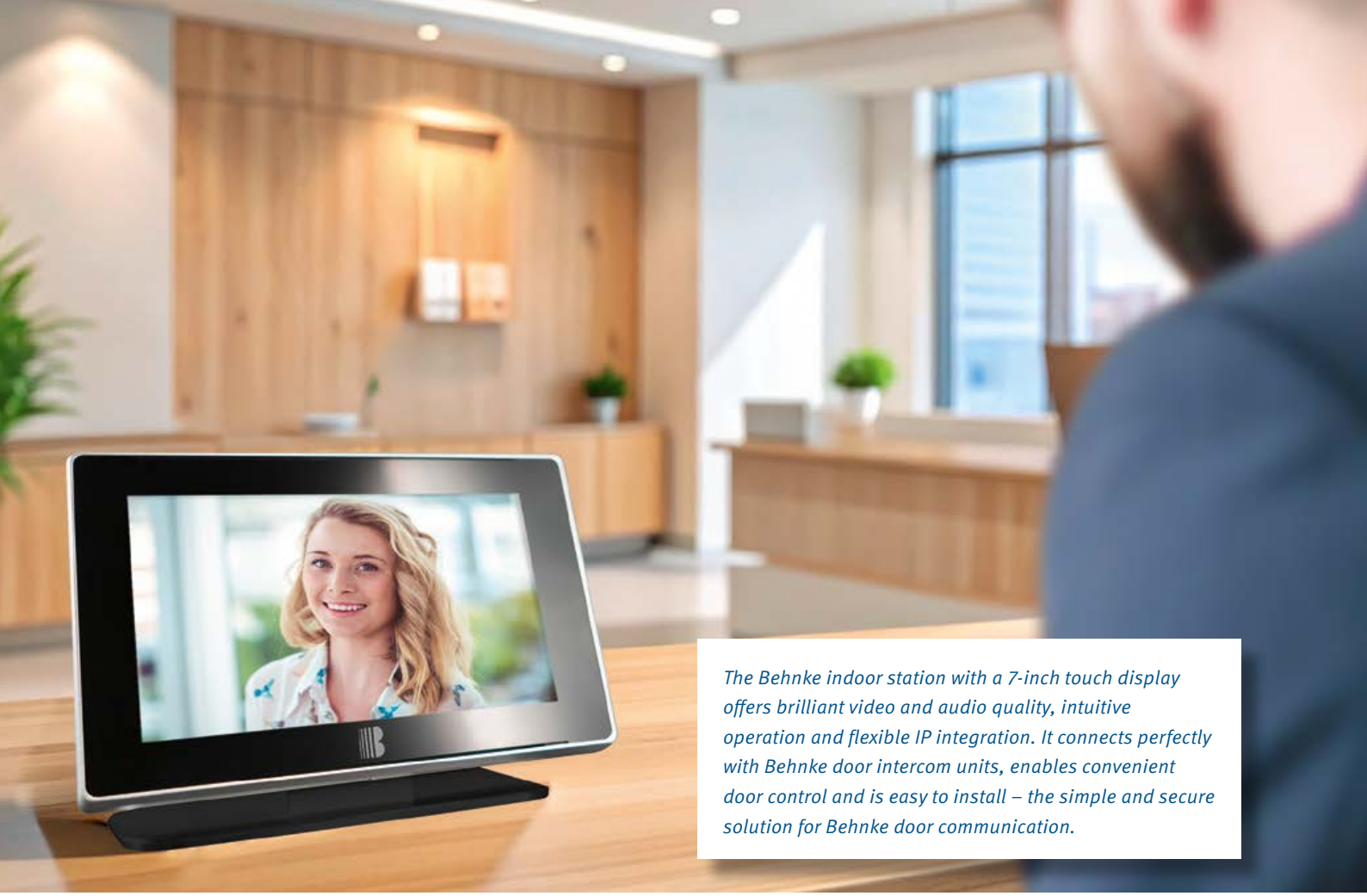
The outdoor station is simply connected, automatically receives an IP address via DHCP or link-local and is set up in just a few steps using the configuration button. The indoor station is also connected, starts automatically and assigns itself an IP address.



Example: with several outdoor and indoor stations

Cleverly extended system
Behnke door intercoms can call different indoor stations, including several at the same time.

Optional: management of several intercom groups and multi-network function possible using network bridges.



The Behnke indoor station with a 7-inch touch display offers brilliant video and audio quality, intuitive operation and flexible IP integration. It connects perfectly with Behnke door intercom units, enables convenient door control and is easy to install – the simple and secure solution for Behnke door communication.

Behnke indoor station & accessories



43-9622

1.024,00 Euro + VAT

Behnke indoor station with 7" touch display

› 201 x 128 x 25 mm (W x H x D)



43-9623

151,00 Euro + VAT

Desk stand for order no.: 43-9622



43-9624

63,00 Euro + VAT.

Wall bracket for order no.: 43-9622

BEHNKE IINDOOR STATION



SERIES 5 / 15



Contents



Door intercoms Series 5 — with 1–2 call buttons — Page 30



Door intercoms Series 15 — with camera, 1–2 call buttons, card reader or induction loop — Page 32

For private homes & small businesses

Behnke quality means robust metal construction, professional connection to an existing phone system and durability. These qualities are not reserved for the Behnke industrial standard – they can also be achieved in private homes or small businesses with the simplified Behnke door intercoms of Series 5 and 15.

The intercom units of Series 5 and 15 offer 1–2 call buttons with backlit nameplates; in Series 15 intercoms these are integrated as labelled touch-surface buttons. Series 15 also optionally features a USB camera and a slot for functional modules from Series 20. Either an induction loop, a Behnke card reader or a card reader panel can be integrated here. If you choose a individual card reader panel, compatible card readers from well-known manufacturers can be integrated. You will find a large selection of possible card reader panels from page 74.

Series 5 are available with a/b connection. Series 15 features the latest generation of IP electronics and is available as a surface-mounted intercom unit only.

a/b door intercoms Series 5

Version
- One or two call buttons

Dimensions
- Size (W x H x D): 110 x 210 x 42 mm
- Size (W x H x D): 115 x 220 x 45 mm (in on-wall housing)

Technology
- a/b
- Door intercoms with one-piece front panel
- Call buttons and nameplates
- Core material sheet steel or stainless steel

Installation
- Surface-mounted, flush-mounted or cavity-wall mounting

Mains adapter 20-9585
required for illumination



Series 5 online

www.behnke-online.de/serie5

Manuals	behnke-online.de/serie5a
Installationdrawings	behnke-online.de/serie5e

Acoustics: in which environment is the door intercom suitable?
Class 1 = quiet environment
Class 2 = regular environment
Class 3 = noisy environment
Class 4 = very noisy environment
Class 5 = extremely noisy environment

a/b connection, 1–2 call buttons (flush-mounted)



5-0058
Stainless steel
321,00 Euro + VAT.



5-0059
Stainless steel
333,00 Euro + VAT

Colour options

5-0050
Powder coating white
277,00 Euro + VAT

5-0051
Powder coating silver
277,00 Euro + VAT

5-0052
Powder coating white
288,00 Euro + VAT.

5-0053
Powder coating silver
288,00 Euro + VAT

a/b connection, 1–2 call buttons (incl. on-wall housing)



5-0060
Stainless steel,
on-wall housing anthracite
321,00 Euro + VAT



5-0061
Stainless steel,
on-wall housing anthracite
333,00 Euro + VAT

Colour options

5-0054
Powder coating white
277,00 Euro + VAT

5-0055
Powder coating silver
277,00 Euro + VAT

5-0056
Powder coating white
288,00 Euro + VAT

5-0057
Powder coating silver
288,00 Euro + VAT

Series 5 cover panel (optional accessory)

Size (W x H x D): 130 x 230 x 3 mm



5-9000
Powder coating white
52,00 Euro + VAT.



5-9001
Powder coating silver
52,00 Euro + VAT



5-9002
Powder coating DB703
56,00 Euro + VAT



Example:
door intercom with
cover panel in DB703

Door intercom Series 15

Dimensions
- Size (W x H x D):120 x 210 x 45 mm
- Size (W x H x D):120 x 300 x 45 mm (with module slot)

Technology
- SIP
- Door intercoms with one-piece front panel
- Touch-surface button with nameplate
- Aluminium RAL DB

Installation
- Surface-mounted; please order housing separately.



Serie 15 online
www.behnke-online.de/serie15

Manuals	behnke-online.de/serie15a
Installation drawings	behnke-online.de/serie15e

Incl. IP electronics SIP door intercom

Power over Ethernet required

Acoustics: in which environment is the door intercom suitable?
- Class 1 = quiet environment
- Class 2 = regular environment
- Class 3 = noisy environment
- Class 4 = very noisy environment
- Class 5 = extremely noisy environment

Door intercom with one or two call buttons (IP) – surface-mounted only!



BS 15-711
Aluminium
979,00 Euro + VAT

Please also order on-wall housing 15-5102.



BS 15-712
Aluminium
999,00 Euro + VAT

Please also order on-wall housing 15-5102.



15-5102
Aluminium
RRP 167,00 Euro + VAT

- 148 x 222,4 x 65 mm (W x H x D)

Door intercom for accessible entrances (IP) – surface-mounted only!



BS 15-718
Aluminium
1.341,00 Euro + VAT

Please also order
on-wall housing 15-5103
and functional module.

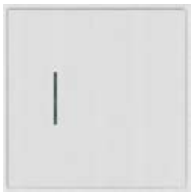
POE

Functional modules



20-2480-BS Acrylic
RRP 442,00 Euro + VAT

Functional module
Induction loop



20-2450-BS Acrylic, grey
RRP 545,00 Euro + VAT



20-2408 Acrylic, grey
RRP 40,00 Euro + VAT

Functional module
Neutral card reader panel
for rear mounting of a
suitable card reader

On-wall housing



15-5103
Aluminium
RRP 171,00 Euro + VAT

- Size: 3
- 148 x 312,4 x 65 mm
  (W x H x D)



SERIES 20



Series 20

Series 20
at a glance — Page 35

Series 20 touch display, top sellers,
configurator and Compact series — Page 42

Emergency Series 20/40,
emergency call pillars, Series 20
industrial and clean room phones — Page 47

Series 20 doorbell panel
up to 100 call buttons, modular
letterboxes — Page 52

Series 20 functions
and functional modules — Page 56

Series 20
accessories — Page 80

Series 20 stainless steel
columns and letterboxes — Page 91

Door intercoms in industrial standard

Modular Series 20 door intercoms are mainly used in large buildings (companies, public authorities, hotels, underground car parks) and outdoor areas. They are used for access control at doors, gates, roller shutters or barriers. In SIP intercom units, acoustic echo cancellation enables full-duplex hands-free operation in top quality.

In addition to the voice function, additional functions such as touch display, cameras, keypads, code locks, key switches, keycode readers or fingerprint readers can be integrated. The range of combinations allows a high degree of planning flexibility. The durable metal intercom units offer increased protection against vandalism.

The intercom units contain two freely configurable relays for door opening, call indication or other switching functions. Thanks to the modular system, retrofitting or converting further functions and switching from a/b to IP are usually easy to carry out.

When Behnke intercom units are integrated into the existing telecommunications or data network, visitors can be let in using any conventional telephone or PC.

Putting together door intercoms on a modular basis is very easy with the online configurator. It brings Series 20 intercom units to life effortlessly.

Hybrid

THE BEHNKE STATION

A multifunctional and hybrid universal device

The hybrid Behnke Station can be used as an analogue telephone, SIP telephone or IP intercom. All regular and new Series 20 functional modules are compatible.

If the hybrid Behnke Station is to be connected as an analogue telephone, it has the advantage that the technology required for a future SIP migration is already built in. Therefore, there is not need to replace the electronics or functional modules!

It also supports the direct connection of a touch display and an IP camera, as well as the PoE+ function. Via PoE+, an induction loop, for example, can be powered directly by the Behnke Station.



Hybrid

BEHNKE USB CAMERA

This new camera is connected to the Behnke Station exclusively via USB and requires no additional power supply.

It is equipped with a wide-angle lens (similar to a fisheye) and is therefore particularly suitable for use at HGV/car entrances and at entrance areas with accessibility requirements.

The camera supports a resolution of 320x240 to 1920x1080 pixels and a frame rate of up to 30 frames per second.

It also has an LED lighting ring that can be switched on and off automatically via definable thresholds. The recording settings of all installed cameras can be configured using the Behnke Station.

For example, they can be configured so, that they only start recording or transmitting when a button is pressed.



Hybrid

SERIES 20 TOUCH DISPLAY

More than 30 display functions in one module



The touch display covers many of the common functions in just one functional module, turning your door intercom into a “multifunctional device”.

The display supports common image file formats of up to 10 MB and allows the image display size to be adjusted. Font size, font colour, text alignment and background colour can also be configured individually. A relay can be triggered by entering a code via the code lock - in. In terms of functionality, it thus replaces the keypad.

Any telephone number can be dialled using the phone book function. If the device is idle for a certain time (freely adjustable between 5–90 s), it can be switched off to protect the screen. As soon as the touch display is touched or the device is otherwise activated, it switches on again. If a camera is also installed, it can be used for motion detection and is able to deactivate the screen saver when there is movement in front of the device.

The display backlight can be dimmed if required. For example, a reduced brightness of 10–20% can be set so that visitors can still see the available display functions when the screen saver is active.



BEHNKE USB CARD READER

Hybrid

For authorisation, the USB card reader can either work locally (authorisations are stored in the device itself), work as an independent authorisation server (authorisations are stored in the device itself and made available to other devices) or be integrated into existing authorisation servers (no authorisation data is stored in the device itself).



In addition, up to 10 authorisation profiles with a maximum of 20 cards are supported. The authorisation profile specifies which permissions the associated cards have, i.e. which doors they can open.

A card can be assigned to several authorisation profiles. The door can be opened via the card reader at any time or according to a stored schedule per authorisation group.

WHICH OPERATING MODE (ELECTRONICS) IS RIGHT?

Check the existing technology: depending on the type of electronics, Behnke Series 20 door intercoms can be operated on an analogue phone system (a/b) or on an IP phone system:



ECO – via a/b line

The ECO a/b electronics are the best and most cost-effective choice if you want to operate intercom units with a simple range of functions (up to 4 call buttons, no keypad, no extension electronics, no alarm input etc. – see table on the right) on an analogue a/b telephone system. If you need a keypad or want to extend the functionality of your electronics, please go straight for the hybrid electronics (BS).



Hybrid – via a/b or IP line

Turn the Behnke intercom unit into a SIP-, a/b-, or intercom-compatible device in no time!

The Behnke Station is a new-generation hybrid electronics unit. It can be used to operate SIP telephones, analogue telephones (a/b) or IP intercom systems. If the Behnke Station is used as an analogue telephone, for example, it can alternatively be operated as a SIP telephone or set up as an IP intercom simply by changing the selected operating mode via tablet or PC. The operating mode is switched in the web interface of the Behnke Station. In special applications, operating modes can be used simultaneously. The Behnke Station thus opens up completely new functional possibilities.

The special features of the hybrid electronics include the versatile touch display (call buttons, keypad, phone book and much more), the Behnke card reader, the Behnke USB camera and much more.



Features (electronics & door intercom)

Example images		
Operating mode	Hybrid	ECO
Power supply	PoE and PoE+	via a/b line
Call buttons	up to 8 call buttons (up to 100 with extension electronics)	up to 4 call buttons
Camera	✓ IP / IP USB	X
Keypad	✓	X
Key switch	✓	✓
Card reader panel	✓	✓
Behnke card reader	✓	X
Behnke touch display	✓	X
Tamper contact	optional	optional
Front material / thickness	Aluminium / 4 mm	Aluminium / 4 mm
Front design	modular design (functional modules)	modular design (functional modules)
Front surface / colour	V2A design brushed/aluminium/	V2A design brushed / aluminium / RAL or DB powder coating optional
Column installation	✓ Series 20 columns	✓ Series 20 columns
Wall installation	Flush-mounted / surface-mounted	Flush-mounted / surface-mounted
Alarm input	✓	X

Please contact us for special requirements.

» SERIES 20

Size 2 & 3

Door intercoms size 2

Technology

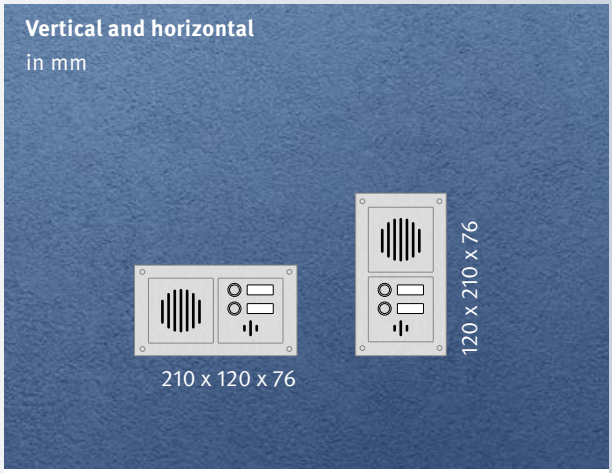
- Hybrid (SIP, a/b, intercom) or ECO (a/b)
- Modular door intercoms (configurable)
- Call buttons and nameplates with white illumination
- Aluminium in V2A design (anodised finish) or aluminium (natural) RAL DB

Customisation

- Powder coating (RAL or DB)
- Engraving, printing (e.g. of names, logo or house number)
- Special dimensions on request

Installation

- Surface-mounted, flush-mounted, cavity-wall mounting or in columns (vertical version only)



Configure now!

Series 20 prices (RRP) • images • RAL • technical specifications wiring diagrams • common accessories • download

www.behnke-online.de/konfigurator

Manuals hybrid	behnke-online.de/serie20bs
Manuals a/b	behnke-online.de/serie20ab
Installation videos	behnke-online.de/serie20v
Installation drawings	behnke-online.de/serie20e2

Door intercoms size 3

Technology

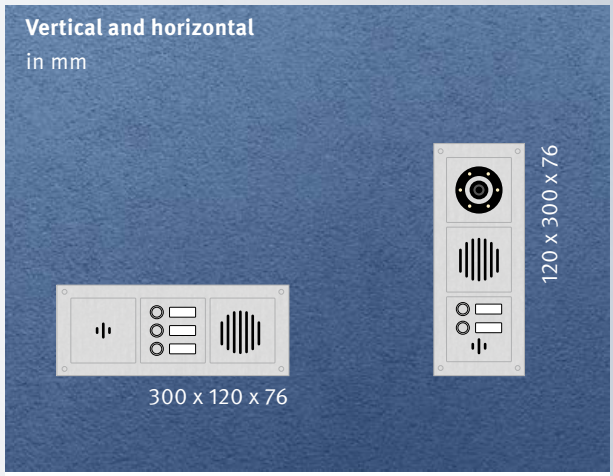
- Hybrid (SIP, a/b, intercom) or ECO (a/b)
- Modular door intercoms (configurable))
- Call buttons and nameplates with white illumination
- Aluminium in V2A design (anodised finish) or
- aluminium (natural) RAL DB

Customisation

- Powder coating (RAL or DB)
- Engraving, printing (e.g. of names, logo or house number)
- **Special dimensions on request**

Installation

- Surface-mounted, flush-mounted, cavity-wall mounting or in columns (vertical version only)



Configure now!

Series 20 prices (RRP) • images • RAL • technical specifications wiring diagrams • common accessories • download

www.behnke-online.de/konfigurator

Manuals hybrid	behnke-online.de/serie20bs
Manuals a/b	behnke-online.de/serie20ab
Installation videos	behnke-online.de/serie20v
Installation drawings	behnke-online.de/serie20e3

Symbols:

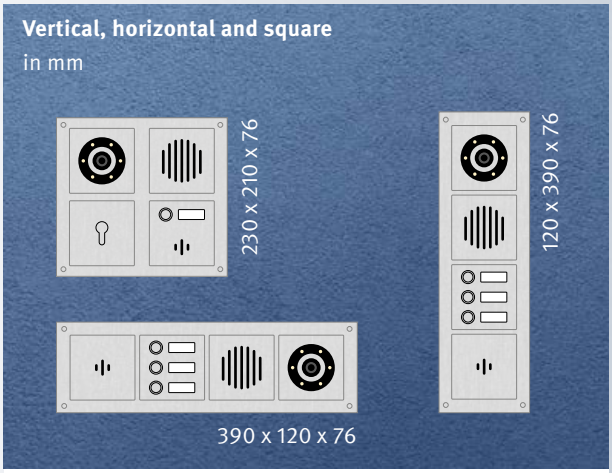
- Incl. ECO electronics — Analogue tel. a/b
- Mains adapter 20-9585 — required for illumination (SNT)
- Incl. hybrid electronics — SIP, a/b, intercom
- Power over Ethernet — required (POE)

Door intercoms size 4

Technology
- Hybrid (SIP, a/b, intercom) or ECO (a/b)
- Modular door intercoms (configurable)
- Call buttons and nameplates with white illumination
- Aluminium in V2A design (anodised finish) or aluminium (natural)

Customisation
- Powder coating (RAL or DB)
- Engraving, printing (e.g. of names, logo or house number)
- Special dimensions on request

Installation
- Surface-mounted, flush-mounted, cavity-wall mounting or in columns (vertical version only)



Configure now!

Series 20 prices (RRP) • images • RAL • technical specifications wiring diagrams • common accessories • download

www.behnke-online.de/konfigurator

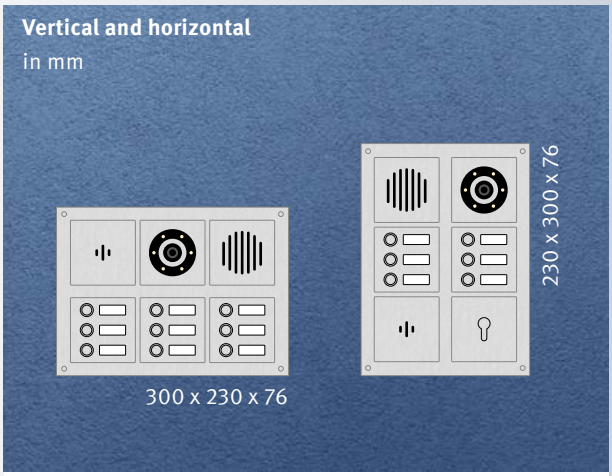
Manuals hybrid	behnke-online.de/serie20bs
Manuals a/b	behnke-online.de/serie20ab
Installation videos	behnke-online.de/serie20v
Installation drawings	behnke-online.de/serie20e4

Door intercoms size 6

Technology
- Hybrid (SIP, a/b, intercom) or ECO (a/b)
- Modular door intercoms (configurable)
- Call buttons and nameplates with white illumination
- Aluminium in V2A design (anodised finish) or aluminium (natural)

Customisation
- Powder coating (RAL or DB)
- Engraving, printing (e.g. of names, logo or house number)
- Special dimensions on request

Einbau
- Surface-mounted, flush-mounted, cavity-wall mounting



Configure now!

Series 20 prices (RRP) • images • RAL • technical specifications wiring diagrams • common accessories • download

www.behnke-online.de/konfigurator

Manuals hybrid	behnke-online.de/serie20bs
Manuals a/b	behnke-online.de/serie20ab
Installation videos	behnke-online.de/serie20v
Installation drawings	behnke-online.de/serie20e6

Acoustics: in which environment is the door intercom suitable?

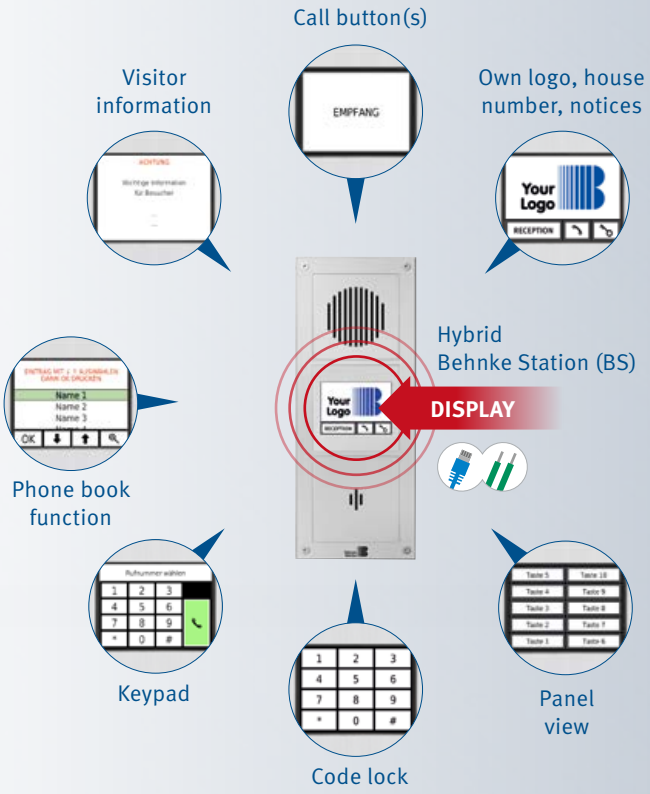
Class 1 = quiet environment
Class 2 = regular environment
Class 3 = noisy environment
Class 4 = very noisy environment
Class 5 = extremely noisy environment

3.5" touch display = multifunction on board! NEU !

Whether one or several call buttons, keypad or phone book function, welcome texts, date-related notices, house numbers or your own company logo: with the touch display (hybrid connection type), you turn your Behnke-Station door intercom into a multifunctional device.

The bright display is easy to read at night. The screen design can be flexibly adapted in the door intercom's front end, where company logos can also be uploaded.





Features

The display supports common image file formats of up to 10 MB and allows the image display size to be adjusted. Font size, font colour, text alignment and background colour can also be configured individually.

A relay can be triggered by entering a code via the code lock. In terms of functionality, it thus replaces the keypad.

Any telephone number can be dialled using the telephone function. If the device is idle for a certain time (freely adjustable between 5–90 s), it can be switched off to protect the screen. As soon as the touch display is touched or the device is otherwise activated, it switches on again. If a camera is also installed, it can be used for motion detection and is able to deactivate the screen saver when there is movement in front of the device.

The display backlight can be dimmed if required. For example, a reduced brightness of 10–20% can be set so that visitors can still see the available display functions when the screen saver is active.

Door intercoms with 1–2 call buttons size 2



Finish configuring now!!



ECO

Finish configuring now!



Finish configuring now!



ECO

Finish configuring now!

Door intercoms with 1–2 call buttons size 3



Finish configuring now!!



ECO

Finish configuring now!!



Finish configuring now!!



ECO

Finish configuring now!!

Door intercoms with 3 call buttons or keypad size 3



DISPLAY





DISPLAY



Finish configuring now!!

ECO

Finish configuring now!!

Finish configuring now!!

