

45  
jahre  
**sk**s



Your partner for  
digital and green  
building solutions

## Your advantages using an SKS system

1, 2, ✓

We accompany your project from planning to initial setup



Your personal SKS consultant will assist you at all project stages

45 +

Benefit from more than 45 years of competence in door communication



Short delivery times even for customized units



Secure BUS programming with DIP switches, one-man programming



Best value for your money



Solutions for a wide variety of buildings and situations



Individuality and high flexibility in the field of door stations



Pre-wired door stations (considerable reduction of installation costs)



Products have received multiple design awards



Considerable choice of materials



CERTIFIED ACCORDING TO ISO 9001:2015



In addition to the technical support SKS provide trainings at the company's training centre or at your location, which are individually targeted to the actual needs of the participants. Please find more information under: [www.sks-kinkel.de/schulungen](http://www.sks-kinkel.de/schulungen)

# Intelligent building communication, parcel locker and postbox systems for sustainable and forward-looking projects

**sk**s



Claudia  
Kinkel

Christopher  
Kinkel

As a family business with more than 45 years of experience in building communication, we offer not only classic door stations but also parcel locker systems, letterboxes and IP-based solutions for home communication. Digitalisation, comfort and security become increasingly important. In connection with this, the topics smarthome and networked buildings for functional buildings and owner-flats are more and more asked. The combination of state-of-the-art technology and excellent design is increasingly a central component in real estate planning.

The diversity of innovative building communication, parcel locker systems and letterboxes can be discovered in the new catalogue. Here you can find our solutions from the classic door station up to demanding digitalization projects with API for the connection to existing real estate platforms and apps. With SKS do you can offer your costumer a special experience in the field of door communication and lend your real estate much comfort.

We are happy to support you in planning and implementation, offer you goal-oriented solutions and unique opportunities. Custom made applications for your building communication, such as large numbers of participants, long cable routes or the connection to apps, are possible without restrictions with the SKS portfolio.

Together we make your dreams of modern building communication come true. Personal engagement, excellent service and high-quality products are matter for our traditional company, as well as our values and responsibility for the people behind the products. In a way, with a big porduct portfolio and lots of ideas, motivation and innovation, we offer your real added values with witch you can inspire your customers.

Let's experience the SKS portfolio together.

Yours sincerely, the Kinkel family



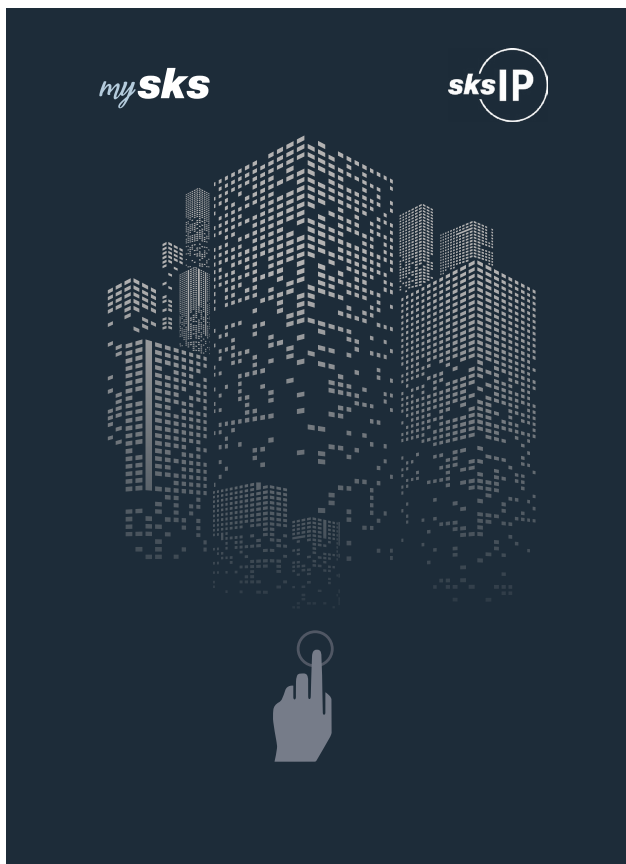
VICO video indoor station (hands-free)

[Details on page 6](#)



COMFORT door station  
Multitouch 10,1"

[Details on page 38](#)



SKS IP technology -  
digital building solutions

[Details from page 42 forward](#)