Keypad hybrid only

Finish configuring now!!

Door intercoms with camera and 1–2 call buttons size 3



DISPLAY





DISPLAY



IP camera hybrid only

Finish configuring now!!

IP camera hybrid only

Finish configuring now!!

IP camera hybrid only

Finish configuring now!!

IP camera hybrid only

Finish configuring now!!





Door intercoms with camera, keypad and 1–2 call buttons size 4

DIDN'T FIND WHAT YOU NEED?

Configure your individual door intercom now at:
behnke-online.de/konfigurator

IP-Kamera
nur hybrid
Finish
configuring
now!!

IP-Kamera
nur hybrid
Finish
configuring
now!!



Not modular



With one module slot

Compact series
Size 3 and size 4

ONE-PIECE FRONT PANEL

Behnke compact intercom units consist of a one-piece front panel integrating a USB camera, a loudspeaker, the multifunctional display, a call button and a microphone. The size 4 door intercom also includes a slot for a Series 20 card reader or induction loop.

Finish
configuring
now!!

Finish
configuring
now!!

Size 3

Emergency phones size 3 vertical

Dimensions

› Vertical (W x H x D): 120 x 300 x 76 mm

Technology

› Hybrid (SIP, a/b, intercom) or ECO (a/b)
› Modular emergency phones
› Nameplates with white illumination
› Stainless steel functional modules

Customisation

› Powder coating (RAL or DB)
› Engraved text optional

Installation

› Surface-mounted, flush-mounted, cavity-wall mounting or in columns

Incl. ECO electronics
Analogue tel. a/b

Incl. hybrid electronics
SIP, a/b, intercom

Mains adapter 20-9585
required for illumination

Power over Ethernet
required



Series 20 emergency online

behnke-online.de/notruf

Manuals hybrid	behnke-online.de/serie20bs
Manuals a/b	behnke-online.de/serie20ab
Installation drawings	behnke-online.de/serie20e3

Emergency phones, various configurations size 3



Example Stainless steel
Front frame RAL 3000, loudspeaker, emergency button, microphone.
Price on request.



Example Stainless steel
Front frame RAL 3000, IP camera, loudspeaker, call button with nameplate, microphone.
Price on request.



Example Stainless steell
Front frame RAL 3000, loudspeaker, call button behind glass, microphone.
Price on request.



Example Stainless steel
Front frame RAL 5017, loudspeaker, 2 framed call buttons with engraving, microphone.
Price on request.

Acoustics: in which environment is the door intercom suitable?

Class 1 = quiet environment
Class 2 = regular environment
Class 3 = noisy environment
Class 4 = very noisy environment
Class 5 = extremely noisy environment

Emergency phones size 3 vertical

Dimensions

› Vertical (W x H x D): 120 x 300 x 76 mm

Technology

› Hybrid (SIP, a/b, intercom) or ECO (a/b)
› Emergency phones with one-piece front panel
› Nameplates with white illumination
› Aluminium front panel, coloured polymer bar

Customisation

› Engraved text optional

Installation

› Surface-mounted, flush-mounted, cavity-wall mounting or in columns

Incl. ECO electronics
Analogue tel. a/b

Incl. hybrid electronics
SIP, a/b, intercom

Mains adapter 20-9585
required for illumination

Power over Ethernet
required



Series 40 emergency online

behnke-online.de/notruf

› Series 40 › Manual Series 20

Manuals hybrid	behnke-online.de/serie20bs
Manuals a/b	behnke-online.de/serie20ab
Installation drawings	behnke-online.de/serie20e3

Emergency phones, various configurations size 3



BS 40-313 Aluminium
Loudspeaker, nameplate, call button and microphone, red bar.
Price on request.



BS 40-317 Aluminium
Loudspeaker, glass break detector and microphone, red bar.
Price on request.



BS 40-311 Aluminium
Loudspeaker, call button, engraving and microphone, red bar.
Price on request.



The coloured bar made of a solid polymer is also available in other colours for an extra charge (similar to RAL).

Acoustics: in which environment is the door intercom suitable?

Class 1 = quiet environment
Class 2 = regular environment
Class 3 = noisy environment
Class 4 = very noisy environment
Class 5 = extremely noisy environment

Emergency Columns Type L



20-5501A Body type L 1,75 m

(plus individual engraving and RAL powdercoating)
RRP 895,00 Euro + VAT

- Stainless steel column
- Can be equipped with intercoms with a width of 120 mm and a flashing light/protective cage (please order separately)

Intercom(s) Series 20 or 40 (please order seperately)

Cover panel kit 1

21-5334 V2A design
RRP 375,00 Euro + VAT

20-5334 Aluminium
RRP 290,00 Euro + VAT

- Column size: 197 x 1.750 x 147 mm (W x H x D)
- 1 x Panel (beveled edge), Size: 120 x 700 mm (W x H)
- 1 x Panel (without beveled edge), Size: 120 x 700 mm (W x H)
- 3 x Clamping Plate

When equipped with a second intercom: Cover plates available upon request.

Accessories



Flashing Light for Emergency Columns
LED Technology: Can be set to red, orange, or greenge or green.

20-5413
RRP 240,00 Euro + VAT



Protective cage for the light 20-5413

20-5416
RRP 76,00 Euro + VAT



Design and bespoke Products

In addition to standard emergency phones and columns, Behnke also manufactures bespoke solutions in mass and small-batch production. These include, for example, specially configured components for equipping SOS terminals in subway systems—such as here in Munich—including speakers, microphones, and displays for emergency call functions, as well as communication units in automated ticket machines.


SOS
S
O
S

Industrial phones Size 3 vertical

Dimensions

› Vertical (W x H x D): 120 x 300 x 76 mm

Technology

› Hybrid (SIP, a/b, intercom) or ECO (a/b)
› Modular door intercoms with handset
› Nameplates with white illumination
› Stainless steel functional modules RAL DB

Customisation

› Powder coating (RAL or DB)
› Engraved text optional

Installation

› Surface-mounted, flush-mounted, cavity-mounted or in Columns

Incl. ECO electronics
Analogue tel. a/b

Mains adapter 20-9585
required for illumination

Incl. hybrid electronics
SIP, a/b, intercom

Power over Ethernet
required



Series 20 industrial
behnke-online.de/industrie

Manuals hybrid	behnke-online.de/serie20bs
Manuals a/b	behnke-online.de/serie20ab
Installation drawings	behnke-online.de/serie20e3

Door intercoms with camera / keypad / card reader panel size 3



Example Stainless steel
Handset cradle, illuminated keypad, handset and hook.
Price on request.



Example Stainless steel
Handset cradle, 1 call button, handset and hook.
Price on request.



Example Stainless steel
Handset cradle, 2 call buttons, handset and hook.
Price on request.



Example Stainless steel
Handset cradle, 3 call buttons, handset and hook.
Price on request.

Acoustics: in which environment is the door intercom suitable?

Class 1 = quiet environment
Class 2 = regular environment
Class 3 = noisy environment
Class 4 = very noisy environment
Class 5 = extremely noisy environment

Clean room phones Size 3 vertical

Dimensions

› Vertical (W x H x D): 120 x 300 x 76 mm

Technology

› Hybrid (SIP, a/b, intercom)

› One-piece front panel with disinfectant-resistant film

Installation

› Surface-mounted, flush-mounted or cavity-wall mounting



Series 20 clean room

behnke-online.de/reinraum

Clean room phones • images • RAL • technicals pecifications • common accessories • download

Manuals hybrid	behnke-online.de/serie20bs
Installation drawings	behnke-online.de/serie20e3

Incl. hybrid electronics
SIP, a/b, intercom

Power over Ethernet
required

Clean room phone with keypad size 3



› Broadband loudspeaker

› 1 keypad, 16 keys

› 1 call button

› Protective film, resistant to disinfectants and contamination, easy to clean

Finish configuring now!

Acoustics: in which environment is the door intercom suitable?

Class 1 = quiet environment

Class 2 = regular environment

Class 3 = noisy environment

Class 4 = very noisy environment

Class 5 = extremely noisy environment

Doorbell panel



Example with 38 call buttons

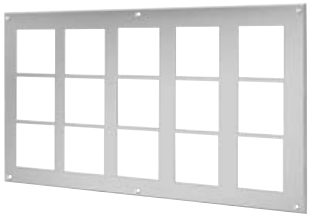
RAL or DB colour
Powder coating optional

Doorbell panels are an extension of the door intercoms and are made in the same material thickness. They can be surface-mounted or flush-mounted.

After technical clarification, existing doorbell panels can also be operated with Behnke electronics. Please ask our info hotline.

- For fitting with Series 20 functional modules
- Up to 100 call buttons with extension
- Bespoke Products on request

Accessories for doorbell panel



21-4623 V2A design
RRP 605,00 Euro +VAT.

20-4623 Aluminium
RRP 505,00 Euro + VAT

Front frame Size 15

- 630 x 330 x 4 mm (W x H x D)
- For 15 functional modules
- Material: aluminium
- Individual configuration with Series 20 functional modules
- Loudspeaker and microphone required
- Price varies depending on configuration



20-5213 Sheet steel
RRP 132,00 Euro +VAT

In-wall housing Size 15

- for doorbell panel
- Size: 15
- 628 x 329 x 85 mm (W x H x D)
- Material: galvanised sheet steel



41-5115 V2A design
RRP 588,00 Euro +VAT.

40-5115 Aluminium
RRP 583,00 Euro + VAT.

On-wall housing Size 15

- 685 x 347 x 105 mm (W x H x D)
- Size: 15 horizontal



21-9094 V2A design
RRP 359,00 Euro +VAT

20-9094 Aluminium
RRP 270,00 Euro + VAT

Cover panel Size 15

- 650 x 350 x 4 mm (W x H x D)
- To correct an oversized cavity

Button extension (IP) for doorbell panel



40-0013-BS Multi-button

RRP 334,00 Euro + VAT

- Button extension (IP) for mounting on 15-way frame (max. 25 call buttons).



40-0009-BS Multi-button

RRP 276,00 Euro + VAT.

- For connecting a further 25 buttons with connector pins
- As an extension for 40-0013-BS

With space
for 3 series 20
function modules



Letterboxes with integrated Door Intercom

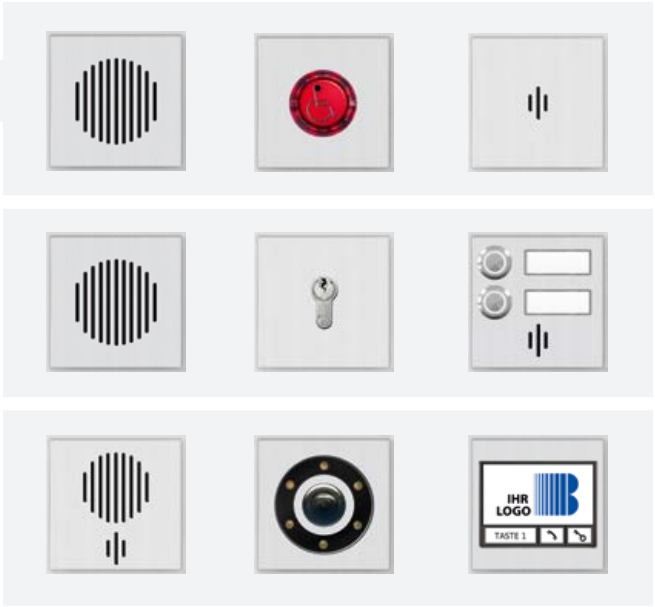


20-5865A Stainless steel
RRP 1.425,00 Euro + VAT
flush-mounted version
(without functional modules)



20-5866A Stainless steel
RRP 1.662,00 Euro + VAT
surface-mounted version
(without functional modules)

RAL or DB colour
Powder coating optional



Examples from the Series 20 “modular system”

Behnke letterbox

Technology
- Hybrid (SIP, a/b, intercom) or ECO (a/b)
- Modular door intercoms (configurable)
- Call buttons and nameplates with white illumination
- Stainless steel body, functional modules in V2A design (anodised finish)

Customisation
- Powder coating (RAL or DB)
- Engraving, printing (e.g. of names, logo or house number)

Installation
- Surface-mounted or flush-mounted

Incl. ECO electronics
Analogue tel. a/b

Incl. hybrid electronics
SIP, a/b, intercom

Mains adapter 20-9585
required for illumination

Power over Ethernet
required

Letterbox with integrated door intercomn

The Behnke stainless steel letterbox is the perfect combination of door intercom and letterbox. Three functional modules in V2A design (Series 20) can be integrated into it. The door intercom can be operated as either a hybrid or an ECO intercom unit.

The letterbox is available in both surface-mounted and flush-mounted versions. It can be equipped with various functions from the Series 20 modular system. The communication unit is therefore not included in the scope of delivery of the letterbox: please order Series 20 functional modules and the required separately mounted electronics (hybrid or ECO), as well as the three counter plates needed to fix the functional modules (20-4904), separately.

- Series 20 functional modules, see page 56
- Counter plates (20-4901), see page 86
- Electronics, see page 82

The Behnke info hotline will be delighted to advise you!

SERIES 20

BEHNKE CONFIGURATOR

Series 20 door intercoms to suit individual requirements

- Choose the a/b or SIP connection type
- Combine the functionality you need
- Choose the colour (RAL)
- Specify the installation type: cavity wall, flush-mounted, cover panel, + rain cover, surface-mounted or column

You receive

- Your individual image of the intercom unit
- A detailed technical description
- Parts list
- Your individual PDF with technical details and RRP prices
- Your individual PDF for end-customer presentation

During configuration you can specify the connection type. Is it a pedestrian entrance, and are accessible elements required? Is integration into a car/HGV column required? Is the connection type analogue (a/b) or via the Session Initiation Protocol (SIP)?

These questions are answered quickly and easily in the first configuration step by selecting the application. Additional features such as display, card reader, keypad, nameplates etc. can also be preset. After entering the desired components, an overview of possible intercom units appears. Image, text and price indicator provide initial guidance. The most suitable device is listed first.

The next step refines the selection by specifying additional criteria such as design, mounting type (surface-mounted, flush-mounted etc.), RAL powder coating and accessories (logo, PoE injector etc.). A short summary of the functions makes it easier to choose the right intercom unit. A detailed description is also available.

Once the desired product is complete, the configurator summarises the result. These documents are available for download or sending by email. Each intercom unit has a order number, which must be quoted when ordering.

Configure now!

Series 20 prices (RRP) • images • RAL • technical specifications • wiring diagrams • common accessories • download

www.behnke-online.de/konfigurator

FUNCTIONS FROM A–Z



Cut-out for flush-mounted insert
E.g. for integrating various switch ranges from other manufacturers into the door intercom.
See page 69



Nameplate
Field for individual labelling, e.g. for house number, logo or notice. A sheet of special paper suitable for inkjet or laser printers is included in the delivery..
See page 71



Motion sensor
With a range of 0.5 to 10 metres, the motion sensor has a volt-free relay contact and can trigger functions in conjunction with SIP electronics. Examples: take a camera image and send it by email, switch on the light, open the door etc.
See page 60



Handicap (call button for the hearing-impaired, IP only)
The Handicap module has three pictograms (call, conversation, door opening).
See page 66



HMI buttons (symbols)
Module with coloured, raised call button and lighting ring (red or yellow).
Symbols: door open, door close, wheelchair user, pushchair, SOS or individual engraving.
See page 67



USB camera
Camera specifications at www.behnke-online.de/kameras
Siehe 58



IP cameras
Camera specifications at www.behnke-online.de/kameras
See page 58



Card readers & card reader panels
In addition to the Behnke card reader, matching card reader panels are also available for products from well-known manufacturers. Card readers are used to open doors or gates via transponder.
See page 72



Loudspeaker (required)
To create the best possible acoustics for the respective environment, Behnke uses different loudspeaker sizes and outputs. A broadband loudspeaker is recommended for car/HGV entrances. Size 3 loudspeakers are used in entrance areas with moderate ambient influences. Size 2 loudspeakers can be used in quiet environments.
See page 59



Blank panel
Blank fields can be used temporarily as placeholders or for engraving logos, notices or house numbers.
See page 71



Microphone (required)
Depending on the volume setting of the door intercom, make sure there is sufficient distance between the loudspeaker and microphone.
See page 61



Emergency direct-call buttons (coloured surround for engraving)
Emergency direct-call buttons with coloured surround for use in schools and public spaces.
See page 64



Pictograms
Symbols milled out of the module, backed with coloured translucent acrylic and backlit, serve as orientation aids in buildings.
See page 78



Emergency buttons
Emergency switches operated with the palm of the hand, as a call button or, for example, as an emergency stop switch as an additional function for machines etc.; module for engraving or with nameplate.
See page 63

Acrylic panel for reverse printing
Frameless acrylic field for digital reverse printing of house numbers, notices or logos.
See page 71



Call button behind glass (engraving optional)
Emergency direct-call button behind glass for use in school buildings and public spaces.
See page 65



Call buttons with nameplate
Illuminated call buttons with interchangeable backlit nameplates.
See page 61



Call buttons with engraving field
As an alternative to nameplates, engraved metal inserts are available.
See page 61



Key switch
For different applications (trigger action, open door, barrier or gate).
See page 69



Keypad (16 keys)
The keypad can be used as a code lock for opening the door or as a keypad (telephone function).
See page 68



Behnke touch display
The multifunctional display can provide call buttons, phone book-, code lock- and keypad function. Graphics such as logos, house numbers and notices can also be displayed. It thus combines many functions in a single module.
See page 77



21-2940A-IP V2A design
RRP 991,00 Euro + VAT
20-2940A-IP Aluminium
RRP 991,00 Euro + VAT.

IP colour camera

- Professional IP camera for intercom units, vertical and square
- LED lighting ring



21-2941-IP MwSt.
RRP 991,00 Euro + VAT

20-2941-IP Aluminium
RRP 991,00 Euro + VAT

IP colour camera

- Professional IP camera for intercom units, horizontal
- LED lighting ring



43-2940A
RRP 1006,00 Euro + VAT

IP colour camera, rear mounting

- LED lighting ring
- for rear mounting with mounting plate



21-2950 V2A design
RRP 486,00 Euro + VAT

20-2950 Aluminium
RRP 469,00 Euro + VAT

USB colour camera

- LED lighting ring



21-1100-BS V2A design
RRP 78,00 Euro + VAT

20-1100-BS Aluminium
RRP 61,00 Euro + VAT

Loudspeaker IP

› Loudspeaker size 3



21-1100 V2A design
RRP 78,00 Euro + VAT

20-1100 Aluminium
RRP 61,00 Euro + VAT

Loudspeaker a/b

› Loudspeaker size 3



EXTRA LOUD

21-1107-BS V2A design
RRP 185,00 Euro + VAT

20-1107-BS Aluminium
RRP 167,00 Euro + VAT

Broadband loudspeaker IP



› For vertical or square door
› intercoms



EXTRA LOUD

21-1107 V2A design
RRP 185,00 Euro + VAT

20-1107 Aluminium
RRP 167,00 Euro + VAT

Broadband loudspeaker a/b



› For vertical or square door intercoms
› Order 7 watt additional amplifier separately



EXTRA LOUD

21-1109-BS V2A design
RRP 185,00 Euro + VAT

20-1109-BS Aluminium
RRP 167,00 Euro + VAT

Broadband loudspeaker IP



› For horizontal door intercoms



EXTRA LOUD

21-1109 V2A design
RRP 180,00 Euro + VAT

20-1109 Aluminium
RRP 167,00 Euro + VAT

Broadband loudspeaker a/b



› For horizontal door intercoms
› Order 7 watt additional amplifier separately



21-1101-BS V2A design
RRP 94,00 Euro + VAT

20-1101-BS Aluminium
RRP 76,00 Euro + VAT

Loudspeaker IP, microphone

› Loudspeaker size 2



21-1101 V2A design
RRP 94,00 Euro + VAT

20-1101 Aluminium
RRP 76,00 Euro + VAT

Loudspeaker a/b, microphone

› Loudspeaker size 2

LS/MIC



Motion sensor
The Behnke motion sensor triggers an action distance, such as taking a photo or sending an email, when it detects a change in distance. The range of the radio sensor is between 0.5 and 10 metres. The opening/detection angle is at least 80° horizontally and higher at close range.



21-1108-BS V2A design
RRP 315,00 Euro + VAT

20-1108-BS Aluminium
RRP 297,00 Euro + VAT

Loudspeaker IP, motion sensor

› Loudspeaker size 2
› Detection angle min. 80°



21-1108 V2A design
RRP 315,00 Euro + VAT

20-1108 Aluminium
RRP 297,00 Euro + VAT

Loudspeaker a/b, motion sensor

› Loudspeaker size 2
› Detection angle min. 80°



21-2440 V2A design
RRP 278,00 Euro + VAT

20-2440 Aluminium
RRP 260,00 Euro + VAT

Motion sensor

› Detection angle min. 80°

MOTION DETECTOR/LS



21-3100 V2A design
RRP 56,00 Euro + VAT

20-3100 Aluminium
RRP 37,00 Euro + VAT

Microphone a/b

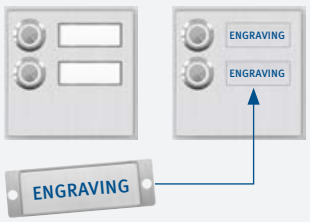


21-3100-BS V2A design
RRP 56,00 Euro + VAT

20-3100-BS Aluminium
RRP 37,00 Euro + VAT

Microphone IP

MICROPHONES



Alternative to the illuminated nameplate

- Aluminium engraving fields are available for optional engraving on the call buttons
- Engraving fields can be ordered separately and standard nameplates can be replaced
- The minimum height of engraved letters is 4.5 mm



41-9401B V2A design
RRP 56,00 Euro + VAT

40-9401B Aluminium
RRP 56,00 Euro + VAT

Engraving field (as an alternative)

- Engraving field and plate for rear fixing on functional modules
- Incl. engraving
- Core material: aluminium



21-3113 V2A design
RRP 105,00 Euro + VAT

20-3113 Aluminium
RRP 88,00 Euro + VAT

1 CB a/b, nameplate, mic

- Nameplate illuminated



21-3113-BS V2A design
RRP 105,00 Euro + VAT

20-3113-BS Aluminium
RRP 88,00 Euro + VAT

1 CB IP, nameplate, mic

- Nameplate illuminated

CALL BUTTONS/MICROPHONES

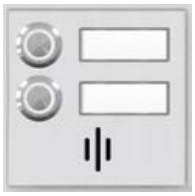


21-3126-BS V2A design
RRP 140,00 Euro + VAT

20-3126-BS Aluminium
RRP 123,00 Euro + VAT.

2 CB IP, nameplates, mico

› Nameplate illuminated



21-3126 V2A design
RRP 140,00 Euro + VAT

20-3126 Aluminium
RRP 123,00 Euro + VAT.

2 CB a/b, nameplates, mic

› Nameplate illuminated



21-2018-BS V2A design
RRP 84,00 Euro + VAT

20-2018-BS Aluminium
RRP 65,00 Euro + VAT

1 CB IP, nameplate

› Call button illuminated

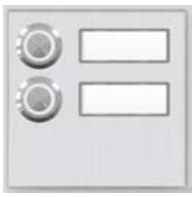


21-2018 V2A design
RRP 84,00 Euro + VAT

20-2018 Aluminium
RRP 65,00 Euro + VAT

1 CB a/b, nameplate

› Call button illuminated

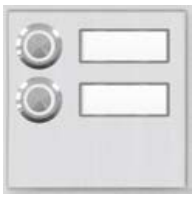


21-2023-BS V2A design
RRP 119,00 Euro + VAT

20-2023-BS Aluminium
RRP 103,00 Euro + VAT.

2 CB IP, nameplates

› Call buttons illuminated



21-2023 V2A design
RRP 119,00 Euro + VAT

20-2023 Aluminium
RRP 103,00 Euro + VAT.

2 CB a/b, nameplates

› Call buttons illuminated



21-2031-BS V2A design
RRP 142,00 Euro + VAT

20-2031-BS Aluminium
RRP 126,00 Euro + VAT

3 CB IP, nameplates

› Call buttons illuminated



21-2031 V2A design
RRP 142,00 Euro + VAT

20-2031 Aluminium
RRP 126,00 Euro + VAT

3 CB a/b, nameplates

› Call buttons illuminated



21-2010-BS V2A design
RRP 69,00 Euro + VAT

20-2010-BS Aluminium
RRP 52,00 Euro + VAT

Call button IP

› Call button illuminated, centred
› well suited for engraving



21-2010 V2A design
RRP 69,00 Euro + VAT

20-2010 Aluminium
RRP 52,00 Euro + VAT

Call button a/b

› Call button illuminated, centred
› well suited for engraving



21-2017-BS V2A design
RRP 69,00 Euro + VAT

20-2017-BS Aluminium
RRP 52,00 Euro + VAT

Call button IP, framed

› Call button illuminated
› Coloured ring, red as standard
(blue, green, yellow or orange optional)
› Please specify colour reference



21-2017 V2A design
RRP 69,00 Euro + VAT

20-2017 Aluminium
RRP 52,00 Euro + VAT

Call button a/b, framed

› Call button illuminated
› Coloured ring, red as standard
(blue, green, yellow or orange optional)
› Please specify colour reference



21-2024-BS V2A design
RRP 95,00 Euro + VAT

20-2024-BS Aluminium
RRP 77,00 Euro + VAT

Call buttons IP, framed

- Call buttons illuminated
- Coloured ring (please specify colour reference: red, blue, green, yellow or orange)



21-2024 V2A design
RRP 95,00 Euro + VAT

20-2024 Aluminium
RRP 77,00 Euro + VAT

Call buttons a/b, framed

- Call buttons illuminated
- Coloured ring (please specify colour reference: red, blue, green, yellow or orange)



RAL or DB colour
Powder coating optional

Direct call to security, fire brigade or police!
With the appropriate call buttons, Behnke door intercoms can also be equipped as emergency phones. Intercom units with framed call buttons or call buttons behind glass are often used in multi-storey car parks, underground car parks, petrol stations, light rail systems and public areas. The front frames and functional modules can optionally be powder-coated in RAL colours. Door intercoms can be designed in the configurator.



21-2014-BS V2A design
RRP 92,00 Euro + VAT

20-2014-BS Aluminium
RRP 73,00 Euro + VAT

Call button behind glass IP

- One call button (behind glass)
- Engraving optional



21-2014 V2A design
RRP 92,00 Euro + VAT

20-2014 Aluminium
RRP 73,00 Euro + VAT

Call button behind glass a/b

- One call button (behind glass)
- Engraving optional



21-2411-BS V2A design
RRP 212,00 Euro + VAT

20-2411-BS Aluminium
RRP 195,00 Euro + VAT

Emergency button IP

- for emergency call or emergency stop



21-2411 V2A design
RRP 212,00 Euro + VAT

20-2411 Aluminium
RRP 195,00 Euro + VAT

Emergency button a/b

- for emergency call or emergency stop



21-2412-BS V2A design
RRP 259,00 Euro + VAT

20-2412-BS Aluminium
RRP 241,00 Euro + VAT

Emergency button IP, nameplate

- for emergency call or emergency stop
- Nameplate illuminated
- Note: nameplate not compatible with engraving field from page 61

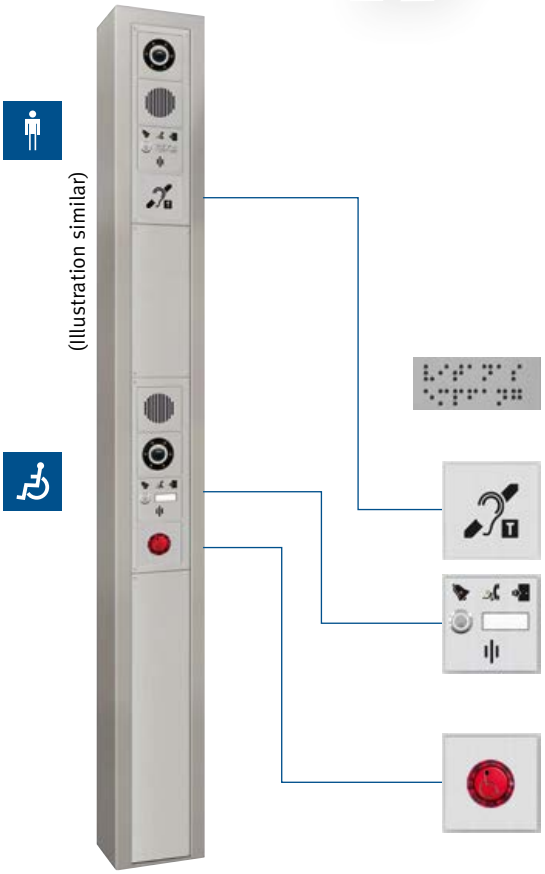


21-2412 V2A design
RRP 259,00 Euro + VAT

20-2412 Aluminium
RRP 241,00 Euro + VAT

Emergency button a/b, nameplate

- for emergency call or emergency stop
- Nameplate illuminated
- Note: nameplate not compatible with engraving field from page 61



Accessibility

Obstacles are not always steps. Often a accessible communication device at the door is missing, making it difficult for people who need assistance to manage. For this purpose, Behnke offers columns with various installation heights for fitting with special functional modules (columns see page 93).

Braille
Braille on request

Inductive hearing loop for people with hearing impairments
For transmitting speech to people with hearing impairments.

LEDs and icons for deaf people
The “Handicap” functional module for deaf people is equipped with a call button and three status icons: LEDs: “bell” = ringing, handset = call, “door” = open.

Help for wheelchair users
To allow wheelchair users to request help quickly, it is advisable to install a special direct-call button. The illuminated HMI button is a good choice for this (see next page).



21-3117-BS V2A design
RRP 177,00 Euro + VAT

20-3117-BS Aluminium
RRP 161,00 Euro + VAT

Call button IP for the deaf

- Status pictograms and coloured LEDs
- Call button illuminated, nameplate, microphone



20-2480-BS Acrylic
RRP 455,00 Euro + VAT

20-2480A-BS Acrylic black
RRP 455,00 Euro + VAT

Induction loop IP for the hard of hearing

- he induction loop enables people with hearing impairments to hear voice announcements
- Optionally also in black (20-2480A)



20-2480 Acrylic
RRP 455,00 Euro + VAT

20-2480A Acrylic black
RRP 455,00 Euro + VAT

Induction loop a/b for the hard of hearing

- The induction loop enables people with hearing impairments to hear voice announcements
- Optionally also in black (20-2480A)

ACCESSIBILITY



21-2051 V2A design
RRP 276,00 Euro + VAT

20-2051 Aluminium
RRP 258,00 Euro + VAT

HMI call button, neutral

- One call button, centred + lighting ring
- Icon: none, engraving on request
- Colour red or yellow (specify when ordering)



21-2051 V2A design
RRP 276,00 Euro + VAT

20-2051 Aluminium
RRP 258,00 Euro + VAT

HMI call button, wheelchair user

- One call button, centred + lighting ring
- Icon: wheelchair user (specify when ordering)
- Colour red or yellow (specify when ordering)



21-2051 V2A design
RRP 276,00 Euro + VAT

20-2051 Aluminium
RRP 258,00 Euro + VAT

HMI call button, door open

- One call button, centred + lighting ring
- Icon: door open (specify when ordering)
- Colour red or yellow (specify when ordering)



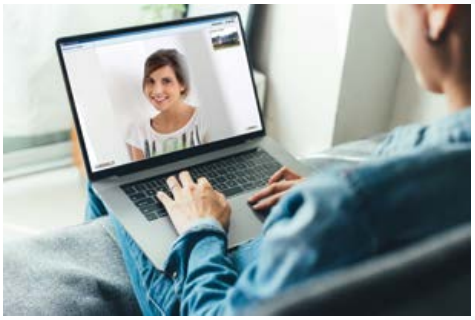




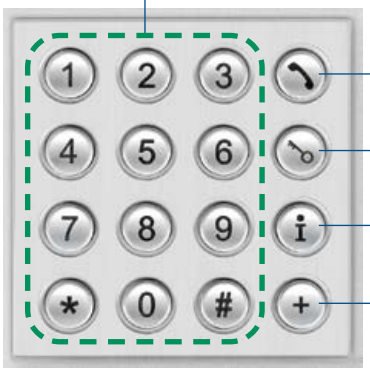
HMI call buttons in yellow

The call buttons are also available in yellow; please specify the desired colour and icon when ordering.

HMI BUTTONS



Video IP software
View the door video and videos from other integrated surveillance cameras: continue to use the existing infrastructure including terminals and install the Behnke IP video software on the Windows PC. The image is displayed before the receiver is picked up. The door is opened conveniently with a mouse click.



Keypad

The multifunctional Behnke keypad can be enabled both for entering codes (relay triggering) and for dialling telephone numbers This means that with the keypad, doors, barriers and gates can be opened.

The button can be assigned a direct-dial destination; this makes it possible, for example, to connect to the gatekeeper.

When the speed-dial function of the button is activated, entering a two-digit code (00 to 99) dials one of up to 100 stored speed-dial destinations.



21-2001-BS V2A design
RRP 225,00 Euro + VAT

20-2001-BS Aluminium
RRP 207,00 Euro + VAT

Keypad IP

- Keypad with 16 keys
- Code lock and telephone function in conjunction with electronics



21-2501A-BS V2A design
RRP 342,00 Euro + VAT

20-2501A-BS Aluminium
RRP 324,00 Euro + VAT

Keypad IP illuminated

- Keypad with 16 keys
- Code lock and telephone function in conjunction with electronics

KEYPAD/CODE LOCK



21-2401-BS V2A design
RRP 176,00 Euro + VAT

20-2401-BS Aluminium
RRP 159,00 Euro + VAT

Key switch IP

- With switch insert (control push-button, others on request)
- Without half cylinder

KEY SWITCH



21-2401 V2A design
RRP 176,00 Euro + VAT

20-2401 Aluminium
RRP 159,00 Euro + VAT

Key switch a/b

- With switch insert (control push-button, others on request)
- Without half cylinder



Cavity-wall flush-mounted box insert
Module 20-2008 corresponds to a cavity-wall flush-mounted box. Flush-mounted inserts can be screwed in and connected to the Behnke door intercom, such as code locks, motion detectors, flashing lights or special card readers. The relevant safety regulations and the VDE standards and regulations must be observed.



21-2008 V2A design
RRP 66,00 Euro + VAT

20-2008 Aluminium
RRP 48,00 Euro + VAT

Cut-out for flush-mounted insert

- Cut-out Ø 60 mm
- For integrating plugs, switches, suitable card readers etc. into the door intercom

FLUSH MOUNTED BOX

Fingerprint reader

The “ekey home control unit” for DIN-rail mounting has been equipped with a relay. This allows functions such as opening front doors, flat doors, garage doors etc.

to be triggered. The control unit is designed for fixed mounting on a DIN rail (e.g. in a distribution board) for use in protected indoor areas.



21-2421A V2A design
RRP 1.196,00 Euro zzgl. VAT

20-2421A Aluminium
RRP 1.179,00 Euro zzgl. VAT

Fingerprint reader

- Fingerprint reader, ekey sensor + electronic

Also included (fig. left).



21-2422A V2A design
RRP 251,00 Euro + VAT

20-2422A Aluminium
RRP 251,00 Euro + VAT

Module for ekey fingerprint reader

- ekey panel without electronics

The ekey home FS UP I reader unit (fig. left) can be installed in the module.

FINGERPRINT



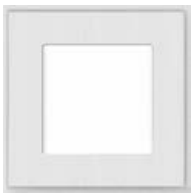
Example display

Highlight: Behnke touch display

- Call buttons
- Phone book
- Keypad
- Code lock
- Notices and much more

21-2006-BS V2A design
RRP 538,00 Euro + VAT

20-2006-BS Aluminium
RRP 512,00 Euro + VAT



21-2003 V2A design
RRP 92,00 Euro + VAT

20-2003 Aluminium
RRP 77,00 Euro + VAT

Nameplate

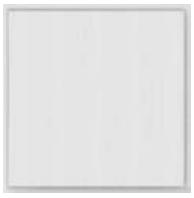
- Field is backlit
- Field size: 54 x 54 mm (H x W)



20-2002 Acrylic
RRP 20,00 Euro + VAT

Blank panel (acrylic)

- Suitable for reverse printing (digital printing)



21-2000 V2A design
RRP 35,00 Euro + VAT

20-2000 Aluminium
RRP 18,00 Euro + VAT

Blank panel (metal)

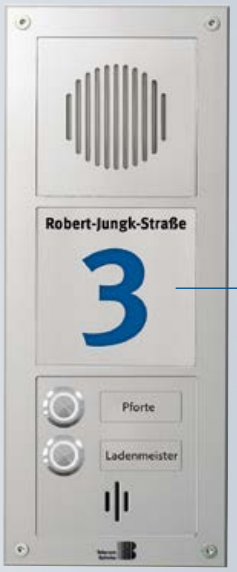
- Optionally suitable for engraving (e.g. with house number, logo or notice)



Example: large backlit label field 20-2003. The enclosed paper can be printed with a laser or inkjet printer.



Example: acrylic panel 20-2002 with logo digitally reverse-printed, white backing.



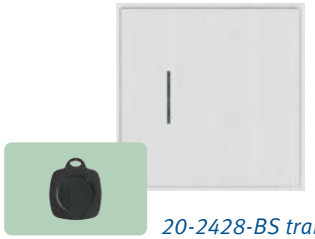
Example: blank panel 20-2000 with engraved logo. The engraving has been colour-filled.

Opening via transponder

Opening the door with a transponder is a convenient yet secure way of gaining access to a building. Simply hold the transponder in front of the card reader and the door can be opened. The Behnke modular system allows integration of numerous card reader systems from well-known manufacturers.

To protect against abrasion and vandalism, the card reader modules are screen-printed on the reverse.





20-2450-BS Acrylic, grey
RRP 551,00 Euro + VAT

Behnke USB card reader

- Only in combination with Behnke
- Station and Series 15

20-2428-BS transponder RRP Euro10.00 + VAT – illustration similar.



20-2408 Acrylic, grey
RRP 40,00 Euro + VAT

20-2408A Acrylic,black
RRP 61,00 Euro + VAT

Neutral card reader panel

- Aluminium look
- Panel without electronics for contactless card readers from various manufacturers



20-2423 Acrylic, grey
RRP 359,00 Euro + VAT

Feig card reader including electronics

- Aluminium look
- Order transponders separately

20-2428 Feig transponder RRP Euro10.00 + VAT



20-2424 Acrylic, grey
RRP 45,00 Euro + VAT

Feig card reader panel

- Aluminium look
- Panel without electronics for Feig keycode reader (www.feig.de)

CARD READER PANEL



20-2429 Acrylic
RRP 68,00 Euro + VAT

PHG card reader panel

- Aluminium look
- Panel without electronics
- for PHG keycode reader
- (www.phg.de)



20-2432 Acrylic
RRP 68,00 Euro + VAT

Miditec card reader panel

- Aluminium look
- Panel without electronics for Miditec key-code reader (www.miditec.de)



20-2433A Acrylic, black
RRP 55,00 Euro + VAT

dormakaba card reader panel

- Black look
- Panel without electronics for registration unit 90 00 (www.dormakaba.de)



20-2434 Acrylic
RRP 68,00 Euro + VAT

PCS card reader panel

- Aluminium look
- Panel without electronics for PCS keycode reader Intus 400 (www.pcs.de)



20-2439 Acrylic
RRP 81,00 Euro + VAT

ISGUS card reader panel

- Aluminium look
- Panel without electronics for ISGUS keycode reader (www.isgus.de)



Acrylic
available at Interflex for Behnke Intercoms

Interflex card reader panel

- Aluminium look
- www.interflex.de

CARD READER PANEL

CARD READER PANEL



Acrylic
Available from Dorma for Behnke door intercoms

Dorma card reader panel

- Aluminium look
- Suitable for Dorma S6-R access
- reader (www.dormakaba.de)



Acrylic, black
Available from Paco unlimited for Behnke door intercoms

Paco unlimited card reader panel

- Black look
- www.paco-unlimited.de



Acrylic
Available from Primion for Behnke door intercoms

Primion card reader panel

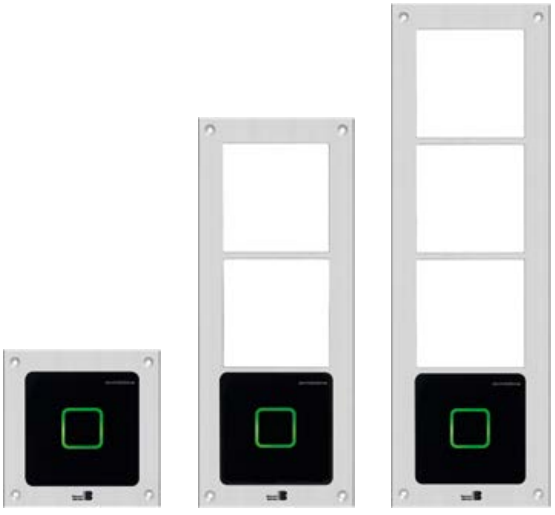
- Aluminium look
- Panel without electronics for Primion key-code reader (www.primion.de)



Aluminium
Available from Sesam for Behnke door intercoms

Sesam card reader panel

- Panel without electronics
- for Sesam keycode reader (www.sesam.de)



Size 1 Size 3 Size 4

Front frame for Dormakaba compact reader

21-4130 Size 1, V2A design
RRP 233,00 Euro + VAT

20-4130 Size 1, Aluminium
RRP 211,00 Euro + VAT

21-4330 Size 3, V2A design
RRP 279,00 Euro + VAT

20-4330 Size 3, Aluminium
RRP 259,00 Euro + VAT

21-4430 Size 4, V2A design
RRP 307,00 Euro + VAT

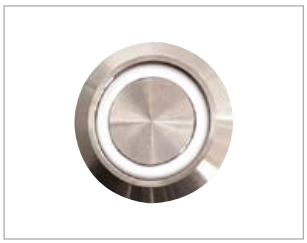
20-4430 Size 4, Aluminium
RRP 286,00 Euro + VAT

- Installation option for a Dormakaba compact reader (91 10 / 91 12) or a Dormakaba registration unit (90 01 / 90 02)
- Card reader not included in the scope of delivery. Please obtain Size 1 Size 3 Size 4 separately from Dormakaba



Would you like colourful illuminated call buttons?
Call buttons are available in the standard colours (white, red, blue or green). They are suitable for replacing standard call buttons in Series 20 functional modules for all operating modes (please order in addition to the functional modules).

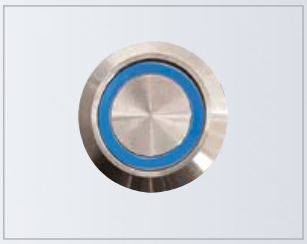
Call buttons as replacement parts or for rear-mounting solutions



20-9110-BS für IP
RRP 61,00 Euro + VAT

20-9110B für a/b
RRP 57,00 Euro + VAT

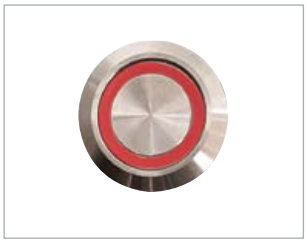
- Behnke standard version
- Call button white illuminated, stainless steel



20-9117-BS für IP
RRP 61,00 Euro + VAT

20-9117B für a/b
RRP 57,00 Euro + VAT

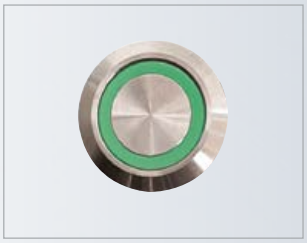
- Call button blue illuminated, stainless steel



20-9118-BS für IP
RRP 61,00 Euro + VAT

20-9118B für a/b
RRP 57,00 Euro + VAT

- Call button red illuminated, stainless steel



20-9119-BS für IP
RRP 61,00 Euro + VAT

20-9119B für a/b
RRP 57,00 Euro + VAT

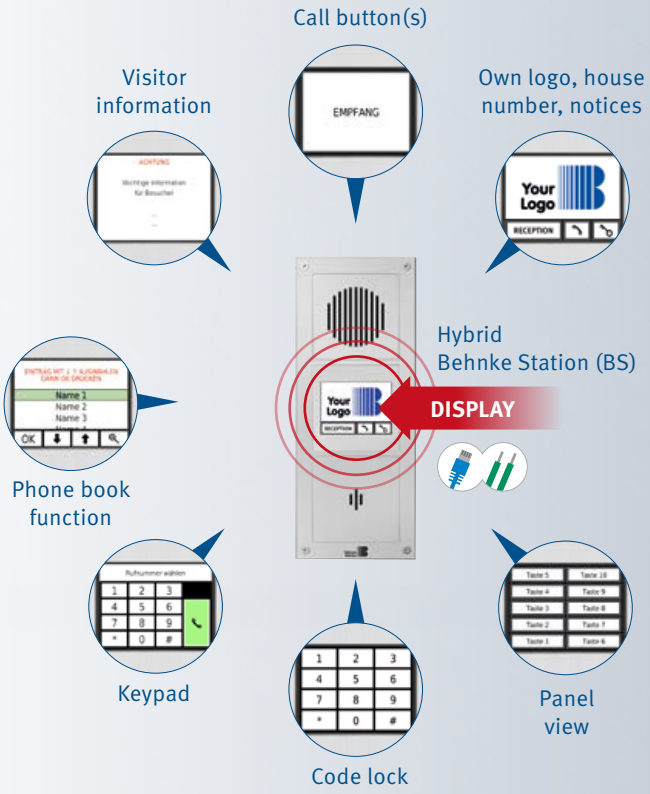
- Call button green illuminated, stainless steel

3.5" touch display = multifunction on board! NEU !

Whether one or several call buttons, keypad or phone book function, welcome texts, date-related notices, house numbers or your own company logo: with the touch display in the Behnke Station (hybrid connection type), you turn your door intercom into a multifunctional device.

The bright display is easy to read at night. The screen design can be flexibly adapted in the door intercom's front end, where company logos can also be uploaded.





Features

The display supports common image file formats of up to 10 MB and allows the image display size to be adjusted. Font size, font colour, text alignment and background colour can also be configured individually.

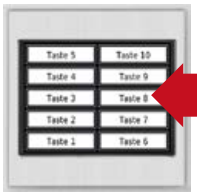
A relay can be triggered by entering a code via the code lock. In terms of functionality, it thus replaces the keypad.

Any telephone number can be dialled using the telephone function. If the device is idle for a certain time (freely adjustable between 5–90 s), it can be switched off to protect the screen. As soon as the touch display is touched or the device is otherwise activated, it switches on again. If a camera is also installed, it can be used for motion detection and is able to deactivate the screen saver when there is movement in front of the device.

The display backlight can be dimmed if required. For example, a reduced brightness of 10–20% can be set so that visitors can still see the available display functions when the screen saver is active.



The touch display 21-2006-BS can provide different functions in a single module.





Display up to 10 call buttons ...





... or up to 300 scrollable call destinations ...





... or open the door with a numeric code .....





... or call a telephone number ...







... or image / text display.

TOUCH DISPLAY



21-2551 V2A design
RRP 176,00 Euro + VAT

20-2551 Aluminium
RRP 181,00 Euro + VAT

Pictogram wheelchair user

- Pictogram backlit
- Material: aluminium, acrylic



21-2552 V2A design
RRP 181,00 Euro + VAT

20-2552 Aluminium
RRP 181,00 Euro + VAT

Pictogram lift

- Pictogram backlit
- Material: aluminium, acrylic



21-2553 V2A design
RRP 181,00 Euro + VAT

20-2553 Aluminium
RRP 181,00 Euro + VAT

Pictogram ladies

- Pictogram backlit
- Material: aluminium, acrylic



21-2554 V2A design
RRP 181,00 Euro + VAT

20-2554 Aluminium
RRP 181,00 Euro + VAT

Pictogram info

- Pictogram backlit
- Material: aluminium, acrylic



21-2556 V2A design
RRP 181,00 Euro + VAT

20-2556 Aluminium
RRP 181,00 Euro + VAT

Pictogram arrow

- Pictogram backlit
- Material: aluminium, acrylic

Please specify colour: blue, white, yellow, green or red.



21-2557 V2A design
RRP 181,00 Euro + VAT

20-2557 Aluminium
RRP 181,00 Euro + VAT

Pictogram gentlemen

- Pictogram backlit
- Material: aluminium, acrylic

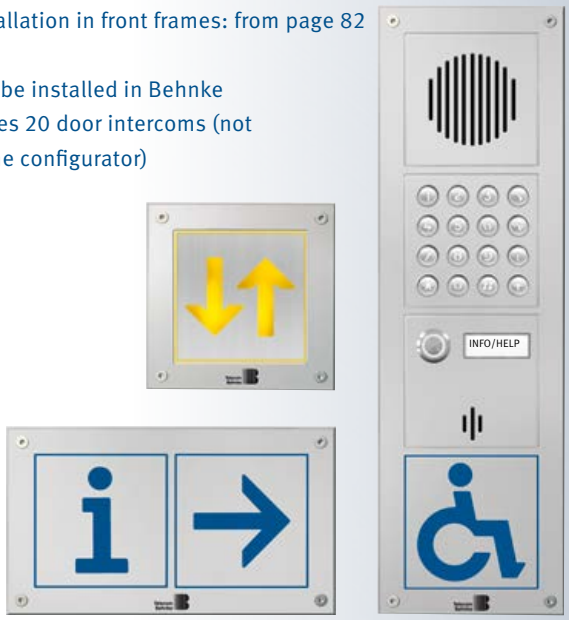
Behnke signage system

Language-independent pictograms make it easy to find your way around buildings, as they can be grasped and interpreted correctly at once without any language or reading barrier. The milled-out symbols (material: aluminium) are backed with a coloured acrylic pane and backlit. The functional modules can be combined with Series 20 door intercoms. The symbols shown are examples. Other symbols or colours are available on request.