COMFORTbox  
parcel locker system

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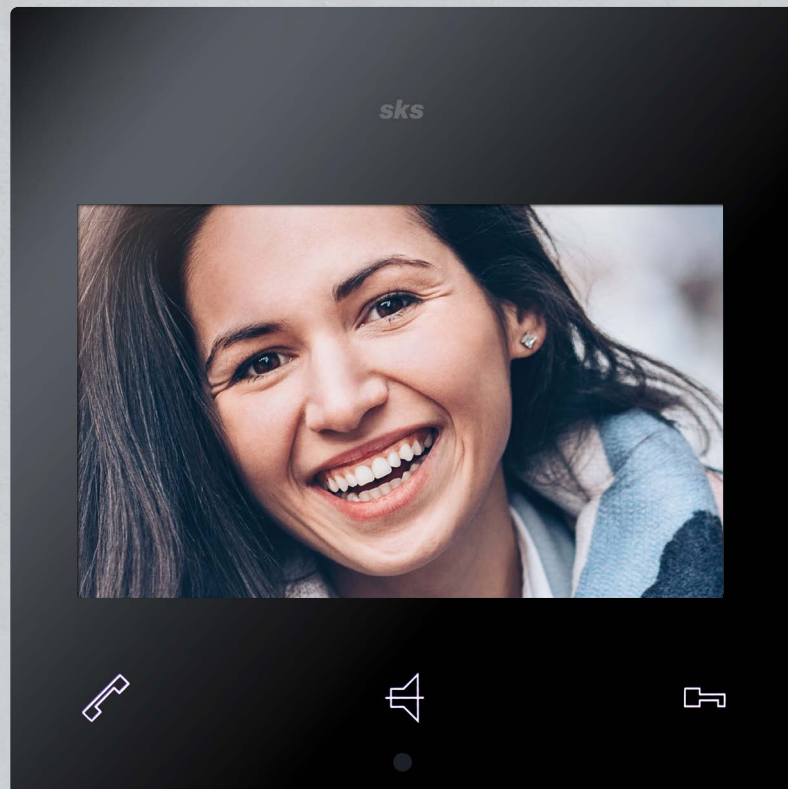
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## SKS VICO — Flawless elegance in glass

The SKS videoindoorstation VICO hands-free is characterized by a high-quality real glass surface and, with its puristic design, forms a stylish detail that enriches every living environment. It excels with its elegant, flat surface-mounted housing, which protrudes only 17 mm over the wall and is easy and intuitive to use for every age group.

High-resolution  
12,7 cm (5")  
touch display +

High-quality real  
glass surface +

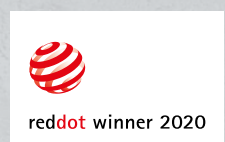


+ Protrudes just 17 mm  
+ over the wall

+ Intuitive  
operation

Dimensions:(BxHxT):  
135 x 135 x 17 mm

Colors: black, white



The VICO is equipped with a big high resolution 5" color touch display that is activated when a door call comes in and shows a high resolution video image from the door station. Additionally to that the door call is signalled by lighting up the three keys accepting a call, muting and door opener and by playing the ringtone. Excellent and clear transmission of speech as well as the privacy function during an active door call go without saying.

All other functions, such as settings of ringtones, ringtone volume,

color, contrast and brightness are made in the intuitive and clearly structured menu. Here the resident can choose German or English as the menu language.

The optional image storage function of the VICO improves the residents' feeling of security. Are the technical functions available, a camera image of the visitor is stored for every incoming door call. By checking the image memory the user hence can keep control of who has called in during his absence.