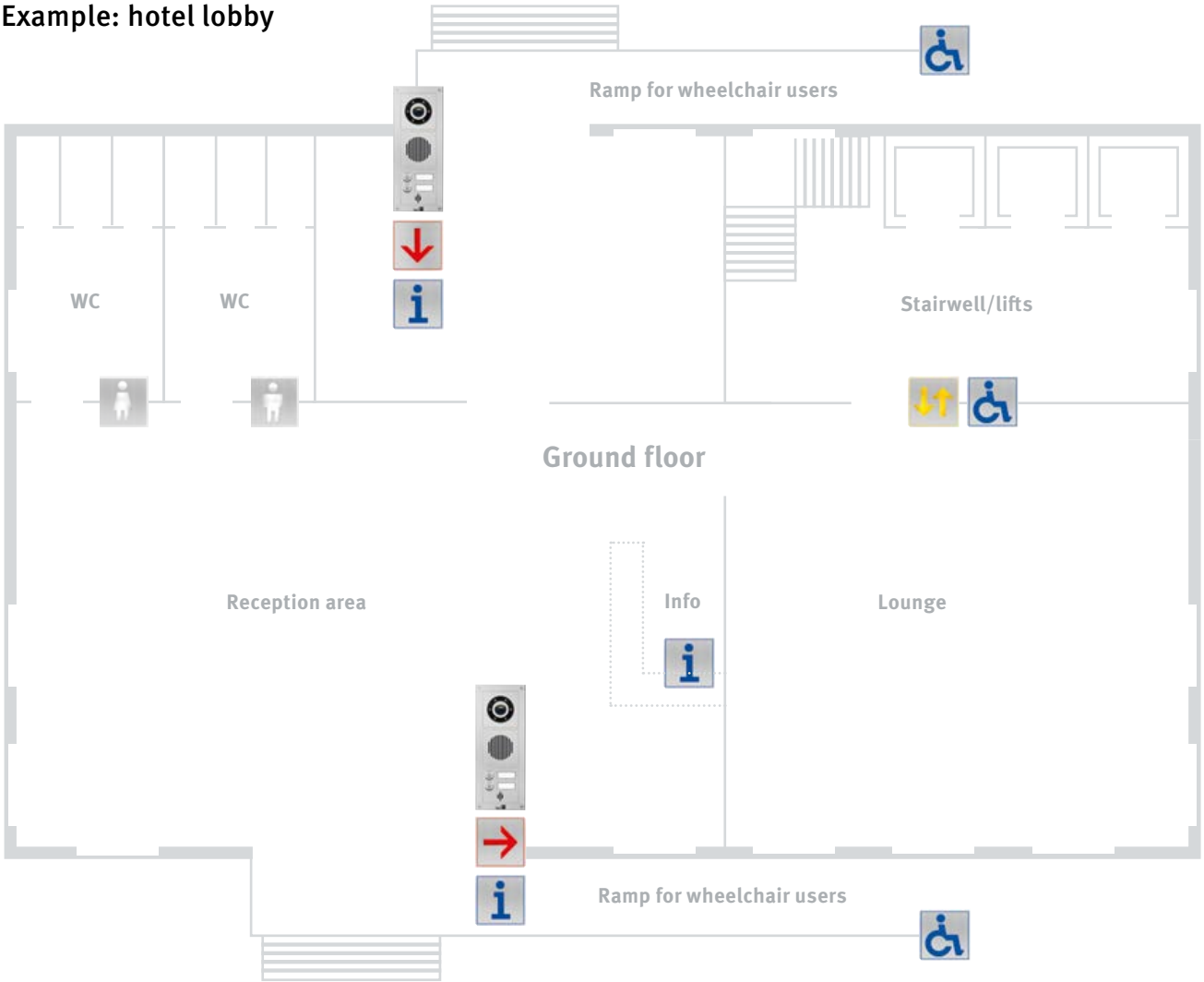
- Can be integrated into Series 20 door intercoms
- Can be integrated into Series 20 columns
- Stand-alone in the look of Behnke door intercoms (Series 20 front frames can be used)
- Individual icons on request
- Backlit

Installation in front frames: from page 82

Can be installed in Behnke Series 20 door intercoms (not in the configurator)



Example: hotel lobby



Front frame vertical/square



21-4100 V2A design
RRP 60,00 Euro + VAT

20-4100 Aluminium
RRP 42,00 Euro + VAT

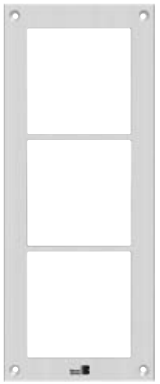
- Frame, size: 1
- 120 x 120 x 4 mm (W x H x D)



21-4210 V2A design
RRP 88,00 Euro + VAT

20-4210 Aluminium
RRP 66,00 Euro + VAT

- Frame, size: 2 vertical
- 120 x 210 x 4 mm (W x H x D)



21-4310 V2A design
RRP 121,00 Euro + VAT

20-4310 Aluminium
RRP 99,00 Euro + VAT

- Frame, size: 3 vertical
- 120 x 300 x 4 mm (W x H x D)



21-4403 V2A design
RRP 146,00 Euro + VAT

20-4403 Aluminium
RRP 124,00 Euro + VAT

- Frame, size: 4 vertical
- 120 x 390 x 4 mm (W x H x D)



21-4400A V2A design
RRP 146,00 Euro + VAT

20-4400A Aluminium
RRP 124,00 Euro + VAT

- Frame, size: 4 square
- 230 x 210 x 4 mm (W x H x D)



21-4611A V2A design
RRP 203,00 Euro + VAT

20-4611A Aluminium
RRP 170,00 Euro + VAT

- Frame, size: 6 vertical
- 230 x 300 x 4 mm (W x H x D)

Front frame horizontal



21-4220 V2A design
RRP 88,00 Euro + VAT

20-4220 Aluminium
RRP 66,00 Euro + VAT

- Frame, size: 2 horizontal
- 210 x 120 x 4 mm (W x H x D)



21-4320 V2A design
RRP 121,00 Euro + VAT

20-4320 Aluminium
RRP 99,00 Euro + VAT

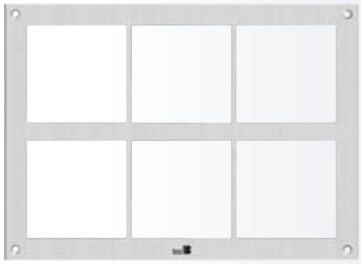
- Frame, size: 3 horizontal
- 300 x 120 x 4 mm (W x H x D)



21-4404 V2A design
RRP 146,00 Euro + VAT

20-4404 Aluminium
RRP 124,00 Euro + VAT

- Frame, size: 4 horizontal
- 390 x 120 x 4 mm (W x H x D)



21-4622A V2A design
RRP 203,00 Euro + VAT

20-4622A Aluminium
RRP 170,00 Euro + VAT

- Frame, size: 6 horizontal
- 300 x 230 x 4 mm (W x H x D)

BS electronics door intercoms Series 20 + 50
for hybrid intercom units



20-0014-BS
RRP 774,00 Euro + VAT

20-0015-BS *
RRP 789,00 Euro + VAT

SIP electronics intercom unit size 2

- 108 x 198 x 72 mm (W x H x D)



20-0016-BS
RRP 774,00 Euro + VAT

20-0017-BS *
RRP 789,00 Euro + VAT

SIP electronics size 2, for separately mounted electronics

- 123 x 205,5 x 40 mm (W x H x D)

* These electronics are required when installing the Behnke touch display!



20-0001-BS
RRP 774,00 Euro + VAT

20-0003-BS *
RRP 789,00 Euro + VAT

SIP electronics intercom unit size 3

- 108 x 288 x 72 mm (W x H x D)

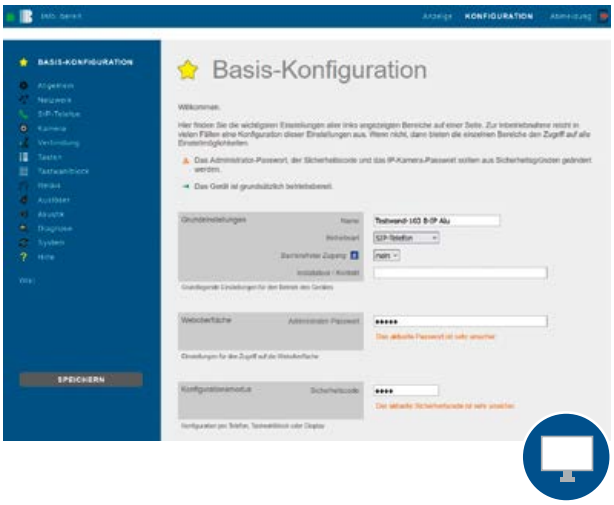


SIP electronics size 4

- SIP electronic 20-0001-BS or 20-0003-BS
- counter plate 20-4908

* These electronics are required when installing the Behnke touch display!

BS ELECTRONIC



Browser-based web front end

SIP special features

- Set-up via user interface (web front end)
- Assignment of different user permissions for the web
- front end (e.g. admin and restricted user)
- Set-up of two SIP accounts
- Automatic volume adjustment to ambient conditions
- Support for SIP video H.264 and VP8
- Creation of voice announcements by text input (greetings
- etc.) with internet connection
- Schedules with preset holiday calendar etc.
- Contactless reader (optional), management of access
- permissions via the intercom unit's web front end
- Remote mounting of the electronics possible up to 50 m
- Door release button

a/b electronics door intercoms Series 20 + 50 ECO
for intercom units with up to max. 4 call buttons



20-0014E
RRP 386,00 Euro + VAT

a/b electronics intercom unit size 2 and 4 (square) with max. 4 call buttons

› 108 x 198 x 72 mm (W x H x D)



20-0016E
RRP 359,00 Euro + VAT

a/b electronics for separately mounted electronics with max. 4 call buttons

› 97 x 202 x 37 mm (W x H x D)



20-0001E
RRP 388,00 Euro + VAT

a/b electronics intercom unit size 3 and 6 with max. 4 call buttons

› 108 x 288 x 72 mm (W x H x D)



20-0043E
RRP 390,00 Euro + VAT

a/b electronics intercom unit size: 4 (vertical / horizontal) with max. 4 call buttons

› 108 x 378 x 72 mm (W x H x D)

a/b ECO

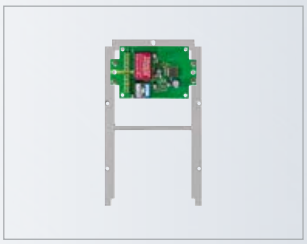
Additional amplifier



20-0054

RRP 127,00 Euro + VAT

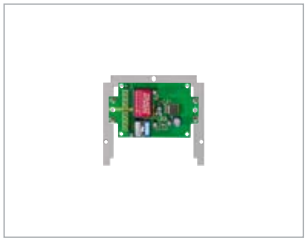
- Additional amplifier 7 W
- For connecting the horn or broadband loudspeaker to the a/b electronics
- 90 x 120 x 50 mm (W x H x D)



20-0056

RRP 127,00 Euro + VAT

- Additional amplifier 7 W
- For connecting the horn or broadband loudspeaker to the a/b electronics. Mounted on additional counter plate size 2



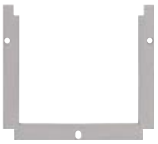
20-0055

RRP 127,00 Euro + VAT

- Additional amplifier 7 W
- For connecting the horn or broadband loudspeaker to the a/b electronics
- Mounted on additional counter plate size 1

If the “regular” volume of your Behnke door intercom is not sufficient, you can connect a horn loudspeaker to the electronics using the additional amplifier.

Open Backplates



20-4908 Stainless steel
RRP 5,00 Euro + VAT

- Size 1
- To extend the electronics housing by one module slot



20-4909 Stainless steel
RRP 7,00 Euro + VAT

- Size 2
- To extend the electronics housing by two module slots



20-4901 Stainless steel
RRP 6,00 Euro + VAT

- Size 1
- For mounting on frames, e.g. with separately mounted electronics (open)



20-4902 Stainless steel
RRP 7,00 Euro + VAT

- Size 2
- For mounting on frames, e.g. with separately mounted electronics (open)



20-4903 Stainless steel
RRP 8,00 Euro + VAT

- Size 3
- For mounting on frames, e.g. with separately mounted electronics (open)



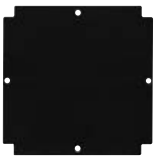
20-4910 Stainless steel
RRP 10,00 Euro + VAT

- Size 4
- For mounting on frames, e.g. with separately mounted electronics (open)

If no electronics are integrated into the intercom unit, counter plates are used: for example, with remotely mounted electronics, or if the front panels are larger than the electronics. Open counter plates are used to fix modules to the front frame when the electronics do not do this.

COUNTER PLATES

Closed counter plates



20-4907 black
RRP 7,00 Euro + VAT

20-4911 white
RRP 7,00 Euro + VAT

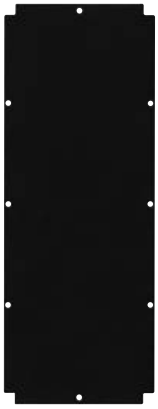
- Size 1
- Material: powder-coated sheet steel



20-4906 black
RRP 7,00 Euro + VAT

20-4912 white
RRP 7,00 Euro + VAT

- Size 2
- Material: powder-coated sheet steel



20-4905 black
RRP 7,00 Euro + VAT

20-4914 white
RRP 7,00 Euro + VAT

- Size 3
- Material: powder-coated sheet steel

Closed counter plates are required when using the acrylic module 20-2002 (nameplate). The closed counter plates are available in black or white.



- To install the in-wall housing in drywall, please use the cavity-wall mounting kit 20-5216 on page 168

In-wall housing



20-5204
Galvanised sheet
RRP 45,00 Euro + VAT

- Size: 1
- External dimensions: 118 x 118 x 87 mm (W x H x D)



20-5210
Galvanised sheet
RRP 44,00 Euro + VAT

- Size: 2
- External dimensions: 118 x 208 x 87 mm (W x H x D)



20-5200
Galvanised sheet
RRP 47,00 Euro + VAT

- Size: 3
- External dimensions: 118 x 298 x 87 mm (W x H x D)



20-5211
Galvanised sheet
RRP 55,00 Euro + VAT

- Size: 4
- External dimensions: 118 x 388 x 87 mm (W x H x D)



20-5201A
Galvanised sheet
RRP 58,00 Euro + VAT

- Size: 4 square
- External dimensions: 228 x 208 x 87 mm (W x H x D)



20-5209
Galvanised sheet
RRP 92,00 Euro + VAT

- Size: 6
- External dimensions: 228 x 298 x 87 mm (W x H x D)

Cover panels



21-9013 V2A design
RRP 87,00 Euro + VAT

20-9013 Aluminium
RRP 58,00 Euro + VAT

- Size: 1
- 140 x 140 x 4 mm (W x H x D)
- For correction if the wall-cut-out is too large



21-9004 V2A design
RRP 87,00 Euro + VAT

20-9004 Aluminium
RRP 58,00 Euro + VAT

- Size: 2
- 140 x 230 x 4 mm (W x H x D)
- For correction if the wall-cut-out is too large



21-9000 V2A design
RRP 87,00 Euro + VAT

20-9000 Aluminium
RRP 69,00 Euro + VAT

- Size: 3
- 140 x 320 x 4 mm (W x H x D)
- For correction if the wall cut-out is too large



21-9005 V2A design
RRP 101,00 Euro + VAT

20-9005 Aluminium
RRP 78,00 Euro + VAT

- Size: 4
- 140 x 410 x 4 mm (W x H x D)
- For correction if the wall cut-out is too large



21-9090A V2A design
RRP 101,00 Euro + VAT

20-9090A Aluminium
RRP 78,00 Euro + VAT

- Size: 4 square
- 250 x 230 x 4 mm (W x H x D)
- For correction if the wall cut-out is too large



21-9093 V2A design
RRP 179,00 Euro + VAT

20-9093 Aluminium
RRP 134,00 Euro + VAT

- Size: 6
- 250 x 320 x 4 mm (W x H x D)
- For correction if the wall-cut-out is too large

Rainproof cover



20-9062 Stainless steel
RRP 110,00 Euro + VAT

20-9066 RAL 9006
RRP 110,00 Euro + VAT

- Size: 2
- 152 x 219 x 65 mm (W x H x D)
- Flush mounting only



20-9063 Stainless steel
RRP 113,00 Euro + VAT

20-9067 RAL 9006
RRP 113,00 Euro + VAT

- Size: 3
- 152 x 309 x 65 mm (W x H x D)
- Flush mounting only



20-9064 Stainless steel
RRP 114,00 Euro + VAT

20-9068 RAL 9006
RRP 114,00 Euro + VAT

- Size: 4
- 152 x 399 x 65 mm (W x H x D)
- Flush mounting only

Rainproof cover

Provide additional protection for intercom units that are exposed to heavy rain due to their orientation.

Please note that the rain canopies can only be used with flush-mounted Behnke intercom units.
A combination of rain canopy + Cover panel kit (from page 90) or rain canopy + column (from page 93) is not possible.

Rain flap



20-9014 Acrylic
RRP 109,00 Euro + VAT

- Size: 2
- Splash and wind protection
- Aluminium handle



20-9006 Acrylic
RRP 123,00 Euro + VAT

- Size: 3
- Splash and wind
- protection
- Aluminium hande

RAINPROOF COVER

On-wall housing



41-5101 V2A design
RRP 173,00 Euro + VAT

40-5101 Aluminium
RRP 157,00 Euro + VAT

- Size: 1
- 157 x 136,5 x 96 mm (W x H x D)



41-5102 V2A design
RRP 176,00 Euro + VAT

40-5102 Aluminium
RRP 160,00 Euro + VAT

- Size: 2
- 157 x 226,5 x 96 mm (W x H x D)



41-5103 V2A design
RRP 180,00 Euro + VAT

40-5103 Aluminium
RRP 164,00 Euro + VAT

- Size: 3
- 157 x 316,5 x 96 mm (W x H x D)



41-5104 V2A design
RRP 192,00 Euro + VAT

40-5104 Aluminium
RRP 176,00 Euro + VAT

- Size: 4
- 157 x 406,5 x 95 mm (W x H x D)



41-5105A V2A design
RRP 210,00 Euro + VAT

40-5105A Aluminium
RRP 194,00 Euro + VAT

- Size: 4 square
- 267 x 226,5 x 112,5 mm (W x H x D)



41-5106 V2A design
RRP 257,00 Euro + VAT

40-5106 Aluminium
RRP 242,00 Euro + VAT

- Size: 6
- 267 x 316,5 x 112,5 mm (W x H x D)

Columns Series 20

The stainless steel columns from the Behnke standard range can be fitted with Series 20 door intercoms and functional modules. Functions from partner systems such as card readers or key switches can be integrated into the door intercoms. The columns with variable cover panels allow fitting a intercom at wheelchair height or at pedestrian, car and HGV height.

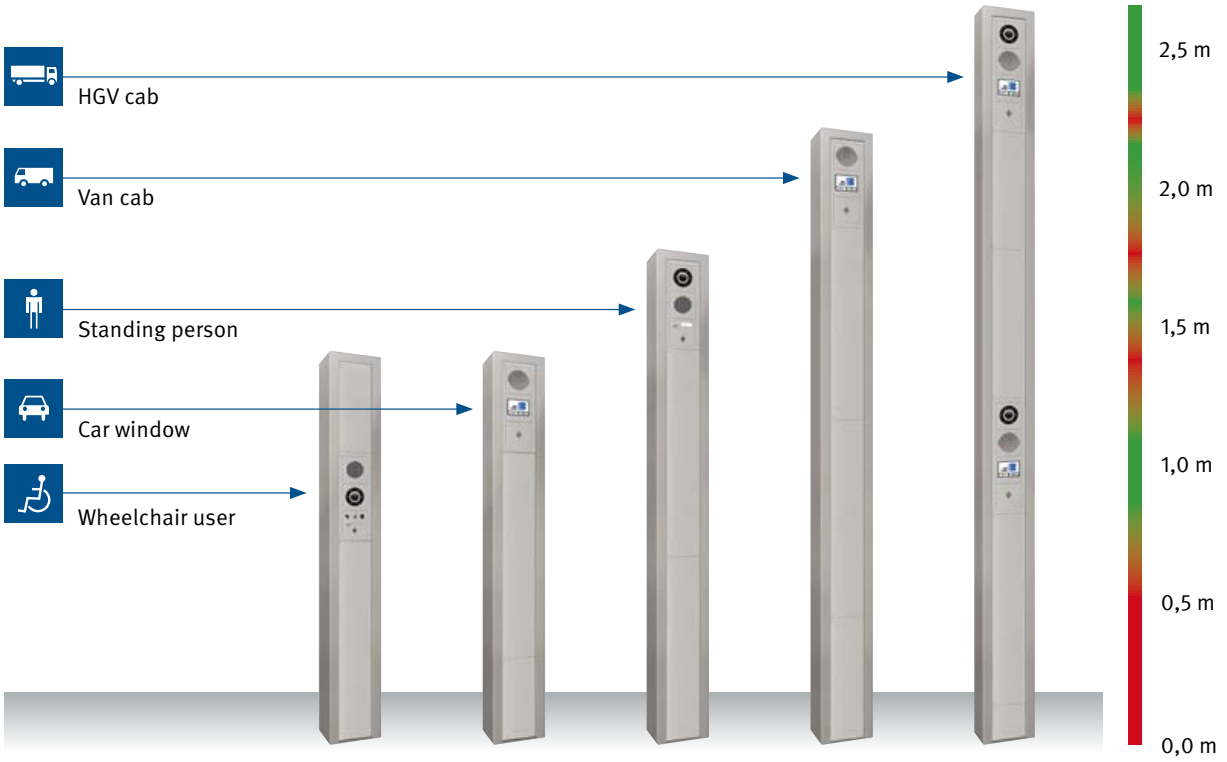


More choice online

Configure the right door intercom for you
behnke-online.de/standsaeulen

Manuals	behnke-online.de/saeulea
Installation drawings	behnke-online.de/saeuleb

Columns Type L



Total height approx.	1,35 m	1,35 m	1,75 m	2,20 m	2,60 m

Columns Type L



Example

20-5502A body type L 1,35 m

RRP 844,00 Euro + VAT

- Stainless steel column
- Can be fitted with intercom units 120 mm wide (please order separately)

Intercom unit (please order separately)

- Column dimensions: 197 x 1350 x 147 mm (W x H x D)

Cover panel kit 1

21-5334 V2A design
RRP 375,00 Euro + VAT

20-5334 Aluminium
RRP 290,00 Euro + VAT

- 1 x panel (bevelled edge), dimensions: 120 x 700 mm (W x H)
- 1 x panel (without bevel), dimensions: 120 x 700 mm (W x H)
- 3 x clamping plate

When fitted with a second intercom unit: cover panels on request.



Example

20-5501A body type L 1,75 m

RRP 895,00 Euro + VAT

- Stainless steel column
- Can be fitted with intercom units 120 mm wide (please order separately)

Intercom unit (please order separately)

- Column dimensions: 197 x 1750 x 147 mm (W x H x D)

Cover panel kit 1

21-5334 V2A design
RRP 375,00 Euro + VAT

20-5334 Aluminium
RRP 290,00 Euro + VAT

- 1 x panel (bevelled edge), dimensions: 120 x 700 mm (W x H)
- 1 x panel (without bevel), dimensions: 120 x 700 mm (W x H)
- 3 x clamping plate

When fitted with a second intercom unit: cover panels on request.

Columns Type L

At entrances and barrier systems in particular, a column with an intercom unit at car height (approx. 1.40 m) is often not enough to ensure fast and smooth access. HGV drivers must also be able to operate the intercom unit comfortably from their cab.



Example

20-5516A body type L 2,20 m

RRP 1.523,00 Euro + VAT

- Stainless steel column
- Can be fitted with intercom units 120 mm wide (please order separately)

Intercom unit (please order separately)

- Column dimensions: 197 x 2200 x 147 mm (W x H x D)

Cover panel kit 2

21-5335 V2A design
RRP 555,00 Euro + VAT

20-5335 Aluminium
RRP 427,00 Euro + VAT

- 1 x panel (bevelled edge), dimensions: 120 x 700 mm (W x H)
- 2 x panel (without bevel), dimensions: 120 x 700 mm (W x H)
- 4 x clamping plate

Cover panel kit 3

21-5336 V2A design
RRP 542,00 Euro + VAT

20-5336 Aluminium
RRP 413,00 Euro + VAT

- 1 x panel (bevelled edge), dimensions: 120 x 700 mm (W x H)
- 1 x panel (without bevel), dimensions: 120 x 700 mm (W x H)
- 1 x panel (bevelled on both sides), dimensions: 120 x 500 mm (W x H)
- 5 x clamping plate

When fitted with a second intercom unit: cover panels on request.

Columns Type L



Example

20-5517A Body type L 2,60 m

RRP 1.843,00 Euro + VAT

- Stainless steel column
- Can be fitted with intercom units 120 mm wide (please order separately)

Intercom unit (please order separately)

- Column dimensions: 197 x 2600 x 147 mm (W x H x D)

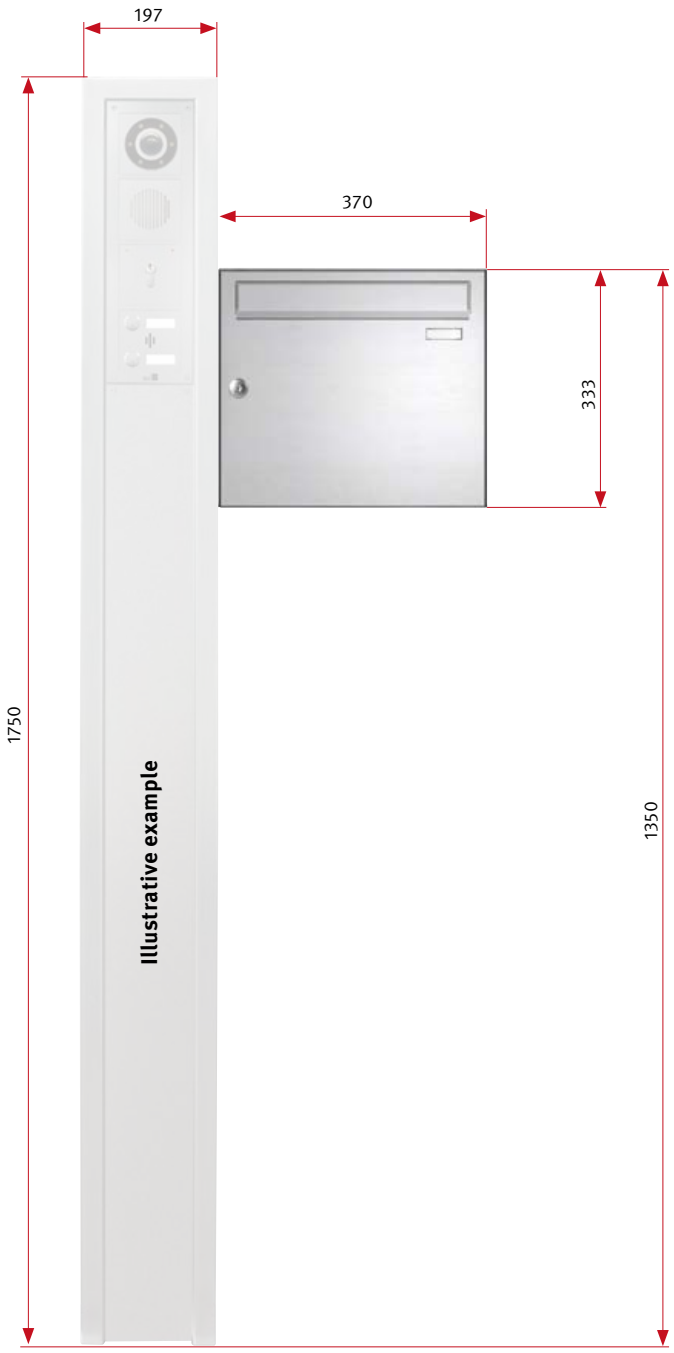
Cover panel kit 4

21-5337 V2A design
RRP 685,00 Euro + VAT

20-5337 Aluminium
RRP 512,00 Euro + VAT

- 1 x panel (bevelled edge), dimensions: 120 x 700 mm (W x H)
- 1 x panel (without bevel), dimensions: 120 x 700 mm (W x H)
- 1 x panel (bevelled on both sides), dimensions: 120 x 500 mm (W x H)
- 1 x panel (bevelled on both sides), dimensions: 120 x 400 mm (W x H)
- 6 x clamping plate
- Look: V2A design, core material: aluminium

When fitted with a second intercom unit: cover panels on request.



20-5860
1 x stainless steel letterbox free hanging

RRP 1.695,00 Euro + VAT

- One stainless steel letterbox for mounting on a Behnke column
- Damped letter flap
- Dimensions per letterbox 370 x 333 x 160 (W x H x D)
- Without fixing material
- Order column + door intercom separately





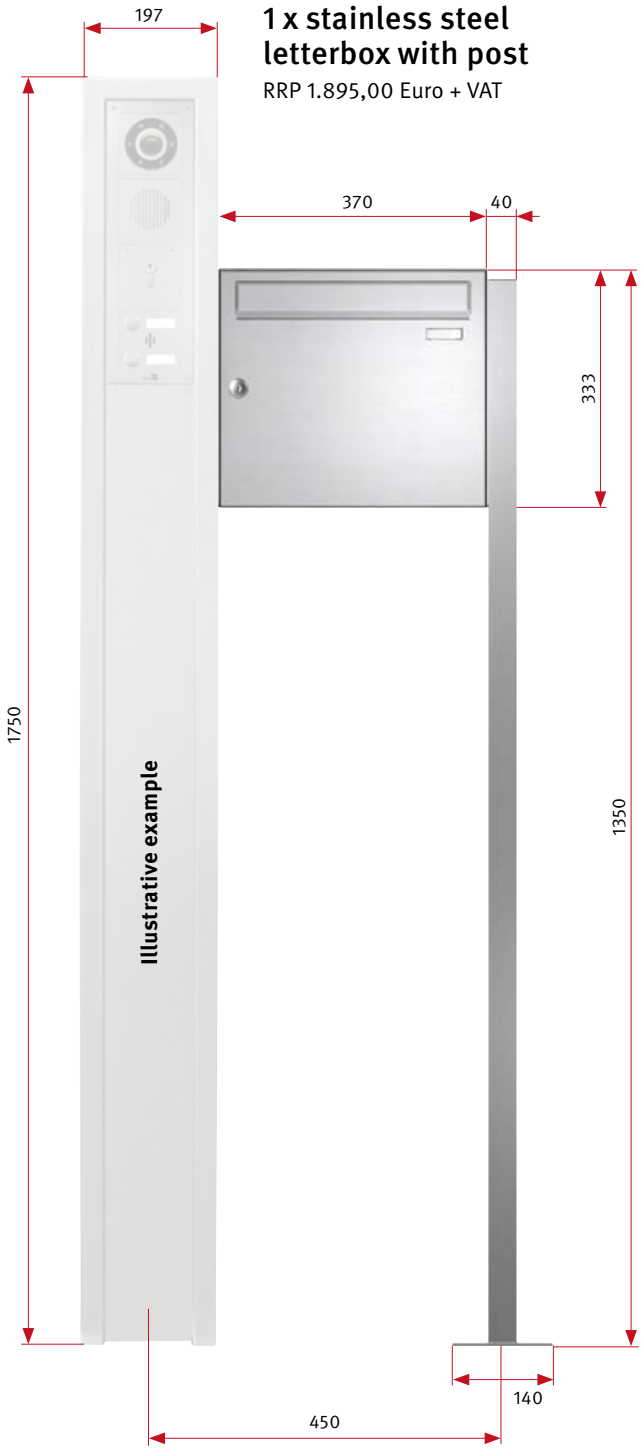


» SERIES 20

Stainless steel columns

20-5861
1 x stainless steel letterbox with post

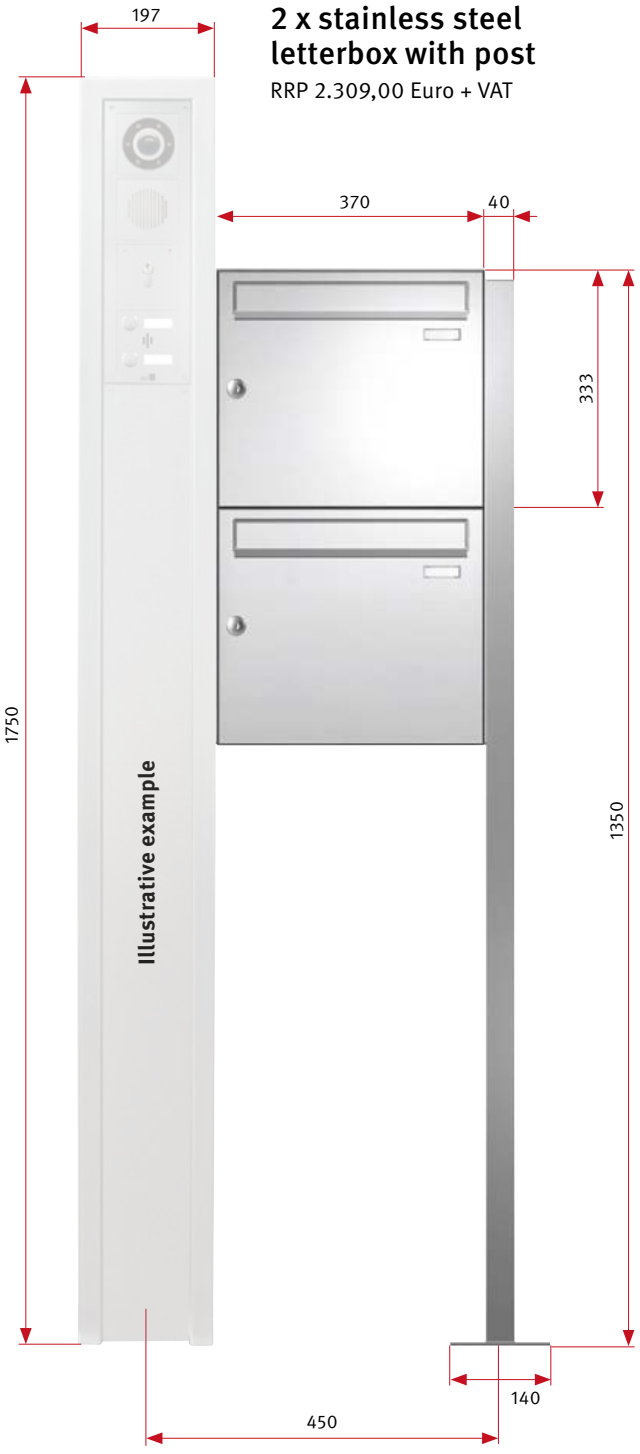
RRP 1.895,00 Euro + VAT



- One stainless steel letterbox incl. post for mounting on a Behnke column
- Damped letter flap
- Dimensions per letterbox 370 x 333 x 160 mm (W x H x D)
- Without fixing material
- Order column + door intercom separately

20-5862
2 x stainless steel letterbox with post

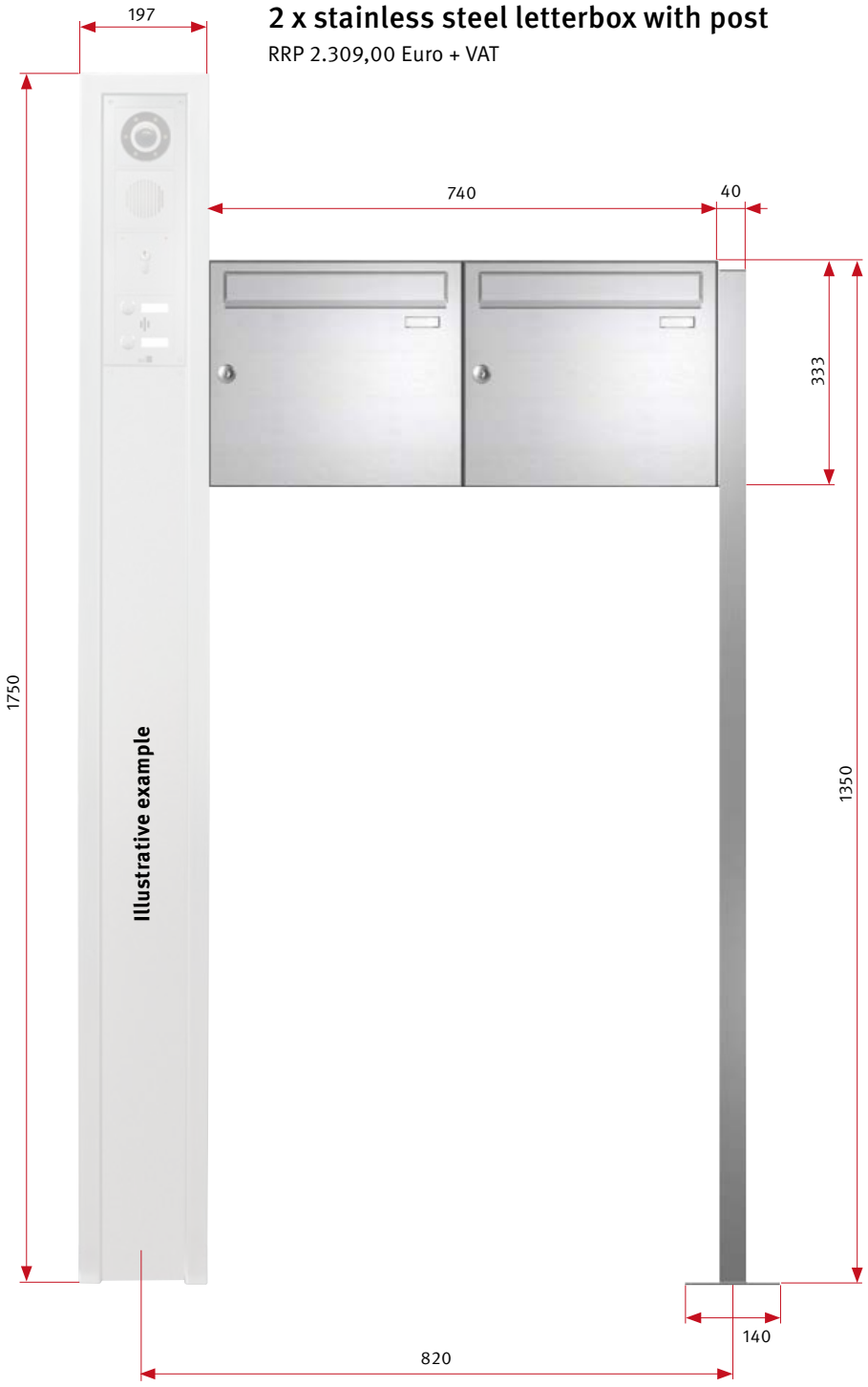
RRP 2.309,00 Euro + VAT



- Two stainless steel letterboxes (arranged vertically, one above the other) incl. post for mounting on a Behnke column
- Damped letter flap
- Dimensions per letterbox 370 x 333 x 160 mm (W x H x D)
- Without fixing material
- Order column + door intercom separately

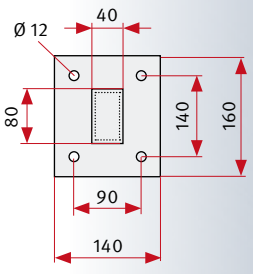
20-5862A
2 x stainless steel letterbox with post

RRP 2.309,00 Euro + VAT

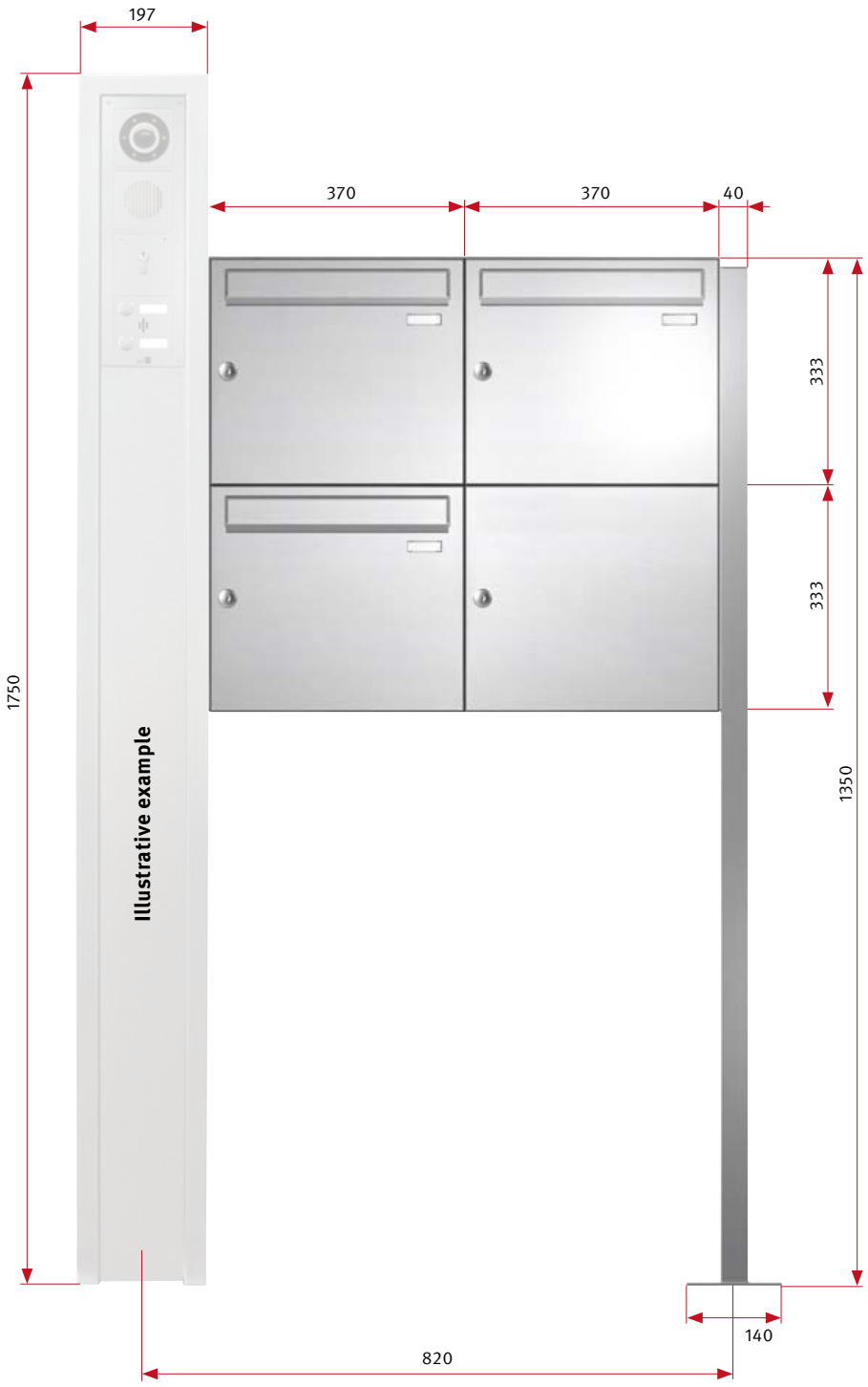


- Two stainless steel letterboxes (arranged horizontally, side by side) incl. post for mounting on a Behnke column
- Damped letter flap
- Dimensions per letterbox 370 x 333 x 160 mm (W x H x D)
- Without fixing material
- Order column + door intercom separately

Base



Floor fixing of the post



20-5863
3 x stainless steel letter-box and box with post

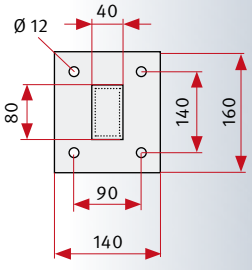
RRP 3.394,00 Euro + VAT

- Three stainless steel letterboxes incl. post for mounting on a Behnke column
- Damped letter flap
- Dimensions per letterbox 370 x 333 x 160 mm (W x H x D)
- Without fixing material
- Order column + door intercom separately

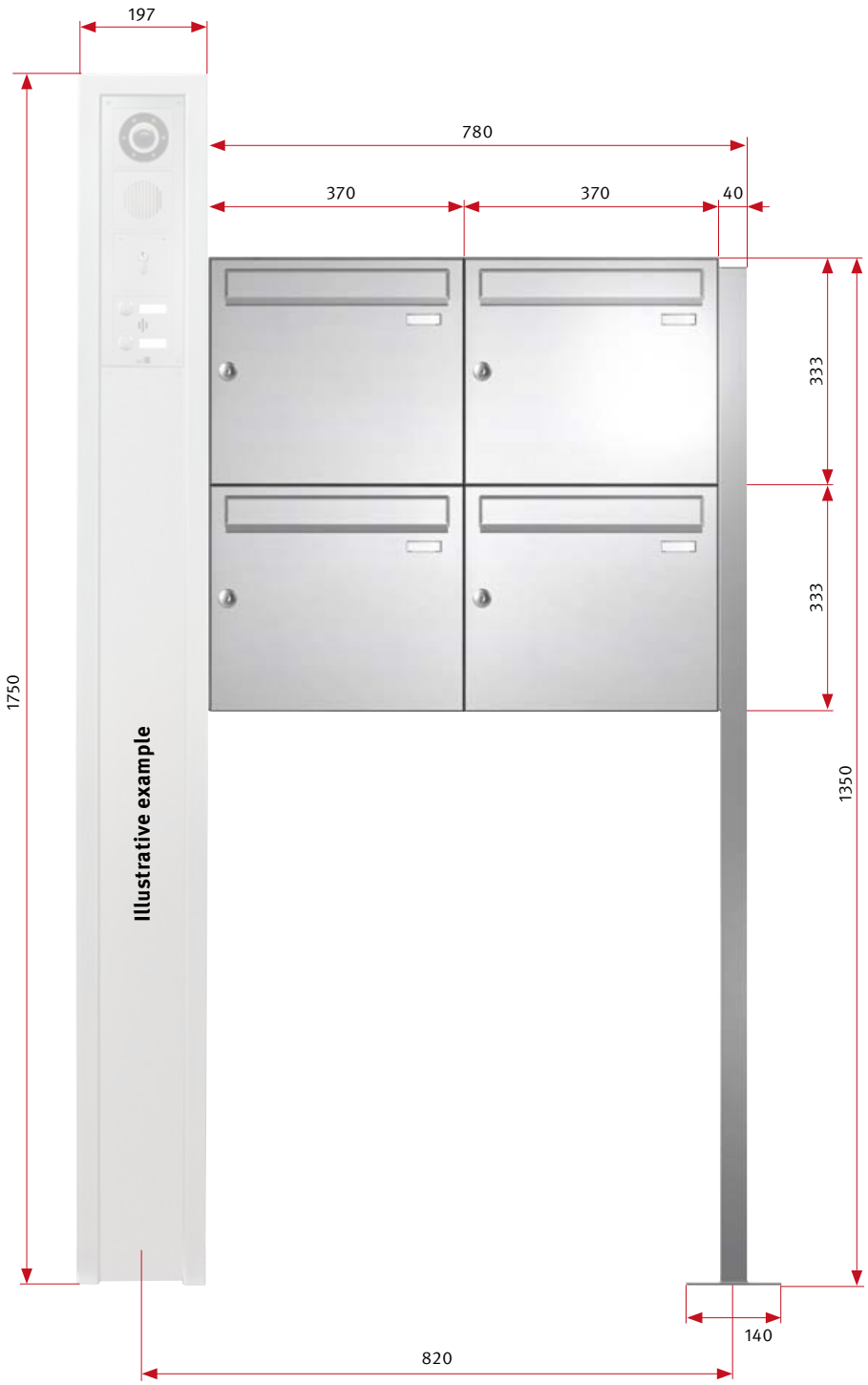


Letterbox
depth: 160 mm

Base



Floor fixing
of the post



20-5864
4 x stainless steel letter-box with post

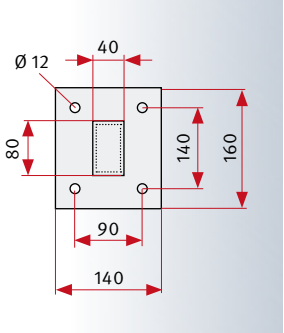
RRP 3.654,00 Euro + VAT

- Four stainless steel letterboxes (arranged in a square) incl. post for mounting on a Behnke column
- Damped letter flap
- Dimensions per letterbox 370 x 333 x 160 mm (W x H x D)
- Without fixing material
- Order column + door intercom separately



Letterbox
depth: 160 mm

Base



Floor fixing
of the post



SERIES 50



Series 50

Series 50
at a glance — Page 102

Series 50
door intercoms — Page 106

Series 50 functions
and functional modules — Page 113

Series 50
accessories — Page 124

Series 50 stainless steel
columns and letterboxes — Page 130

Series 50: prestigious, timeless, purist

Modular Series 50 intercom units impress with their elegant stainless steel design and modern technology. As a prestigious reception element, they give every building entrance an elegant touch.

The functional modules are made of horizontally brushed stainless steel and are combined without a front frame. The top and bottom edges are highly polished. Concealed screws and flush buttons support the purist, clean-lined structure of the design line. Controls such as loudspeaker, microphone, keypad, call buttons and electronics are housed in a two-shell housing as a compact unit.

In addition to surface and flush mounting, Behnke Series 50 intercom units can be integrated into stainless steel columns. These offer space for up to two intercom units, the lower one at accessible height.

The functional modules are put together using the modular system and adapted to on-site requirements.

Series 50 door intercoms are available with hybrid technology (a/b or SIP) and are delivered pre-assembled.

BS electronics door intercoms Series 20 + 50
for hybrid intercom units



20-0014-BS
RRP 774.00 Euro + VAT

20-0015-BS *
RRP 789.00 Euro + VAT

SIP electronics intercom unit size 2

- 108 x 198 x 72 mm (W x H x D)



20-0016-BS
RRP 774,00 Euro + VAT

20-0017-BS *
RRP 789,00 Euro + VAT

SIP electronics size 2, for separately mounted electronics

- 123 x 205,5 x 40 mm (W x H x D)

* These electronics are required when installing the Behnke touch display!



20-0001-BS
RRP 774,00 Euro + VAT

20-0003-BS *
RRP 789,00 Euro + VAT

SIP electronics intercom unit size 3

- 108 x 288 x 72 mm (W x H x D)

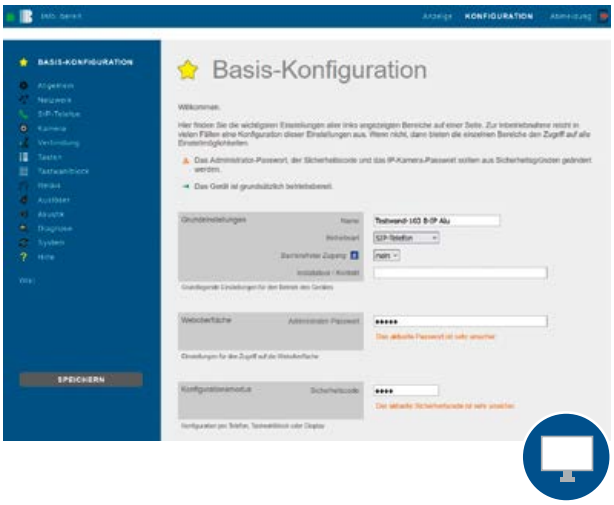


BS electronics intercom unit size 4

- Electronics 20-0001-BS or 20-0003-BS
- Counter plate 20-4908

* These electronics are required when installing the Behnke touch display!

BEHNKE-STATION



SIP special features

- Set-up via user interface (web front end)
- Assignment of different user permissions for the web front end (e.g. admin and restricted user)
- Set-up of two SIP accounts
- Automatic volume adjustment to ambient conditions
- Support for SIP video H.264 and VP8
- Creation of voice announcements by text input (greetings etc.) with internet connection
- Schedules with preset holiday calendar etc.
- Contactless reader (optional), management of access permissions via the intercom unit's web front end
- Remote mounting of the electronics possible up to 50 m
- Door release button

Put together your own Behnke door intercom



With the Behnke modular system you can put together your own preferred configuration.
The following steps show you how:

1 Step 1 – functional modules

Choose the right functional modules. Please make sure that every door intercom is equipped with a loudspeaker and a microphone. If you want to extend or change the functionality of an existing door intercom, you can easily swap the functional modules.

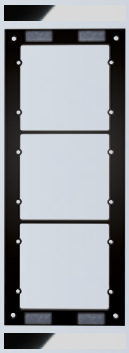
See functional modules from page 115



2 Step 2 – module frame

Have you put together your functional modules? Then next you need the right frame. The two decorative strips of highly polished stainless steel are attached to the module frame after the unit has been installed, to conceal the screws.

See accessories from page 126



3 Step 3 – electronics

Choose the a/b or IP electronics in the size matching the module frame. The electronics cables are labelled, so you only need to plug in the modules during installation. For reasons of space, security or vandal protection, the electronics of the Behnke door intercom can be mounted away from the installation location.

See accessories from page 128





CHOOSING THE OPERATING MODE (ELECTRONICS)

Depending on the type of electronics, Behnke Series 50 door intercoms can be operated on an analogue phone system or on an IP phone system. The following options are available:

ECO – via a/b line

The ECO a/b electronics are the best and most cost-effective choice if you want to operate intercom units with a simple range of functions (up to 4 call buttons, no keypad, no extension electronics, no alarm input etc. – see table on the right) on an analogue a/b telephone system. If you need a keypad or want to extend the functionality of your electronics, please go straight for the hybrid electronics (BS).

Hybrid – via a/b or IP line

The Behnke Station is a new-generation hybrid electronics unit. It can be used to operate SIP telephones, analogue telephones (a/b) or IP intercom systems. If the Behnke Station is used as an analogue telephone, for example, it can alternatively be operated as a SIP telephone or IP intercom simply by changing the selected operating mode via tablet or PC. The operating mode is switched in the web interface of the Behnke Station. In special applications, operating modes can be used simultaneously. The Behnke Station thus opens up completely new functional possibilities.

The special features of the hybrid electronics include the versatile touch display (call buttons, keypad, phone book and much more), the Behnke card reader, the Behnke USB camera and much more.

Turns the Behnke intercom station into a SIP-, a/b- or intercom compatible device in no time!



Features (electronics & door intercom)

Example images		
Operating mode	Hybrid	ECO
Power supply	PoE and PoE+	via a/b line
Call buttons	up to 8 call buttons (up to 100 with electronics expansion module))	up to 4 call buttons
Camera	✓ IP / IP USB	X
Keypad	✓	X
Key switch	✓	✓
Card reader panel	✓	✓
Behnke card reader	✓	X
Behnke touch display	✓	X
Tamper contact	optional	optional
Front material / thickness	aluminium / 4 mm	aluminium / 4 mm
Front design	modular design (functional modules)	modular design (functional modules)
Front surface / colour	V2A design brushed/ aluminium /	V2A design brushed / aluminium / RAL or DB powder coating optional
Column installation	✓ Series 50 columns	✓ Series 50 columns
Wall installation	Flush-mounted / surface-mounted	Flush-mounted / surface-mounted
Alarm input	✓	X

Please contact us for special requirements.

» SERIES 50

Size 2

Door intercoms size 2 vertical

Dimensions

› Size 2 vertical (W x H x D): 120 x 210 x 78 mm

Technology

› Hybrid (SIP, a/b, intercom) or ECO (a/b)
› Modular door intercoms
› Nameplates with white illumination
› Stainless steel functional modules

Customisation

› Powder coating (RAL or DB)
› Printing (e.g. of names, logo or house number)

Installation

› Surface-mounted, flush-mounted, cavity-wall mounting or in columns

Incl. ECO electronics
Analogue telephone a/b

Incl. hybrid electronics
SIP, a/b, intercom

Mains adapter 20-9585
required for illumination

Power over Ethernet
required



Series 50 online
behnke-online.de/serie50

Manuals hybrid	behnke-online.de/serie50bs
Manuals a/b Installation	behnke-online.de/serie50ab
Drawings	behnke-online.de/serie50e2

Acoustics: in which environment is the door intercom suitable?