## Features

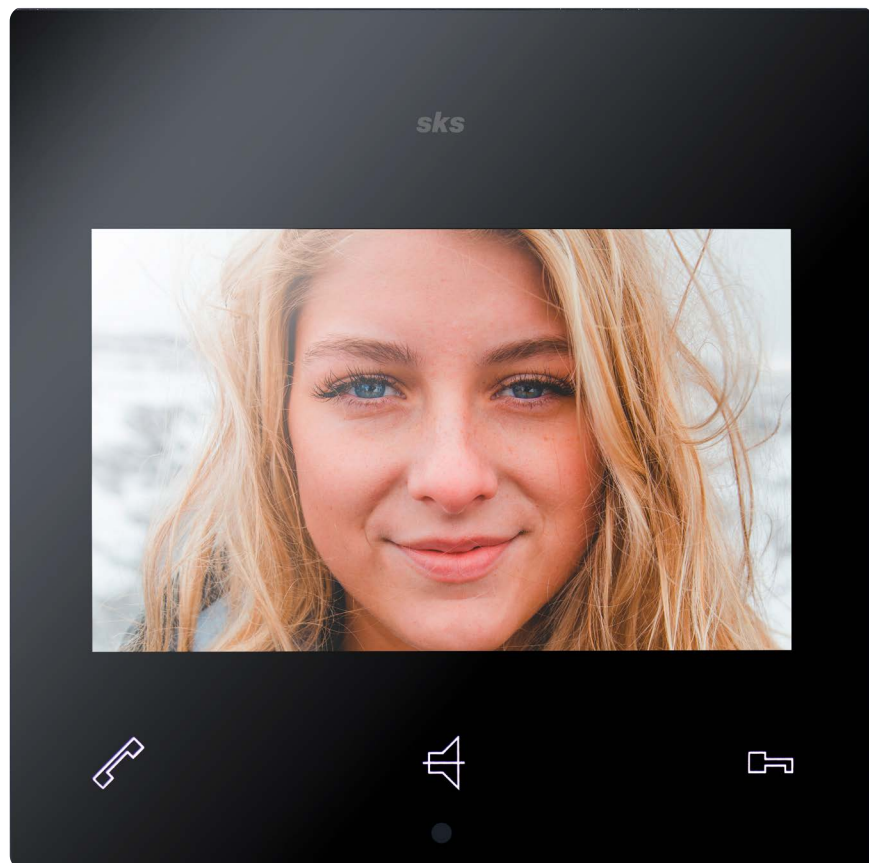
- SKS BUS technology
- Real glass surface
- Capacitive tactile sensor for accepting calls, opening doors and muting (ringtone is automatically reactivated after the chosen time span, after a maximum of 24 hours)
- Further settings like changing the ringtone volume or ringtone melody, color, contrast and brightness settings are done via the 5" touch display
- Optical signalling of calls by illuminated sensor keys
- Automatic door opener function
- One-man installation and programming
- Optionally parallel operation of up to 3 indoor stations
- Key functions in the menu are password protected, so they can not be changed unintentionally
- „Vanishing print“: Keys appear automatically when a door call comes in or the display is touched
- All in all 12 ringtone melodies for door, floor and internal calls
- Ringtone volume adjustable
- Menu language in German or English
- Hands-free operation
- Audio and video privacy function
- Internal call function
- Optional image memory function (usage is only possible in connection with media coupler 300102)
- Automatic storage of the configuration in external memory chip (on terminal)
- Installation on FM- or inwall box

Item no.	Description	Color	Dimensions (BxHxT)
100074	VICO video, hands-free, 6-wire, real glass surface	white	135 x 135 x 17 mm
100075	VICO video, hands-free, 6-wire, real glass surface	black	135 x 135 x 17 mm

## VICO – Flawless elegance in glass

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The three keys of the VICO are designed in a vanishing print, so that they can only be seen in the innovative glass surface when they are actually needed, i. e. when the user activates the indoor station by touching it or if a door call comes in. Therefore it is possible to create a minimalistic and clear structure that impresses.



Product videos and further information  
[www.sks-kinkel.de/vico](http://www.sks-kinkel.de/vico)



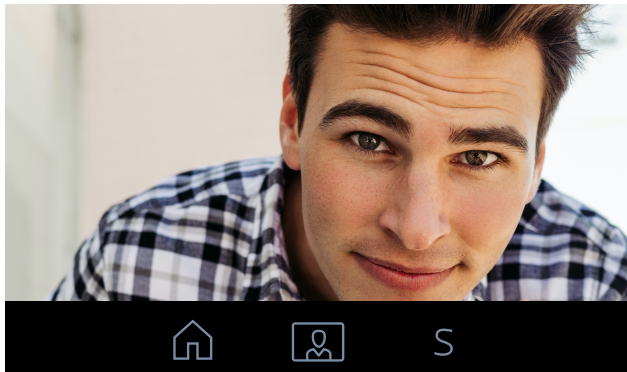
The VICO has an automatic door opener. If this is activated the door is opened automatically by pushing the respective door bell at the door station. The door opener key flashes to indicate this state for the resident.

The most important settings in the menu, such as connecting the VICO indoor station to a certain door call address or internal call address, are password protected, so that they cannot be changed unintentionally by the user.