Class 1 = quiet environment
Class 2 = regular environment
Class 3 = noisy environment
Class 4 = very noisy environment
Class 5 = extremely noisy environment

Door intercoms with 1–3 call buttons or keypad size 2



BS 50-401 Stainless steel
with 1 mechanical call button
RRP 1,104.00 Euro + VAT



BS 50-442 Stainless steel
with 1 mechanical call button
RRP 1,149.00 Euro + VAT

BT 50-401 Stainless steel
with 1 mechanical call button
RRP 740.00 Euro + VAT

BT 50-442 Stainless steel
with 1 mechanical call button
RRP 785.00 Euro + VAT

» REPRESENTATIVE

Series 50

At prestigious entrances

At driveways

Purist design

Surface-mounted or flush-mounted

Functions can be combined modularly

SIP or a/b





Door intercoms size 3 vertical

Dimensions

› Vertical (W x H x D): 120 x 300 x 78 mm

Technology

› Hybrid (SIP, a/b, intercom) or ECO (a/b)
› Modular door intercoms
› Nameplates with white illumination
› Stainless steel functional modules RAL DB

Customisation

› Powder coating (RAL or DB)
› Printing (e.g. of names, logo or house number)

Installation

› Surface-mounted, flush-mounted, cavity-wall mounting or in columns

Incl. ECO electronics
Analogue telephone a/b

Mains adapter 20-9585
required for illumination

Incl. hybrid electronics
SIP, a/b, intercom

Power over Ethernet
required



Series 50 online
behnke-online.de/serie50

Manuals hybrid	behnke-online.de/serie50bs
Manuals a/b Installation	behnke-online.de/serie50ab
Drawings	behnke-online.de/serie50e3

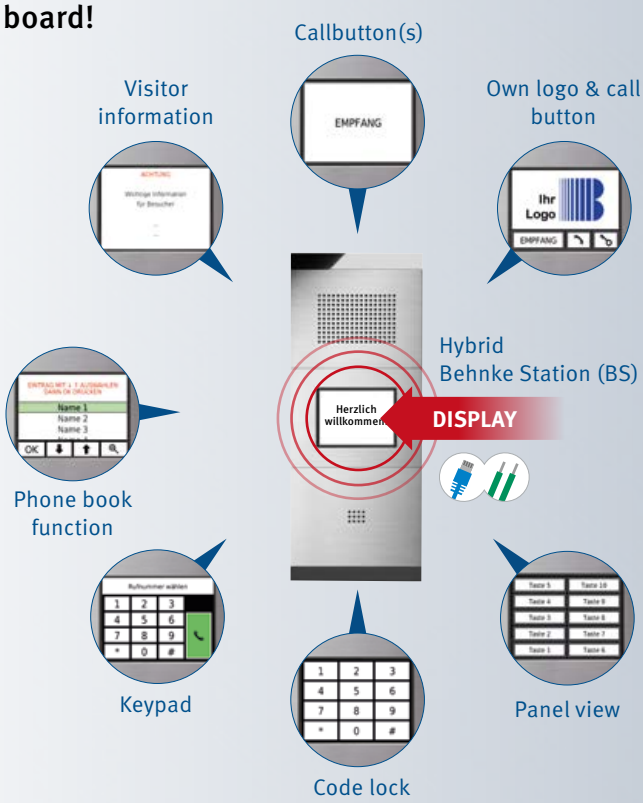
3.5" touch display = multifunction on board!

Whether one or several call buttons, keypad or phone book function, welcome texts, date-related notices, house numbers or your own company logo: with the touch display (hybrid connection type), you turn your Behnke-Station door intercom into a multifunctional device. The bright display is easy to read at night. The screen design can be flexibly adapted in the door intercom's front end, where company logos can also be uploaded.





BS 50-752 Stainless steel with display and 1 call button
RRP 1,780.00 Euro + VAT



Acoustics: in which environment is the door intercom suitable?

Class 1 = quiet environment
Class 2 = regular environment
Class 3 = noisy environment
Class 4 = very noisy environment
Class 5 = extremely noisy environment

Door intercoms with call buttons size 3



BS 50-111 Stainless steel
with 1 mechanical call button
RRP 1,189.00 Euro + VAT



BS 50-112 Stainless steel
with 2 mechanical call buttons
RRP 1,234.00 Euro + VAT



BS 50-113 Stainless steel
with 3 mechanical call buttons
RRP 1,277.00 Euro + VAT



BS 50-115 Stainless steel
with 5 mechanical call buttons
RRP 1,385.00 Euro + VAT

BT 50-111 Stainless steel
with 1 mechanical call button
RRP 827.00 Euro + VAT

BT 50-112 Stainless steel
with 2 mechanical call buttons
RRP 872.00 Euro + VAT

BT 50-113 Stainless steel
with 3 mechanical call buttons
RRP 915.00 Euro + VAT

Door intercoms with camera / keypad / card reader panel size 3



BS 50-711 Stainless steel
with 1 mechanical call button
RRP 2,299.00 Euro + VAT



BS 50-712 Stainless steel
with 2 mechanical call buttons
RRP 2,344.00 Euro + VAT



BS 50-211 Stainless steel
with mechanical keypad and
1 call button
RRP 1,439.00 Euro + VAT



BS 50-801 Stainless steel
with 1 mechanical call button
and card reader panel
RRP 1,208.00 Euro + VAT

» SERIES 50

Size 4 vertical

Door intercoms size 4 vertical

Dimensions

- Vertical (W x H x D): 120 x 390 x 78 mm

Technology

- Hybrid (SIP, a/b, intercom) or ECO (a/b)
- Modular door intercoms
- Nameplates with white illumination
- Stainless steel functional modules RAL DB

Customisation

- Powder coating (RAL or DB)
- Printing (e.g. of names, logo or house number)

Installation

- Surface-mounted, flush-mounted, cavity-wall mounting or in columns



Series 50 online

behnke-online.de/serie50

Manuals hybrid	behnke-online.de/serie50bs
Manuals a/b Installation	behnke-online.de/serie50ab
Drawings	behnke-online.de/serie50e4

Incl. hybrid electronics
SIP, a/b, intercom

Power over Ethernet
required

Acoustics: in which environment is the door intercom? suitable?

Class 1 = quiet environment
Class 2 = regular environment
Class 3 = noisy environment
Class 4 = very noisy environment
Class 5 = extremely noisy environment

Door intercoms with camera and in various versions size 4



BS 50-3710 Stainless steel with camera, mechanical unlit keypad and 1 mechanical call button
RRP 2,626.00 Euro + VAT



BS 50-3711 Stainless steel with camera, display and 1 mechanical call button
RRP 2,967.00 Euro + VAT



BS 50-6745 Stainless steel with mech. keypad, call button and card reader panel
RRP 1,535.00 Euro + VAT



BS 50-6753 Stainless steel with display, 1 mechanical call button and card reader panel
RRP 1,876.00 Euro + VAT

Door intercoms size 4 square

Dimensions
› (W x H x D): 230 x 210 x 78 mm

Technology
› Hybrid (SIP, a/b, intercom) or ECO (a/b)
› Modular door intercoms
› Nameplates with white illumination
› Stainless steel functional modules RAL DB

Customisation
› Powder coating (RAL or DB)
› Printing (e.g. of names, logo or house number)

Installation
› Surface-mounted, flush-mounted, cavity-wall mounting or in columns



Series 50 online
behnke-online.de/serie50

Manuals hybrid	behnke-online.de/serie50bs
Manuals a/b Installation	behnke-online.de/serie50ab
Drawings	behnke-online.de/serie50e4q

Incl. hybrid electronics
SIP, a/b, intercom

Power over Ethernet
required

Acoustics: in which environment is the door intercom suitable?

Class 1 = quiet environment
Class 2 = regular environment
Class 3 = noisy environment
Class 4 = very noisy environment
Class 5 = extremely noisy environment

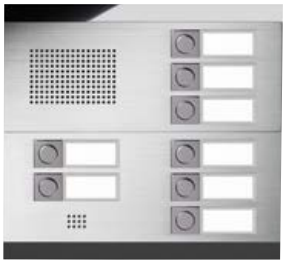
Door intercoms with camera and in various versions size 4 square



BS 50-545 Stainless steel
with camera and 2 mechanical call buttons
RRP 2,661.00 Euro + VAT



BS 50-546 Stainless steel
with 4 mechanical call buttons
RRP 1,423.00 Euro + VAT



BS 50-508 Stainless steel
with 8 mechanical call buttons
RRP 1,655.00 Euro + VAT

» SERIES 50

Size 6

Door intercoms size 6 vertical

Dimensions

› Vertical (W x H x D): 230 x 300 x 78 mm

Technology

› Hybrid (SIP, a/b, intercom) or ECO (a/b)
› Modular door intercoms
› Nameplates with white illumination
› Stainless steel functional modules

Customisation

› Powder coating (RAL or DB)
› Printing (e.g. of names, logo or house number)

Installation

› Surface-mounted, flush-mounted, cavity-wall mounting or in columns



Series 50 online
behnke-online.de/serie50

Manuals hybrid	behnke-online.de/serie50bs
Manuals a/b Installation	behnke-online.de/serie50ab
Drawings	behnke-online.de/serie50e6

Incl. hybrid electronics
SIP, a/b, intercom

Power over Ethernet
required

Acoustics: in which environment is the door intercom suitable?

Class 1 = quiet environment
Class 2 = regular environment
Class 3 = noisy environment
Class 4 = very noisy environment
Class 5 = extremely noisy environment

Door intercoms in various versions size 6



BS 50-558 Stainless steel
with 8 mechanical call buttons
RRP 1,822.00 Euro + VAT



BS 50-551 Stainless steel
with 6 mechanical call buttons
and card reader panel
RRP 3,062.00 Euro + VAT

SERIES 50 FUNCTIONS



Nameplate
Field for individual labelling, e.g. for house number, logo or notice. A sheet of special paper suitable for inkjet or laser printers is included in the delivery.
See page 121



Motion sensor
With a range of 0.5 to 10 metres, the motion sensor has a volt-free relay contact and can trigger functions in conjunction with SIP electronics. Examples: take a camera image and send it by email, switch on the light, open the door etc.
See page 119



Fingerprint reader (ekey)
The fingerprint reader has a volt-free relay contact and, in conjunction with SIP electronics, can open a door, gate or barrier.
See "Fingerprint reader" on page 120



IP cameras
Camera specifications at www.behnke-online.de/kameras
See page 114



Card reader module paneln
Behnke offers matching card reader panels for products from well-known manufacturers.
Card readers are used to open doors or gates via transponder.
See page 119



Keypad (16 keys)
The keypad can be used as a code lock for opening the door or as a keypad (telephone function).
See page 117



Loudspeaker (required)
To create the best possible acoustics, Behnke uses different loudspeaker sizes and outputs.
A broadband loudspeaker is recommended for car/HGV entrances. Size 3 loudspeakers are used at entrances with moderate ambient influences. Size 2 loudspeakers are used in quiet environments.
See page 115



Blank panel
Blank fields can be used temporarily as placeholders or for engraving logos, notices or house numbers.
See page 119



Microphone (required)
Depending on the volume setting of the door intercom, make sure there is sufficient distance between the loudspeaker and microphone.
See page 115



Call buttons with nameplate
Illuminated call buttons with interchangeable backlit nameplates.
See page 116



Key switch
For switching a relay contact (trigger action, open door, barrier or gate).
See page 117



Behnke touch display
The multifunctional display can provide call buttons, phone book-, code lock- and keypad functions. Graphics such as logos, house numbers and notices can also be displayed. It thus combines many functions in a single module.
See page 118



50-2940A-IP

RRP 1.169,00 Euro + VAT

Professional IP camera

- Professional IP camera
- Stainless steel
- Colour camera image
- Automatic LED illumination
- 120 x 90 mm (W x H)



CAMERA

IP camera

Optics

- 1/2.5" CMOS with progressive scan
- Focal length 2.4 mm, F 2.1
- Horizontal viewing angle 131°
- Vertical viewing angle 97°
- Light sensitivity colour: 0.23 lx at 50 IRE, F2.1 B/W: 0.05 lx at 50 IRE, F2.1
- Shutter speed 1/32500 s to 1/5 s

Video

- H.264 (MPEG-4 Part 10/AVC), Main and High Profile
- H.265 (MPEG-H Part 2/HEVC) Main Profile
- Motion JPEG
- Resolution 2304 x 1728 (4 MP) to 320 x 240
- 25 frames/s in all resolutions and compression types

Network

- IPv4, IPv6 USGv6, HTTP, HTTP/2, HTTPSa, SSL/TLSa, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP,TCP, UDP, IGMP,RTCP, ICMP, DHCPv4/v6, ARP,SOCKS, SSH, SIP, LLDP, MQTT, Syslog
- Password protection, IP address filtering, HTTPS encryption, IEEE 802.1x (EAP-TLS) network access control, digest authentication, user access log, centralised certificate management, brute-force delay protection, signed firmware
- Ethernet 10/100Mbps



50-1100-BS for IP
RRP 95,00 Euro + VAT

50-1100 for a/b
RRP 95,00 Euro + VAT

Loudspeaker

› Stainless steel



50-1101-BS for IP
RRP 125,00 Euro + VAT

50-1101 for a/b
RRP 125,00 Euro + VAT

Loudspeaker, microphone

› Stainless steel



50-3100-BS for IP
RRP 69,00 Euro + VAT

50-3100 for a/b
RRP 69,00 Euro + VAT

Microphone

› Stainless steel



50-3112-BS for IP
RRP 134,00 Euro + VAT

50-3112 for a/b
RRP 134,00 Euro + VAT

1 CB, nameplate, mic

› Nameplate illuminated
› Stainless steel



50-3126-BS for IP
RRP 180,00 Euro + VAT

50-3126 for a/b
RRP 180,00 Euro + VAT

2 CB, Label Fields, Microphone

› Nameplates illuminated
› Stainless steel



50-2018-BS for IP
RRP 116,00 Euro + VAT

50-2018 for a/b
RRP 116,00 Euro + VAT

1 CB, nameplate

- Nameplate illuminated
- Stainless steel



50-2023-BS for IP
RRP 163,00 Euro + VAT

50-2023 for a/b
RRP 163,00 Euro + VAT

2 CB, nameplates

- Nameplate illuminated
- Stainless steel



50-2031-BS for IP
RRP 207,00 Euro + VAT

50-2031 for a/b
RRP 207,00 Euro + VAT

3 CB, nameplates

- Nameplate illuminated
- Stainless steel

SENSOR / KEY



50-2401-BS for IP
RRP 197,00 Euro + VAT

50-2401 for a/b
RRP 197,00 Euro + VAT

Key switch

- Without half cylinder
- Stainless steel



50-2440-BS
RRP 363,00 Euro + VAT

Motion sensor

- Motion sensor
- Stainless steel
- Detection angle min. 80°



Motion sensor
The Behnke motion sensor triggers an action, such as taking a photo or sending an email, when it detects a change in distance. The range of the radio sensor is between 0.5 and 10 metres. The opening/detection angle is at least 80° horizontally and higher at close range.

KEYPAD



50-2101-BS for IP
RRP 309,00 Euro + VAT

Keypad

- Keypad illuminated
- Stainless steel
- Code lock and telephone function



50-2501-BS for IP
RRP 435,00 Euro + VAT

Keypad illuminated

- Keypad illuminated
- Stainless steel
- Code lock and telephone function



50-2421A

RRP 1.407,00 Euro + VAT

Also included (fig. left)

Fingerprint reader

- Incl. ekey sensor + electronics
- Stainless steel



50-2422A

RRP 327,00 Euro + VAT

Also included (fig. left)

Fingerprint reader installation module

- ekey panel without electronics
- Stainless steel
- For ekey home FS UP I



On request

Module for ekey fingerprint reader

- ekey panel without electronics

The ekey reader unit can be installed in the module



50-2006-BS

RRP 645,00 Euro + VAT

Behnke touch display

- Call buttons
- Phone book
- Keypad
- Code lock
- Notices and much more

FINGERPRINT READER

TOUCHDISPLAY



50-2008
RRP 107,00 Euro + VAT

Cut-out for flush-mounted insert

- for integrating a flush-mounted insert
- Stainless steel
- Order counter plate separately
- Ø 60 mm



50-2003
RRP 93,00 Euro + VAT

Large nameplate

- Nameplate illuminated
- Stainless steel/acrylic



50-2000
RRP 46,00 Euro + VAT

Blank panel

- Blank panel optionally suitable for engraving (black laser engraving)
- Stainless steel

OTHERS



Door opening via transponder
Opening the door with a transponder is a convenient, yet secure way of gaining access to a building. Simply hold the transponder in front of the card reader and the door can be opened. The Behnke modular system allows integration of numerous card reader systems from well-known manufacturers. To protect against abrasion and vandalism, the card reader modules are screen-printed on the reverse.



Transponder (example)



50-2408
RRP 71,00 Euro + VAT

Card reader panel

- Panel without electronics
- Stainless steel/acrylic
- For contactless card readers



50-1240-BS for IP

RRP 1.473,00 Euro + VAT

Loudspeaker + IP camera

- Loudspeaker size 3
- Stainless steel
- Colour camera image, autom. illumination



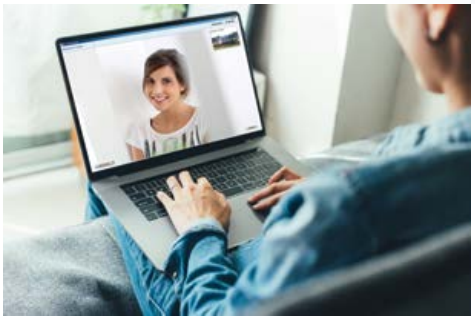
50-1204-BS for IP

RRP 1.468,00 Euro + VAT

Loudspeaker + microphone + IP camera

- Loudspeaker
- Stainless steel
- Colour camera image, autom. illumination

CAMERAS



Video IP software

View the door video and videos from other integrated surveillance cameras: continue to use the existing infrastructure including terminals and install the Behnke IP video software on the Windows PC. The image is displayed before the receiver is picked up. The door is opened conveniently with a mouse click (see page 22).



50-1212-BS for IP
RRP 227,00 Euro + VAT

50-1212 for a/b
RRP 227,00 Euro + VAT

Loudspeaker + 1 call button + microphone

- Loudspeaker size 3
- Stainless steel
- Nameplate illuminated



50-1225-BS for IP
RRP 271,00 Euro + VAT

50-1225 for a/b
RRP 271,00 Euro + VAT

Loudspeaker + 2 call buttons + microphone

- Loudspeaker size 3
- Stainless steel
- Nameplates illuminated



50-3205-BS for IP
RRP 387,00 Euro + VAT

50-3205 for a/b
RRP 387,00 Euro + VAT

5 call buttons + microphone

- Nameplates illuminated
- Stainless steel



50-3201-BS for IP
RRP 204,00 Euro + VAT

50-3201 for a/b
RRP 204,00 Euro + VAT

Microphone + 1 call button

- Nameplates illuminated
- Stainless steel



50-3202-BS for IP
RRP 250,00 Euro + VAT

50-3202 for a/b
RRP 250,00 Euro + VAT

Microphone + 2 call buttons

- Nameplates illuminated
- Stainless steel



50-3203-BS for IP
RRP 295,00 Euro + VAT

50-3203 for a/b
RRP 295,00 Euro + VAT

Microphone + 3 call buttons

- Nameplates illuminated
- Stainless steel



50-2204-BS for IP
RRP 323,00 Euro + VAT

50-2204 for a/b
RRP 323,00 Euro + VAT

4 call buttons

- Nameplates illuminated
- Stainless steel



50-2206-BS for IP
RRP 416,00 Euro + VAT

6 call buttons

- Nameplates illuminated
- Stainless steel



50-1200-BS for IP
RRP 125,00 Euro + VAT

50-1200 for a/b
RRP 125,00 Euro + VAT

Loudspeaker + microphone

- Loudspeaker size 3
- Stainless steel



50-1223-BS for IP
RRP 253,00 Euro + VAT

50-1223 for a/b
RRP 253,00 Euro + VAT

Loudspeaker + 2 call buttons

- Nameplates illuminated
- Loudspeaker size 3
- Stainless steel



50-1231-BS for IP
RRP 300,00 Euro + VAT

50-1231 for a/b
RRP 300,00 Euro + VAT

- Nameplates illuminated
- Loudspeaker size 3
- Stainless steel



50-3214-BS for IP
RRP 206,00 Euro + VAT

50-3214 for a/b
RRP 206,00 Euro + VAT

1 call button + microphone + card reader panel

- Keycode panel without card reader
- Stainless steel
- Nameplates illuminated



50-3215-BS for IP
RRP 252,00 Euro + VAT

50-3215 for a/b
RRP 252,00 Euro + VAT

2 call buttons + microphone + card reader panel

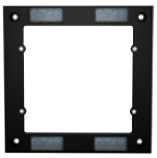
- Keycode panel without card reader
- Stainless steel
- Nameplates illuminated



Keycode panel for card readers

The universal Behnke Series 50 keycode panel is available without card reader electronics. The fixing points correspond to those of a conventional flush-mounted box. It is therefore suitable for contactless card readers that can be fixed in a flush-mounted box and do not protrude at the front. Please check with the manufacturers.

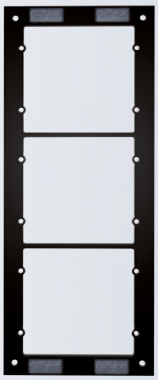
Module frame for fixing the functional modules to the module housing



50-4901

RRP 95,00 Euro + VAT

- Size: 1
- Installation option for one module
- Aluminium, black anodised
- 118 x 118 x 3,5 mm (W x H x D)
- Order decorative strip 50-9400 separately!



50-4903

RRP 131,00 Euro + VAT

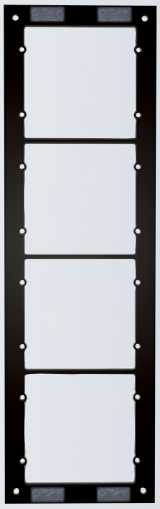
- Size: 3
- Installation option for three modules
- Aluminium, black anodised
- 118 x 298 x 3,5 mm (W x H x D)
- Order decorative strip 50-9400 separately!



50-4902

RRP 95,00 Euro + VAT

- Size: 2
- Installation option for two modules
- Aluminium, black anodised
- 118 x 208 x 3,5 mm (W x H x D)
- Order decorative strip 50-9400 separately!



50-4910

RRP 159,00 Euro + VAT

- Size: 4
- Installation option for four modules
- Aluminium, black anodised
- 118 x 388 x 3,5 mm (W x H x D)
- Order decorative strip 50-9400 separately!

MODULE FRAMES

Decorative strips



50-9400 Stainless steel
RRP 53,00 Euro + VAT

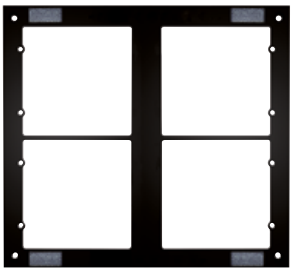
- Two clip mounts for attaching to the module frame
- high-gloss polished



50-9402 Stainless steel
RRP 98,00 Euro + VAT

- Two clip mounts for attaching to the module frame
- high-gloss polished

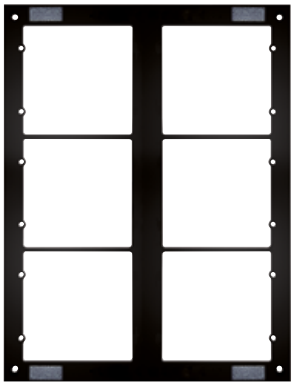
Module frame for fixing the functional moduleses



50-4904

RRP 159,00 Euro + VAT

- Size: 4 square
- Installation option for two Duo modules
- Aluminium, black anodised
- 228 x 208 x 3,5 mm (W x H x D)
- Order decorative strip 50-9400 separately!



50-4906

RRP 246,00 Euro + VAT

- Size: 6
- Installation option for three Duo modules
- Aluminium, black anodised
- 228 x 298 x 3,5 mm (W x H x D)
- Order decorative strip 50-9400 separately!

MODULE FRAMES



Configuration

For an individual configuration you need (in the appropriate size) electronics with integrated module housing, a module frame, the desired functional modules and two decorative strips. Series 50 door intercoms are delivered pre-assembled..

BS electronics door intercoms Series 20 + 50
for hybrid intercom units



20-0014-BS
RRP 774,00 Euro + VAT

20-0015-BS *
RRP 789,00 Euro + VAT

SIP electronics intercom unit size 2

- 108 x 198 x 72 mm (W x H x D)



20-0016-BS
RRP 774,00 Euro + VAT

20-0017-BS *
RRP 789,00 Euro + VAT

SIP electronics size 2, for separately mounted electronics

- 123 x 205,5 x 40 mm (W x H x D)

*** These electronics are required when installing the Behnke touch display!**



20-0001-BS
RRP 774,00 Euro + VAT

20-0003-BS *
RRP 789,00 Euro + VAT

SIP electronics intercom unit size 3

- 108 x 288 x 72 mm (W x H x D)

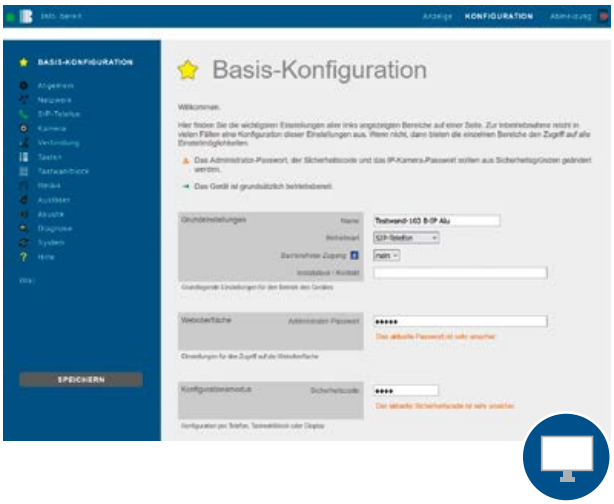


BS electronics intercom unit size 4

- Electronics 20-0001-BS or 20-0003-BS
- Counter plate 20-4908

*** These electronics are required when installing the Behnke touch display!**

BEHNKE STATION



Browser-based web frontend

SIP special features

- Set-up via user interface (web frontend)
- Assignment of different user permissions for the web frontend (e.g. admin and restricted user)
- Set-up of two SIP accounts
- Automatic volume adjustment to ambient conditions
- Support for SIP video H.264 and VP8
- Creation of voice announcements by text input (greetings etc.) with internet connection
- Schedules with preset holiday calendar etc.
- Contactless reader (optional), management of access permissions via the intercom unit's web frontend
- Remote mounting of the electronics possible up to 50 m
- Door release button

a/b electronics door intercoms Series 20 + 50 ECO
for intercom units with up to max. 4 call buttons



20-0014E
RRP 386,00 Euro + VAT

a/b electronics intercom unit size 2 and 4 (square) with max. 4 call buttons

› 108 x 198 x 72 mm (W x H x D)



20-0016E
RRP 359,00 Euro + VAT

a/b electronics for separately mounted electronics with max. 4 call buttons

› 97 x 202 x 37 mm (W x H x D)



20-0001E
RRP 388,00 Euro + VAT

a/b electronics intercom unit size 3 and 6 with max. 4 call buttons

› 108 x 288 x 72 mm (W x H x D)



20-0043E
RRP 390,00 Euro + VAT

a/b electronics intercom unit size 4 (vertical / horizontal) with max. 4 call buttons

› 108 x 378 x 72 mm (W x H x D)

a/b ECO

In-wall housing



20-5204
Galvanised sheet steel
RRP 45,00 Euro + VAT

- Size: 1
- External dimensions: 118 x 118 x 87 mm (W x H x D)



20-5210
Galvanised sheet steel
RRP 44,00 Euro + VAT

- Size: 2
- External dimensions: 118 x 208 x 87 mm (W x H x D)



20-5200
Galvanised sheet steel
RRP 47,00 Euro + VAT

- Size: 3
- External dimensions: 118 x 298 x 87 mm (W x H x D)



20-5211
Galvanised sheet steel
RRP 55,00 Euro + VAT

- Size: 4
- External dimensions: 118 x 388 x 87 mm (W x H x D)



20-5201A
Galvanised sheet steel
RRP 58,00 Euro + VAT

- Size: 4 square
- External dimensions: 228 x 208 x 87 mm (W x H x D)



20-5209
Galvanised sheet steel
RRP 92,00 Euro + VAT

- Size: 6
- External dimensions: 228 x 298 x 87 mm (W x H x D)

On-wall housing



On request *
Aluminium (DB 703)
RRP on request

- Size: 1
- 157 x 136,5 x 96 mm (W x H x D)



50-5102A
Aluminium (DB 703)
RRP 190,00 Euro + VAT

- Size: 2
- 157 x 226,5 x 96 mm (W x H x D)



50-5103A
Aluminium (DB 703)
RRP 195,00 Euro + VAT

- Size: 3
- 157 x 316,5 x 96 mm (W x H x D)



50-5104A
Aluminium (DB 703)
RRP 208,00 Euro + VAT

- Size: 4
- 157 x 406,5 x 95 mm (W x H x D)



On request *
Aluminium (DB 703)
RRP on request

- Size: 4 quadratisch
- 267 x 226,5 x 112,5 mm (W x H x D)



On request *
Aluminium (DB 703)
RRP on request

- Size: 6
- 267 x 316,5 x 112,5 mm (W x H x D)

SURFACE-MOUNTED

* Item is made to order; please allow for the corresponding delivery time.

Stainless steel columns 1,75 m



Slot for door intercom Series 50 size 3 vertical (please order separately)



50-5501

RRP 1.637,00 Euro + VAT

- Column body front: stainless steel, 6 mm back: folded stainless steel, anthracite
- Height 1.750 mm



Slot for door intercom Series 50 size 4 vertical (please order separately)



50-5502

RRP 1.637,00 Euro + VAT

- Column body front: stainless steel, 6 mm back: folded stainless steel, anthracite
- for fitting with Series 50 door intercoms size 4 vertical
- Height 1,750 mm



Slot for door intercom Series 50 size 3 vertical (please order separately)

Slot for 1 Series 50 functional module



50-5503

RRP 1.716,00 Euro + VAT

- Column body front: stainless steel, 6 mm back: folded stainless steel, anthracite
- for fitting with Series 50 door intercom size 3 vertical and 1 functional module
- Height 1,750 mm



Slot for door intercom Series 50 size 4 vertical (please order separately)

Slot for 1 Series 50 functional module



50-5504

RRP 1.716,00 Euro + VAT

- Column body front: stainless steel, 6 mm back: folded stainless steel, anthracite
- for fitting with Series 50 door intercom size 4 vertical and 1 functional module
- Height 1,750 mm



PILLARS, PYLONS & LETTERBOXES



» PILLARS & PYLONS

for prestigious entrances

Contents

Pylon type 1 Page 137

Pylon type 2 Page 139

Pylon type 3 Page 141

Pillars & pylons

Individual pillars and pylons are one-offs made of high-quality brushed stainless steel. Their size and function can be tailored to customer wishes and on-site requirements. Door intercoms with a wide variety of functions can be installed seamlessly. Additional functions such as camera, code lock, fingerprint, card reader etc. can also be integrated easily.

Corporate Design

- Individual logo engraving and coloured backing with
- long-distance visibility, or reverse-printed acrylic panel with logo
- Cut-through engravings in the company's house font, backed with acrylic and white backlit
- Coloured backlighting in corporate colours optional
- Other colours for call button illumination on request (standard white)
- RAL or DB powder coating possible

Telephone functionn

- Rear mounting with loudspeaker, microphone and call button(s)

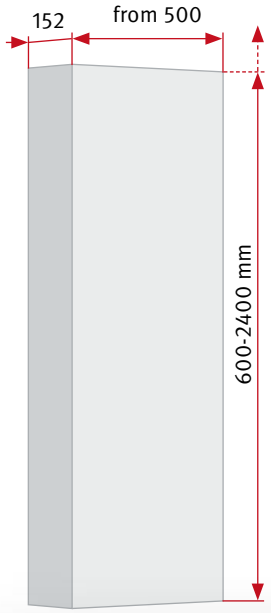
Letterboxes

- Removal flap(s) at front or rear


HeidelbergCement AG
Berliner Straße 6
HEIDELBERGCEMENT

» PILLARS & PYLONS

for individual design

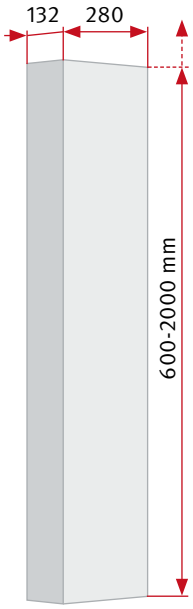


Type 1 – Pylon

Stainless steel body
for customisation

Dimensions:
600 to 2400 mm (H)
from 500 x 152 mm (W x D)

Prices on request

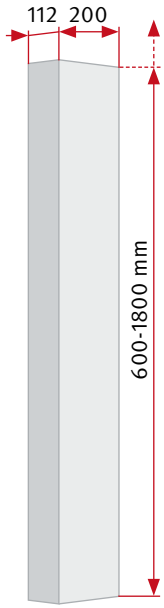


Type 2 – Pylon

Stainless steel body
for customisation

Dimensions:
600 to 2000 mm (H)
280 x 132 mm (W x D)

Prices on request



Type 3 – Pylon

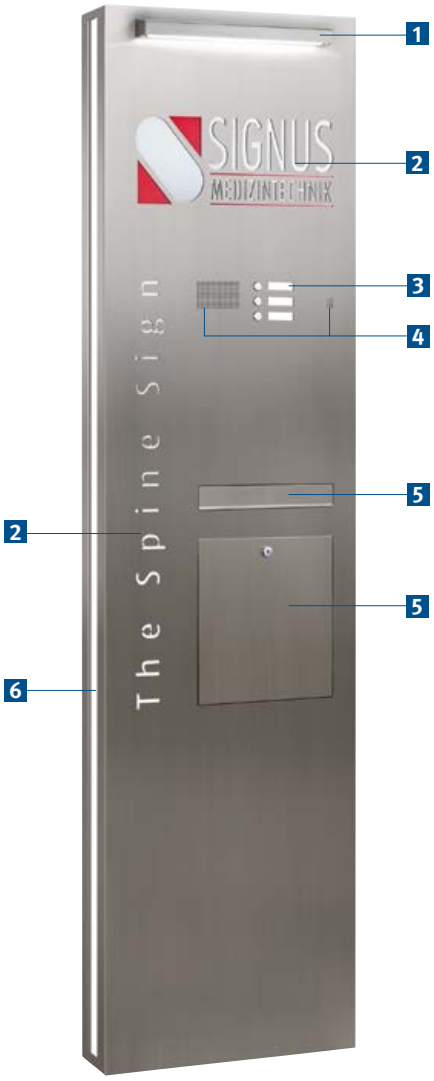
Stainless steel body
for customisation

Dimensions:
600 to 1800 mm (H)
200 x 112 mm (W x D)

Prices on request


OOWV

TYPE 1 – PYLON



Optionally with letterbox (removal flap at front or rear)



Whether as a reception element with door intercom and integrated letterbox or as an info terminal: Behnke stainless steel pylons enhance your entrance area and can be tailored to your needs.

Dimensions: 600 to 2400 mm (H), 500 x 152 mm (W x D)

Possible equipment
(prior technical clarification required)

Intercom function
- Hybrid (SIP or a/b) or ECO electronics (a/b)
- Loudspeaker/microphone 4
- Call buttons with nameplate 3 or for engraving
- Additional Series 20 functions such as key switch,
- Keypad (a/b) etc. (rear-mounted)

Cameras
- IP camera

Engraving
- Logo
- Permanent lettering
- Colour-filling of engravings with standard colours

Illumination
- Top lighting cover for lighting logo and controls 1
- Illuminated call buttons and illuminated nameplates
- Illuminated info fields
- Side acrylic strips (also coloured), backlit 6
- Inset reverse-printed acrylic signs (e.g. with logo)
- Cut-through engraving of texts, backed with acrylic (also coloured) and backlit 2
- Illuminated cut-through engraving
- Bar light
- Side light strips

Letterbox
- IIntegration of letterboxes with removal flap 5 (front or rear)

Your own requirements
- Positioning of holes and milled cut-outs, e.g. for switching elements (alarm systems, card readers etc.)
- Integration of elements supplied on site

Accessibility
- Intercom units at different installation heights
- Braille for labelling
- Handicap function with LED status indicator for voice connection and door opening

Powder coating possible


herweck



Cut-through engraved, backed with acrylic and backlit



TYPE 2 – PILLAR

Individual Behnke type 2 pillars serve as a prestigious reception element.

Dimensions: 600 to 2000 mm (H), 280 x 132 mm (W x D)

Possible equipment
(prior technical clarification required)

Intercom function
- Hybrid (SIP or a/b) or ECO electronics (a/b)
- Loudspeaker 2
- Microphone 5
- Call buttons with nameplate or for engraving 4
- Additional Series 20 functions such as key switch 7 ,
- keypad (a/b) 3 , card reader 6 etc. (rear-mounted) 4

Cameras
- IP camera 1

Engravings
- Logo
- Permanent lettering
- Colour-filling of engravings with standard colours

Illumination
- Illuminated call buttons and illuminated nameplates
- Illuminated info fields
- Side acrylic strips (also coloured), backlit 8
- Inset reverse-printed acrylic signs (e.g. with logo)
- Cut-through engravings of texts, backed with acrylic (also coloured) and backlit
- Bar light
- Side light strips

Your own requirements
- Positioning of holes and milled cut-outs, e.g. for switching elements (alarm systems, card readers etc.)
- Integration of elements supplied on site

Accessibility
- Intercom units at different installation heights
- Braille for labelling
- Handicap function with LED status indicator for voice connection and door opening

Powder coating possible





TYPE 3 – PILLAR

Individual Behnke type 3 pillars serve as a prestigious reception element.

Dimensions: 600 to 1800 mm (H), 200 x 112 mm (W x D)

Possible equipment
(prior technical clarification required)

Intercom function
- Hybrid (SIP or a/b) or ECO electronics (a/b)
- Loudspeaker 2
- Microphone 5
- Call button with nameplate 3 or for engraving
- Additional Series 20 functions such as keypad 4, key switch (a/b) etc. (rear-mounted)

Cameras
- IP camera 1

Engravings
- Logo
- permanent lettering
- Colour-filling of engravings with standard colours

Illumination
- Illuminated call buttons and illuminated nameplates
- Illuminated info fields
- Illuminated cut-through engraving
- Bar light
- Side light strips

Your own requirements
- Positioning of holes and milled cut-outs, e.g. for switching elements (alarm systems, card readers etc.)
- Integration of elements supplied on site

Accessibility
- Intercom units at different installation heights
- Braille for labelling
- Handicap function with LED status indicator for voice connection and door opening

Powder coating possible

Optional coloured powder coating



Individually designed pillars







Individually designed pylons / Series 50 column









BESPOKE PRODUCTS





» BESPOKE PRODUCTS

Individual intercom units

Contents

Options for bespoke Products — Page 146

Planning bespoke products — Page 148

Tailor-made concepts

Behnke products can be adapted to the respective entrance situation in size, shape, material and function – whether it is a door intercom, a pillar, a pylon or a letterbox solution. As a Behnke bespoke product, the panel dimensions can be chosen freely and made in various materials. A large selection of functional modules from the Behnke modular system allows a wide range of combinations (card reader, fingerprint reader, camera etc.). Choose between analogue or hybrid technology. Please contact the Behnke sales team for technical clarification.

1 Customised standard intercom units
2 Partially bespoke products
3 Bespoke products



SPECIAL REQUIREMENTS?

behnke-online.de/sonderlösungen

Do you have special requirements for the size and appearance of your door intercom? Telecom Behnke will realise your bespoke products product (after checking technical feasibility). Bespoke products for installation in vending machines etc. can also be produced as small series.

1 Example: customised standard intercom units



Series 20 without Customisation as standard

Configured Series 20 standard door intercom with:

- Front frame
- Loudspeaker
- Blank module
- illuminated call button, illuminated nameplate and microphone



Series 20 customised as standard (example)

- Frame RAL powder-coated
- Blank module with engraving
- Nameplate with engraved plate, colour backing similar to frame colour

Functional modules can also be powder-coated

2 Example: partially bespoke products



Partially bespoke products with standard functional modules of Series 20

- Front frame as bespoke product *
- Engraving on functional module
- Everything else: customised standard components

**technical clarification required*

3 Example: bespoke Products



bespoke products

- One-piece panel as bespoke products, other elements integrated*

**technical clarification required*

Planning a bespoke products

Step 1 – choice of materials and colours
Planning starts with the choice of material and colour. Behnke bespoke products are usually made of metal: brushed or polished aluminium, V2A design (aluminium with a stainless steel look), ground stainless steel, brass, or powder-coated panels, modules and frames in RAL or DB colours.

Step 2 – choice of technology
Choose between analogue or hybrid technology. Existing technology can be adopted if necessary after detailed clarification.



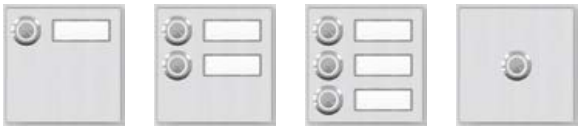
Step 3 – choice of functions
The functional modules from the Behnke modular system can be integrated into individual Bespoke Products or tailored to the respective entrance situation. Access control functions such as card readers, fingerprint readers, key switches etc. can be integrated, for example.



Step 4 – choice of camera
Choose between fixed or adjustable cameras, cameras with viewing angles between 40° and 80°, and cameras with LEDs, lighting rings or protective domes. Both IP and USB cameras are available.



Step 5 – choice of call buttons and nameplates
Both unlit buttons and buttons with an lighting ring are available. The range offers flush or raised buttons as well as highly polished buttons. Nameplates are available both illuminated and unlit. These can be replaced by an aluminium nameplate for individual engraving.



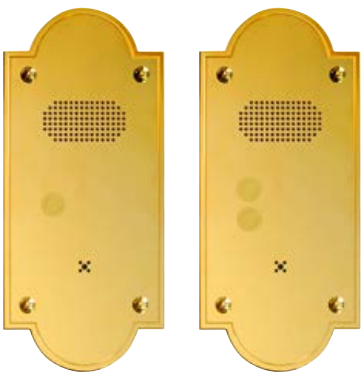
Step 6 – choice of lettering / engraving / finishing
House numbers, street or company names can be realised as engravings or as cut-through engravings with LED backlighting. Logos can be printed in several colours, e.g. using a weather-resistant digital printing process.



Special brass panel “Toscana”

The front panel of the former Series 10 Toscana is still available as a bespoke product!

Dimensions of the brass front panels with 1 or 2 call buttons: (W x H x D): 135 x 310 x 4 mm.



Behnke bespoke products, engravings and digital printing















ACCESSORIES & EQUIPMENT



Contents

Separate mounting (local and remote) — Page 152

Rear-mounting components — Page 160

Power supply — Page 163

Tamper protection — Page 166

Repair kits — Page 171

What is separate electronics mounting?

Separate electronics mounting means that the electronics integrated into the Behnke intercom unit are “relocated”. This requires special electronics, specially shielded cables and corresponding door and front-mounting modules for integration into, for example, a panel.

Reasons for separate electronics mounting

- No space for electronics in the immediate vicinity of the intercom unit
- Realisation of more than eight call buttons, e.g. for a doorbell panel
- Increased security requirements, vandal protection
- Extreme operating conditions, e.g. in cold stores

There are two variants of separate electronics mounting. Please note the distinction between local and remote mounting (see from page 157).

up to 2,5 m Local separate electronics mounting

With local separate electronics mounting, the electronics are connected via a connection cable to the loudspeaker, microphone and up to eight call buttons (with SIP connection), up to 100 call buttons (with BS).

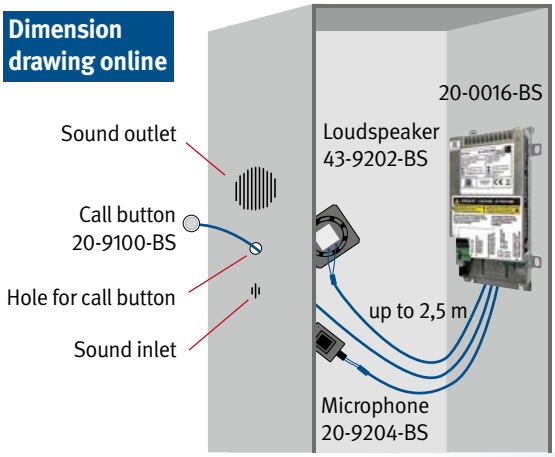
Keypad and camera can also be connected.

Connection cable **max. 2.5 m**.

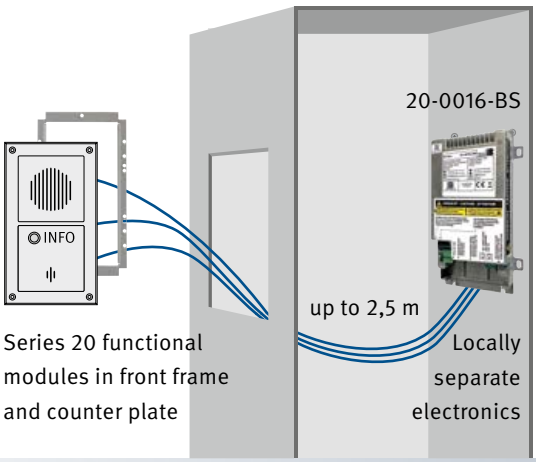
Applications:
Ticket machine, parking ticket machine, letterbox system, info terminal, kiosk system

On-site panel

Dimension drawing online



Series 20 functional modules



a/b electronics for local separate mounting



20-0016E

RRP 359,00 Euro + VAT

Electronics for local separate electronics mounting with max. 4 call buttons

- Electronics a/b
- 97 x 202 x 37 mm (W x H x D)

Hybrid electronics for local separate mounting



20-0016-BS

RRP 774,00 Euro + VAT

Electronics size 2, for local separate electronics mounting

- Electronics hybrid
- 97 x 191 x 40 mm (W x H x D)



Example: ticket machine

Local separate electronics mounting is ideal for ticket machines, for example. Sound inlet and outlet openings can be fitted from behind with a Behnke loudspeaker and microphone. The electronics can be mounted up to 2.5 m away.

up to 50 m Remote electronics mounting

Depending on the technology used, remote electronics mounting allows a range of up to 50 m, depending on the cable cross-section used (maximum distance between electronics and door module).

Using extension modules, the door modules can be extended by up to 100 call buttons. Loudspeaker, microphone, buttons and keypad, a camera and a door opener can be connected to the door modules themselves.

Applications

- Outdoor gates
- Personnel separation systems (turnstiles)
- Barrier systems
- If there is no space at the installation site for a standard door intercom with integrated electronics



Example: turnstile

The remotely mounted electronics of the door intercom can be located in a building up to 50 m away, where they are 100% protected against unauthorised access and vandalism.

Remotely mounted electronics



20-0005-BS

RRP 804,00 Euro + VAT

- Remotely mounted SIP electronics

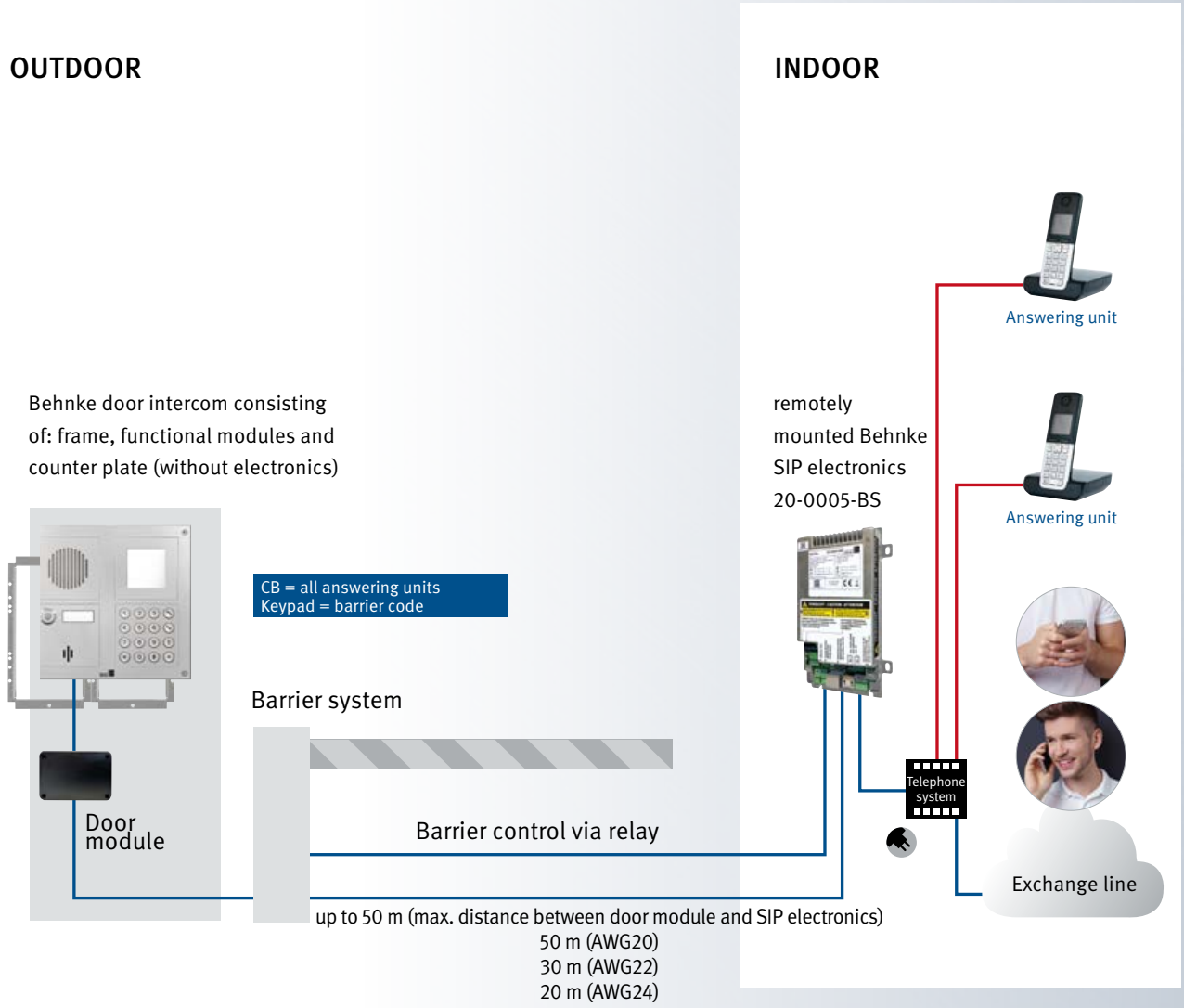


43-9251-BS

RRP 183,00 Euro + VAT

- Door module

Diagram SIP: remote mounting at car barrier (on request)



Door module connection options:

- Loudspeaker
- Microphone
- 8 buttons (alternatively 4 buttons and keypad)

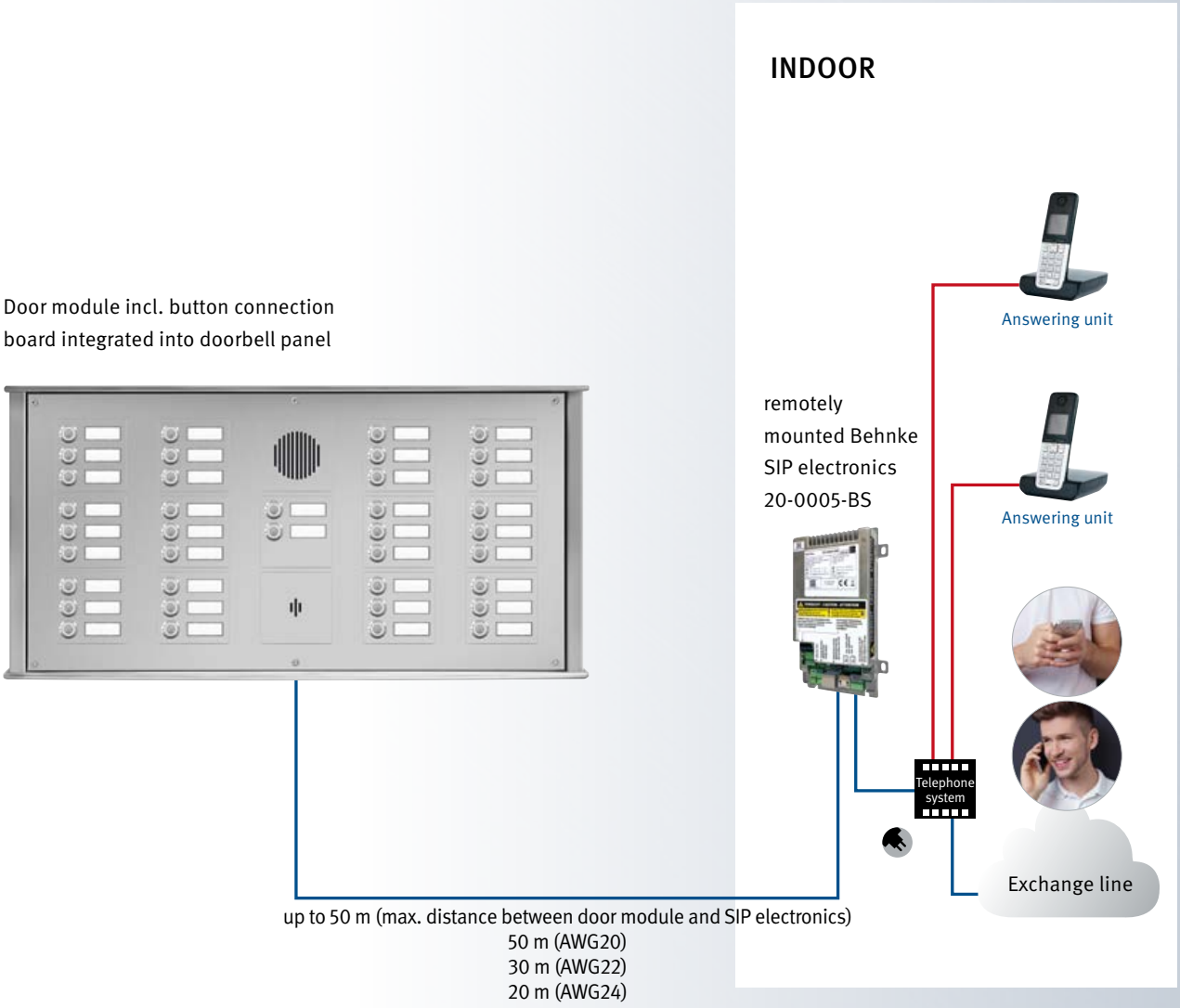
- Loudspeaker
- Microphone
- 8 buttons (alternatively 4 buttons and keypad)