It goes without saying that all other functions, i. e. setting brightness, volume etc. are available to the user without any restrictions.

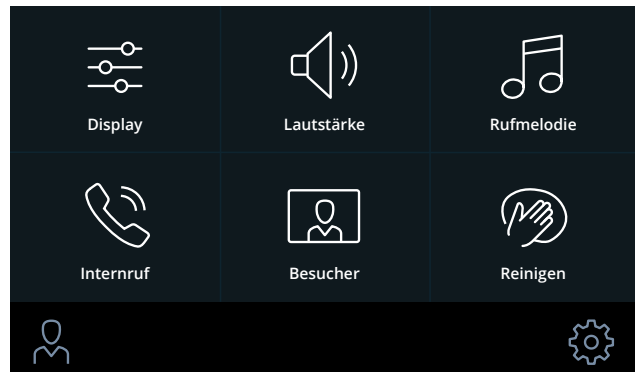
All in all the VICO by SKS excels in all areas – proven SKS BUS technology in combination with an outstanding puristic design and excellent functionality speak for themselves.

## VICO – Functional overview



### Call menu

When a door or floor call comes in, the camera image is automatically displayed. When touching the display the call menu is opened. Using this, you can change into the main menu, activate special functions like opening a floor door or calling the concierge (only with additional switching actuator or BUS actuator module) or – if installed – turning on the image memory function



### Main menu

All other functions and settings are done via the main menu, as e. g. brightness, contrast, internal call addresses, volume of ringtone and speech and many more.



### Muting

Muting is done intuitively via the clearly structured menu. The duration of the muting can be chosen by the resident. After that chosen time span (at the latest after 24 hours) the ringtone is automatically switched back on.



### Image storage

The optional image storage function of the VICO (usage is only possible in connection with item 300102) improves the residents' feeling of security. Are the technical functions available, a camera image of the visitor is stored for every incoming door call. Thus the user can keep control of who has called in during his absence.

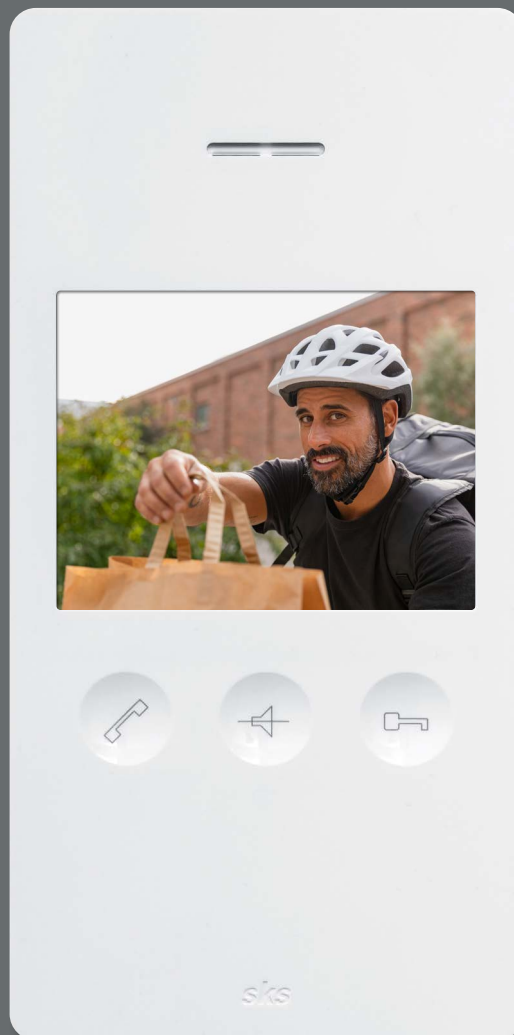


## BSV2012 Video

With the elegant BSV2012 Video SKS complete their product line with a high-quality basic model in the video segment, convincing in a wide variety of projects and situations.

8,9 cm (3,5")  
TFT color display

Harmonic  
ringtone melodies



+ Protrudes just 17 mm  
over the wall

+ Operation via  
touch display

+ Easy operation  
for each age group

Dimensions: (BxHxT):  
90 x 180 x 17 mm  
color: white



The BSV2012 video is designed to be operated by any age group. Below the display there are three big capacitive concave buttons for the main functions to answer a call, open the door and muting.