Diagram SIP: remote mounting as rear-mounted variant

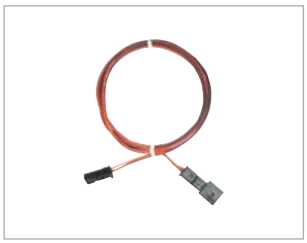
With on-site panel, using button connection board and rear-mounting modules



Diagram SIP: remote mounting on multi-button (up to 100 buttons)



Cable for local separate electronics mounting a/b



20-9305
RRP 6,00 Euro + VAT

- Extension cable 1 m
- For loudspeaker, microphone and button
- Two-core



20-9311
RRP 20,00 Euro + VAT

- Extension cable 1 m
- For keypad



20-9310
RRP 9,00 Euro + VAT

- Extension cable 1 m
- For camera
- Four-core



20-9303
RRP 5,00 Euro + VAT

- Extension cable 1 m
- With 1 x MQS socket (to plug existing buttons into Behnke connectors)
- Two-core

Cable for local separate electronics mounting SIP



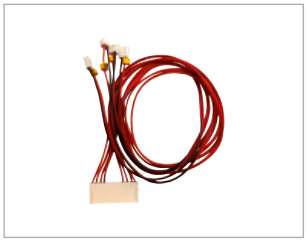
20-9303-BS
RRP 5,00 Euro + VAT

- Connection cable with HPI socket (one end)
- Two-core
- Connection for on-site components such as loudspeaker, call button, microphone
- Length: 1 m
- for electronics without ribbon cable



20-9305-BS
RRP 6,00 Euro + VAT

- Extension cable with HPI socket/plug
- Two-core
- for loudspeaker, call button, microphone
- Length: 1 m
- for electronics without ribbon cable



20-9311-BS
RRP 20,00 Euro + VAT

- for connecting an existing keypad to the Behnke Station
- for keypad
- Length: 1 m
- for electronics without ribbon cable

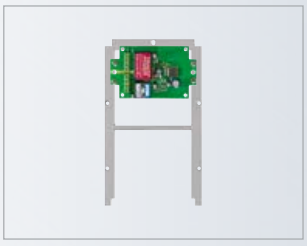
Additional amplifier



20-0054

RRP 127,00 Euro + VAT

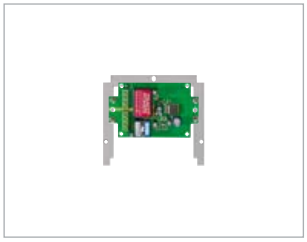
- Additional amplifier 7 W
- For connecting the horn or broadband loudspeaker to the a/b electronics
- Power supply unit required
- 90 x 120 x 50 mm (W x H x D)



20-0056

RRP 127,00 Euro + VAT

- Additional amplifier 7 W
- For connecting the horn or broadband loudspeaker to the a/b electronics.
- Mounted on additional counter plate size 2
- Power supply unit required



20-0055

RRP 127,00 Euro + VAT

- Additional amplifier 7 W
- Power supply unit required
- For connecting the horn or broadband loudspeaker to the a/b electronics
- Mounted on additional counter plate size 1

If the “regular” volume of your Behnke door intercom is not sufficient, you can connect a horn loudspeaker to the electronics using the additional amplifier.

Loudspeaker for rear mounting



20-9200
RRP 19,00 Euro + VAT

43-9200-BS
RRP 25,00 Euro + VAT

- Loudspeaker size 1
- Recommended connection accessories: extension cable depending on connection type
- 50 x 50 x 24 mm (W x H x D)



20-9201
RRP 26,00 Euro + VAT

43-9201-BS
RRP 26,00 Euro + VAT

- Loudspeaker size 2
- Recommended connection accessories: extension cable depending on connection type
- 65 x 65 x 26 mm (W x H x D)



20-9202
RRP 27,00 Euro + VAT

43-9202-BS
RRP 27,00 Euro + VAT

- Loudspeaker size 3
- Recommended connection accessories: extension cable depending on connection type
- 83 x 83 x 32 mm (W x H x D)



20-9915
RRP 35,00 Euro + VAT

43-9915-BS
RRP 40,00 Euro + VAT

- Loudspeaker size 4
- Recommended connection accessories: extension cable depending on connection type
- 83 x 83 x 29 mm (W x H x D)

Microphone for rear mounting



20-9204
RRP 26,00 Euro + VAT

20-9204-BS
RRP 26,00 Euro + VAT

- Microphone
- Recommended connection accessories: extension cable depending on connection type
- 40 x 55 x 26 mm (W x H x D)

Horn loudspeaker (pressure chamber)



20-9239
RRP 47,00 Euro + VAT

- Horn loudspeaker (pressure chamber)
- DH10 10 W/8 ohms



20-9237
RRP 117,00 Euro + VAT

- Horn loudspeaker (pressure chamber)
- 15 W/8 ohms
- Aluminium housing
- Incl. connection cable

VOICE



Special call buttons with MQS connector for SIP 2.0 or a/b electronics



20-9114
RRP 41,00 Euro + VAT

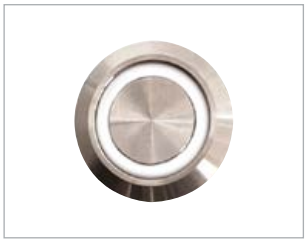
- Brass call button
- Unlit



20-9107
RRP 84,00 Euro + VAT

- Red emergency button
- Unlit
- Incl. connection cable

Call buttons as replacement parts or for rear-mounting solutions



20-9110-BS for IP
RRP 61,00 Euro + VAT

20-9110B for a/b
RRP 57,00 Euro + VAT

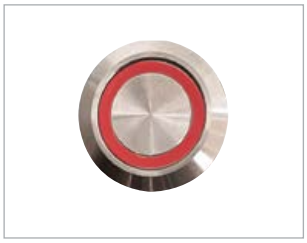
- Behnke standard version
- Call button white illuminated, stainless steell



20-9117-BS for IP
RRP 61,00 Euro + VAT

20-9117B for a/b
RRP 57,00 Euro + VAT

- Call button blue illuminated, stainless steel



20-9118-BS for IP
RRP 61,00 Euro + VAT

20-9118B for a/b
RRP 57,00 Euro + VAT

- Call button red illuminated, stainless steel



20-9119-BS for IP
RRP 61,00 Euro + VAT

20-9119B a/b
RRP 57,00 Euro + VAT

- Call button green illuminated, stainless steel

BUTTONS



Call buttons with MQS connector for SIP 2.0 or a/b electronics



Call buttons with HPI connector for Behnke Station





20-9100
RRP 27,00 Euro + VAT

- Call button unlit, stainless steel
- with connection cable



20-9100-BS
RRP 27,00 Euro + VAT

- Call button unlit, stainless steel
- with connection cable



20-9111
RRP 48,00 Euro + VAT

- Call button + bell symbol, unlit, plastic
- with connection cable



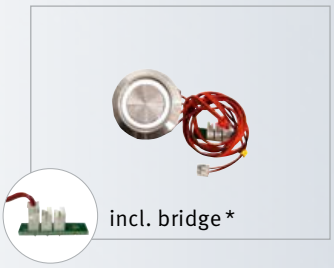
20-9111-BS
RRP 48,00 Euro + VAT

- RCall button + bell symbol, unlit, plastic
- with connection cable



20-9115
RRP 57,00 Euro + VAT

- Call button white illuminated, stainless steel
- with connection cable



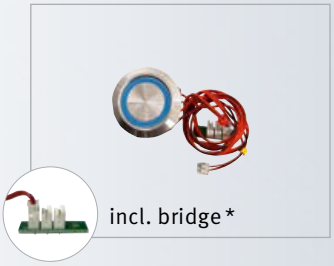
20-9110-BS
RRP 61,00 Euro + VAT

- Call button white illuminated, stainless steel
- with connection cable



20-9117
RRP 57,00 Euro + VAT

- Call button blue illuminated, stainless steel
- with connection cable



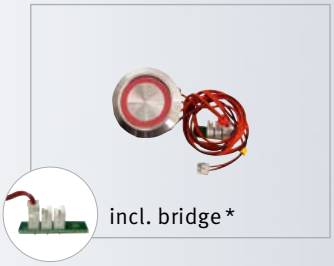
20-9117-BS
RRP 61,00 Euro + VAT

- Call button blue illuminated, stainless steel
- with connection cable/ board



20-9118
RRP 57,00 Euro + VAT

- Call button red illuminated, stainless steel
- with connection cable



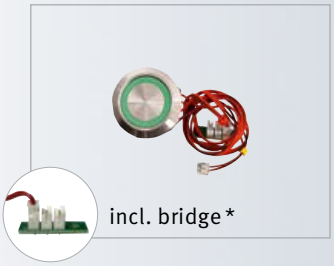
20-9118-BS
RRP 61,00 Euro + VAT

- Call button red illuminated, stainless steel
- with connection cable/ board



20-9110A
RRP 57,00 Euro + VAT

- Call button green illuminated, stainless steel
- with connection cable



20-9119-BS
RRP 61,00 Euro + VAT

- Call button green illuminated, stainless steel
- with connection cable/board

BUTTONS

**for additional call buttons (observe max. number!)*

Mains adapter and DC/DC converter



20-9585

RRP 46,00 Euro + VAT

- Mains adapter
- 15V/1,2 A
- For additional fuinctions etc.

DIN-rail power supply



20-9549

RRP 93,00 Euro + VAT

- Power supply unit
- 12 V=/3,5 A, 230 V
- Galvanic isolation, floating
- Voltage 12 V DC, stabilised
- Current consumption max. 3,500 mA (3.5 A)
- 4 modules



20-9550

RRP 128,00 Euro + VAT

- DC/DC converter
- IN 12-36 V DC, OUT 12 V DC, 330 mA
- One DC/DC converter required per BT
- Only required when using 20-9549
- 2 modules

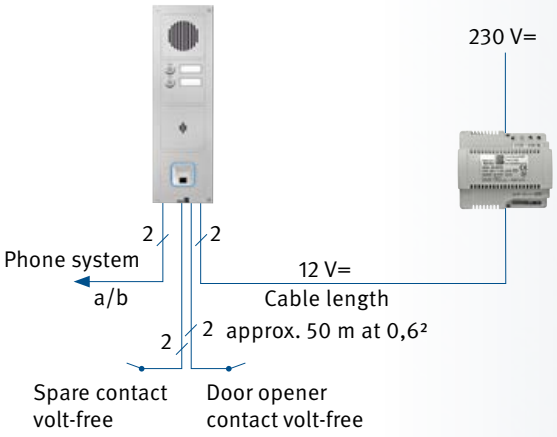


20-9575

RRP 48,00 Euro + VAT

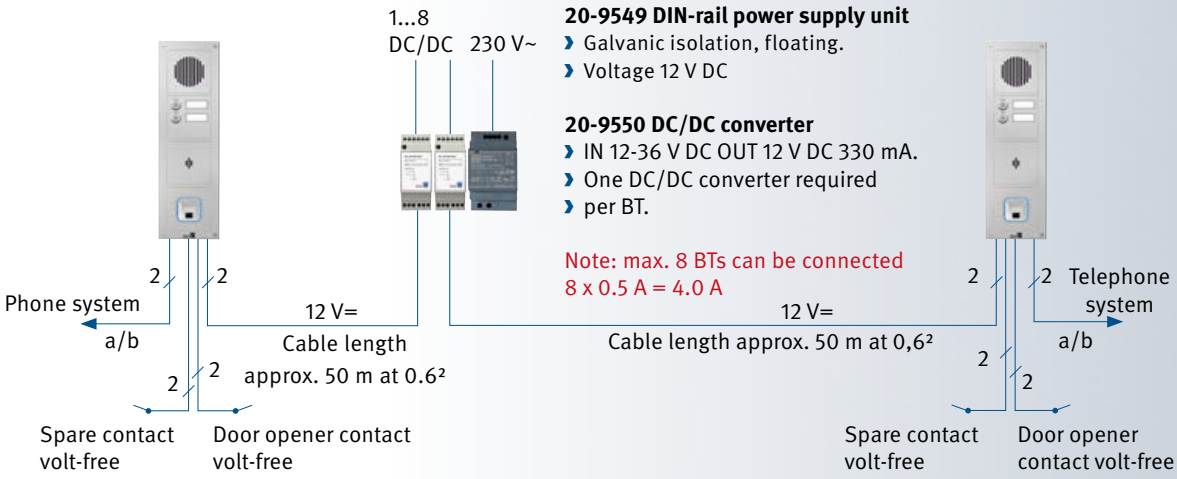
- DIN-rail power supply unit
- 15 V DC/700 mA
- Galvanic isolation, floating
- 230 V ~
- Voltage 15 V DC, stabilised
- 6 modules

Power supply for one door intercom with DIN-rail power supply unit



20-9575
DIN-rail power supply unit
- 15 V DC/700 mA

Power supply for several door intercoms with central DC/DC converter

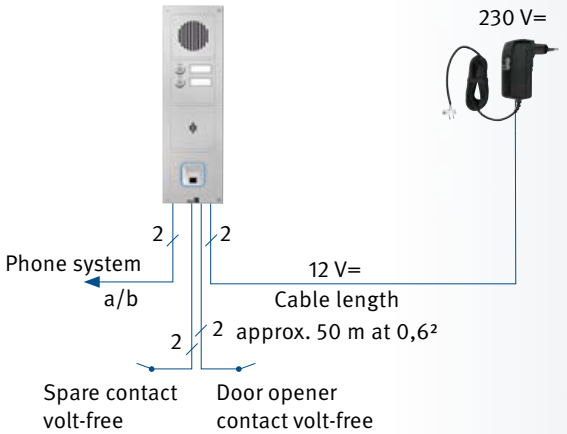


20-9549 DIN-rail power supply unit
- Galvanic isolation, floating.
- Voltage 12 V DC

20-9550 DC/DC converter
- IN 12-36 V DC OUT 12 V DC 330 mA.
- One DC/DC converter required
- per BT.

Note: max. 8 BTs can be connected
8 x 0.5 A = 4.0 A

Power supply for one door intercom



20-9585
Mains adapter
- 15 V=/1,2 A

POWER SUPPLY

PoE accessories (SIP)

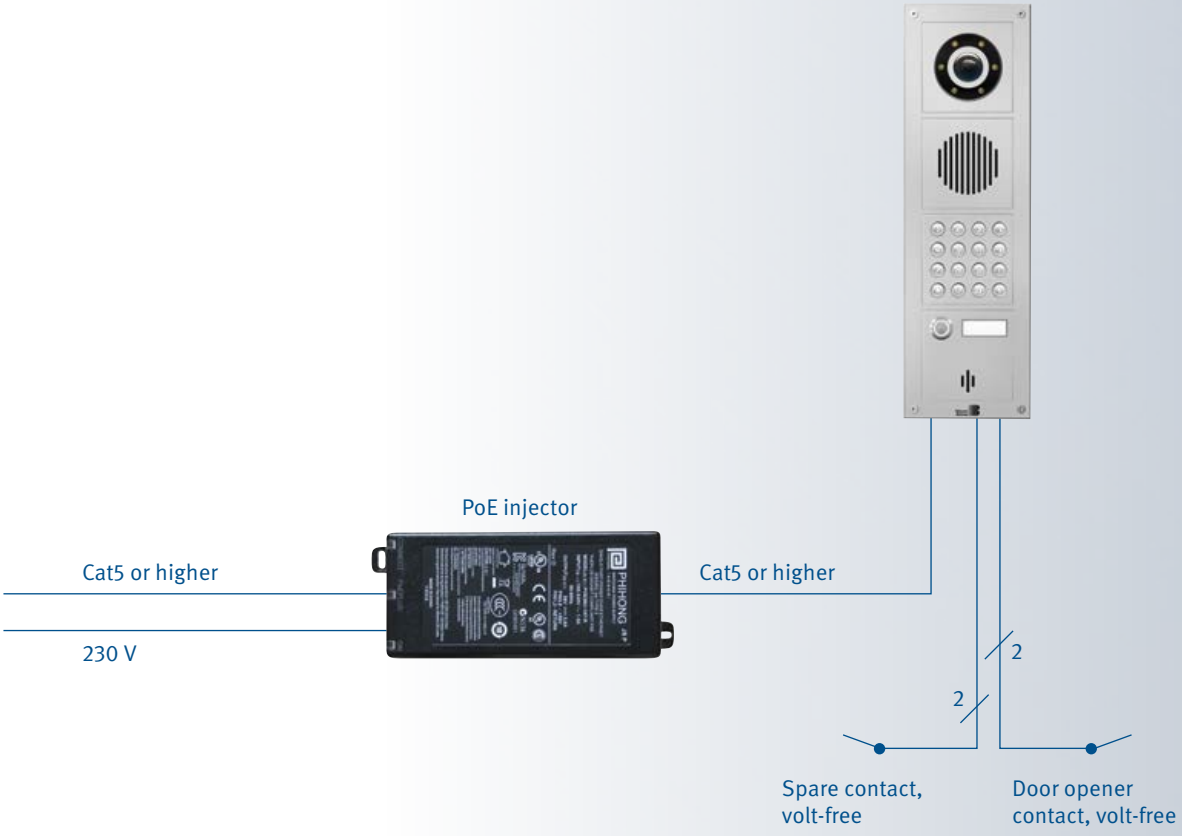


20-9596

RRP 68,00 Euro + VAT

- PoE injector
- For powering PoE-capable terminals (up to 33.6 W)
- Short-circuit proof
- Power supplied via the Ethernet cable
- IEEE 802.3at compatible

Application example PoE injector (SIP)



Tamper protection



43-9607C

RRP 247,00 Euro + VAT

- LAN Secure adapter
- Disconnects the LAN connection and the door opener circuit from the door intercom in the event of tampering
- Incl. tamper contact and mounting material (tamper contact can only be mounted with Behnke flush-mounted or on-wall housing!)
- Additional volt-free NC contact, e.g. for an alarm device or further door opener control
- Power supply via PoE according to IEEE 802.3af class 0 (by looping into the network cable)
- Reset button for resetting the shutdown after detected tampering and for manual disconnection in normal operation (hardware reset of the terminal possible)
- Relay switching voltage / capacity: 30 V, 2 A; AC and DC
- Temperature range: 0° to 85° C
- Module for DIN-rail mounting indoors
- Dimensions (W x H x D): 53 x 90 x 60 mm (3 modules)



43-9608

RRP 25,00 Euro + VAT

- Tamper contact (single)
- For LAN Secure adapter and safety relay
- Incl. mounting material

Ethernet 2-wire extender



20-9594E

RRP 611,00 Euro + VAT

- Ethernet 2-wire extender
- Set of transmitter and receiver units for connecting Behnke IP products to existing on-site cabling
- Transmission of Ethernet and PoE according to IEEE802.3af over two wires
- PoE+ required

TECHNICAL SPECIFICATIONS

- Transmission of Ethernet and PoE according to IEEE802.3af over only two wires
- 500 m range when using telecommunications cable (0.13–1.5 mm²)
- Alternative to Cat5e cable
- Supports any Ethernet device, incl. IP cameras
- Completely transparent in the network
- Easy installation, no set-up required
- Optional power supply unit (on site) or PoE injector for connection to switches without PoE according to IEEE802.3at
- PoE input: IEEE802.3at
- Input power: max. 33.6 W
- PoE output: IEEE802.3af
- Output power: 15.4 W
- Extension: max. 200 m
- Temperature range (operation): –15°C ~ +50°C
- Certifications: CE
- Scope of delivery: transmitter (PSE box, plastic housing) and receiver (PD box, DIN-rail housing 1 module)

Special mounting accessories



20-9503

RRP 13,00 Euro + VAT

- Security screws
- 4 pieces
- Incl. bit
- For use instead of Allen screws, e.g. to fasten front frames in in-wall housings



20-5216

RRP 8,00 Euro + VAT

- Cavity-wall mounting kit
- For use in combination with in-wall housing

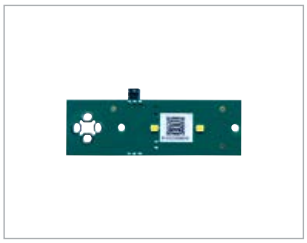


20-5219

RRP 23,00 Euro + VAT

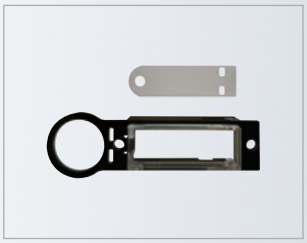
- Cavity-wall mounting kit for Series 20/50
- Set consisting of 2 self-adhesive clamping plates for fixing the front panel in special cavity installations (e.g. granite, marble)

Nameplates



20-9966A board only
RRP 18,00 Euro + VAT

- for nameplate Series 20 (from 2022)



20-9966B without board
RRP 18,00 Euro + VAT

- Nameplate for Series 20 (from 2022)
- Acrylic



41-9401B V2A design
RRP 56,00 Euro + VAT

40-9401B Aluminium
RRP 56,00 Euro + VAT

- Optional engraving field incl. black-filled engraved text (approx. max. 4.5 cm wide)
- for Series 20 (from 2022)
- Aluminium



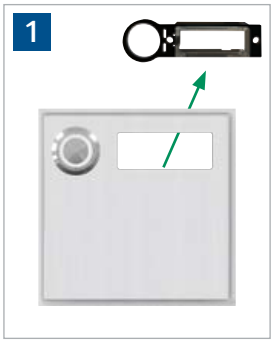
50-9967 with board
RRP 27,00 Euro + VAT

- Nameplate for Series 50
- Acrylic

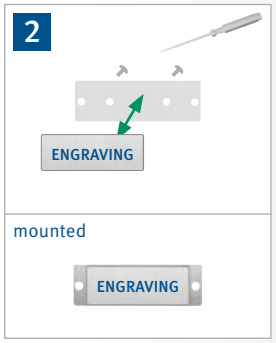
Converting a nameplate to an engraving field

For permanent labelling of the call buttons, engraved plates can be integrated (in functional modules with nameplate). These can be ordered with engraved text separately. For an extra charge, the engraved text can be colour-filled. To convert, please proceed as follows:

Remove nameplate(s)



Pre-assemble the plates



Attach engraving field



done



Loudspeaker / microphone



20-9903
RRP 14,00 Euro + VAT

20-9903-BS
RRP 14,00 Euro + VAT

- Loudspeaker size 1
- Ø 38 mm
- Without mounting plate



20-9904
RRP 18,00 Euro + VAT

20-9904-BS
RRP 18,00 Euro + VAT

- Loudspeaker size 2
- Ø 50 mm
- Without mounting plate



20-9905
RRP 24,00 Euro + VAT

20-9905-BS
RRP 24,00 Euro + VAT

- Size 3
- Ø 64 mm
- Without mounting plate



20-9915
RRP 35,00 Euro + VAT

43-9915-BS
RRP 40,00 Euro + VAT

- Loudspeaker Size 4
- Weatherproof (IP 65)!
- UV-resistant
- 83 x 83 x 29 mm (W x H x D)

Microphone



20-9906
RRP 16,00 Euro + VAT

20-9906-BS
RRP 16,00 Euro + VAT

- Microphone (single) without mounting plate

Repair-kits



20-9930E

RRP 298,00 Euro + VAT

- Replacement for defective electronics 20-0014E, 20-0001E, 20-0043E, 20-0016E



20-9930-BS

RRP 710,00 Euro + VAT

- Replacement for defective electronics 20-0014-BS, 20-0016-BS, 20-0001-BS

REPAIR



BEHNKE EMERGENCY CALL CENTER



(Abb. ähnlich)

Efficient help in emergencies: The service of Notrufzentrale Behnke GmbH

For more than 20 years, Notrufzentrale Behnke GmbH has specialised in professional services in the field of lift emergency calls. With high quality standards and constant availability (24/7), it offers maximum security in a wide range of emergencies. Naturally, Notrufzentrale Behnke GmbH also operates redundant emergency control stations that take over if the main control centre fail.

Emergency call centres play a crucial role. Their task is to act professionally in the event of accidents, fires or medical emergencies and to initiate, follow up and traceably record the right measures. With its emergency call centre, the Behnke Group offers a particularly efficient service. State-of-the-art technology and well-trained staff ensure safety around the clock – because every second counts.

Notrufzentrale Behnke GmbH is part of a comprehensive chain of safety systems aimed at helping people in emergencies. Using state-of-the-art technology, emergency calls and messages are received, analysed, logged and processed in accordance with the stored alarm plans. The Behnke emergency call centre has continuously expanded its services in order to meet future challenges with high standards.

Notrufzentrale Behnke GmbH
Gewerbepark „An der Autobahn“
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66459 Kirkel
Germany

Info hotline: +49 (0) 68 41 / 81 77-112
Fax: +49 (0) 68 41 / 81 77-150

info@notrufzentrale-behnke.de
www.notrufzentrale-behnke.de

CONTROL CENTRE CONNECTION

- Lift emergency call and lift monitoring
- Emergency call and door intercoms
- and much more

BEHNKE EMERGENCY CALL CENTRE

- Staffed 24 hours a day, 365 days a year
- Software with location screen containing the relevant stored location information
- Alerting/notification according to the agreed alarm plan (e.g. lift rescue or help for people with disabilities), providing information to those seeking help etc.
- Logging and voice recording
- Redundancy of the emergency call centre, e.g. in the event of a power failure
- and much more

Notruf Zentrale Behnke
Einfach mehr Partner!

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