Further functions such as selecting the ringtone melody, setting the volume as well as the contrast and brightness are carried out easily using the menu in the touch screen.



## Features

- SKS BUS technology
- Touch key functions: accept calls, open the door, muting ringtone (automatically reactivated after 12 hours)
- Additional functions via touch display: switching functions possible (via switching actuator 300022 or BUS actuator module 300095, without additional wires), setting of ringtone volume, ringtone melodies, color, contrast and brightness
- 8,9 cm (3,5") TFT color display
- Automatic activation of the TFT display when a door call comes in
- Optical call signalisation via LEDs
- Audio and video privacy function
- One-man installation and programming
- Optionally parallel operation of up to 3 indoor stations
- Polyphone ringtones to choose from (differentiating between door and floor calls)
- 8 door call and 4 floor call ringtones
- Ringtone volume adjustable in 5 steps
- Menu language German or English
- Hands-free operation
- Enforcement function if loud ambient noise occurs during call
- Internal call function with up to 6 devices
- Surface-mounting

Item no.	Description	Color	Dimensions (BxHxT)
100069	BSV2012, video, hands-free, 6-wire	white	90 x 118 x 17 mm

## HTV4600 Video

The HTV4600 convinces with a lean appearance and a noble surface. The HTV4600 reduces the operating elements to the essential. The user is not subjected to unnecessary functions and can operate the indoor station intuitively.

8,9 cm (3,5")  
TFT Color Display +

Optional with plastic or  
glass surface +

Also available in black +

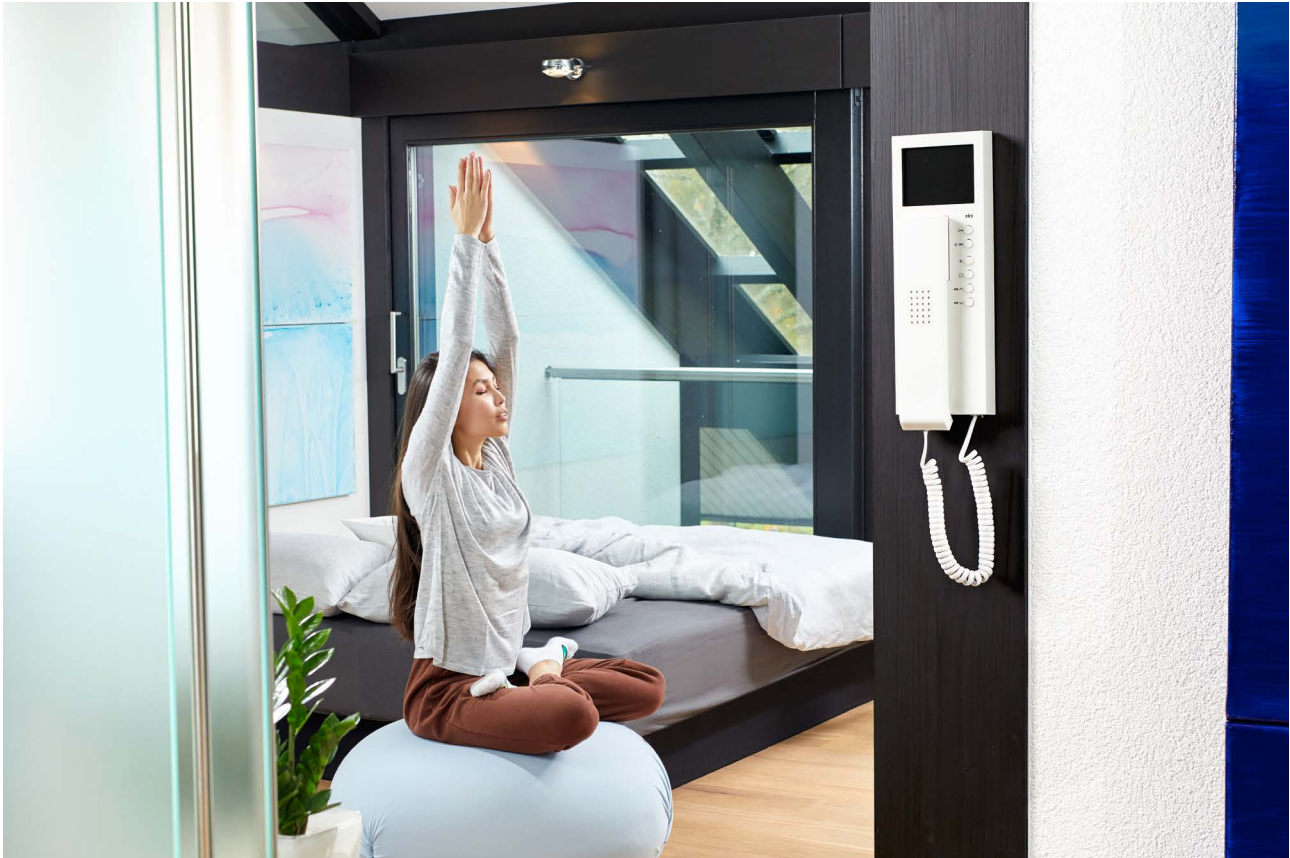
+ Optical call signalisation  
with LEDs

+ Ergonomic receiver held  
by magnet

Dimensions: (B x H x T):  
90 x 255 x 42 mm mit Hörer

Colors: white, black





## Features

- SKS BUS technology
- Key functions: Opening door, adjusting volume of calls and ringtones, muting (ringtone is reactivated automatically after 12 hours), adjusting color, contrast and brightness
- Switching functions possible (without additional wires, via switching actor 300022 or BUS actuator module 300095)
- Automatic activation of TFT color display when door call comes in
- Optical call signalling by LED
- Receiver is held by a magnet (allows for an optimal operability at any age)
- Audio and video privacy function
- One-man installation and programming
- Parallel operation of up to 3 indoor stations optional
- 8 door call- and 4 floor call ringtones
- Ringtone volume can be adjusted in 5 steps
- Surface-mounting

### With glass cover

Item No.	Description	Color	Dimensions: (BxHxT)
100039	HTV4600 (6 keys), 6-wire	white	90 x 255 x 42 mm

### With plastic cover

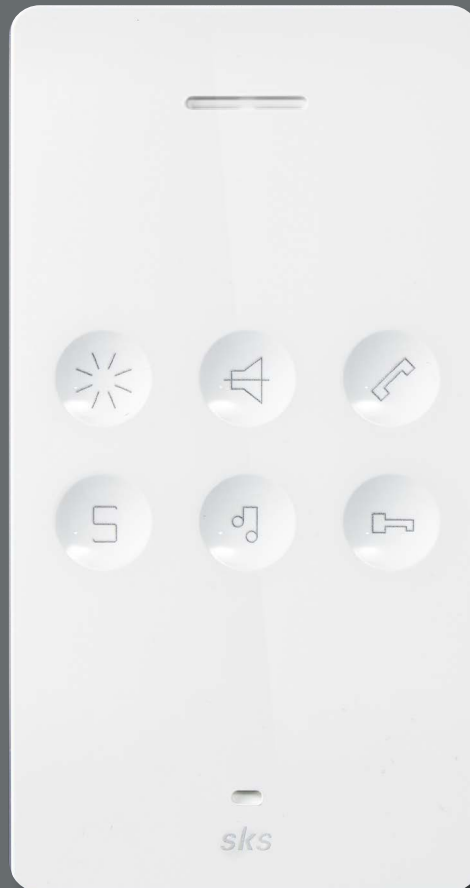
Item No.	Description	Color	Dimensions: (BxHxT)
100041	HTV4600 (6 keys), 6-wire	white	90 x 255 x 42 mm
100040	HTV4600 (6 keys), 6-wire	black	90 x 255 x 42 mm

## BS2012 Audio

The BS2012 is the innovation of the SKS basic audio free-hands indoor stations. Six concave touchkeys make orientation and operation easy at any age.

Elegant and  
timeless design +

Harmonic  
ringtones +



+ Protrudes just 13 mm  
over the wall

+ Optimal operation  
for any age group

Dimensions: (BxHxT):  
80 x 150 x 13 mm

Color: white



As all SKS indoor stations the BS2012 Audio hands-free indoor station presents itself in a well-balanced design with emphasis on key functions only.

Long life and simple cleaning are guaranteed by our conscious decision to omit mechanically movable elements.

With a depth of just 13 mm the indoor station protrudes just minimally and offers proven SKS technology in a minimum space. Harmonic ringtones add to your well-being.

Reduced to the basics with an optimal touch the indoor station BS2012 hands-free is an ideal product without any compromise for any constructor.





Audioinnensprechstellen  
BUS-Technik inkl. Sets

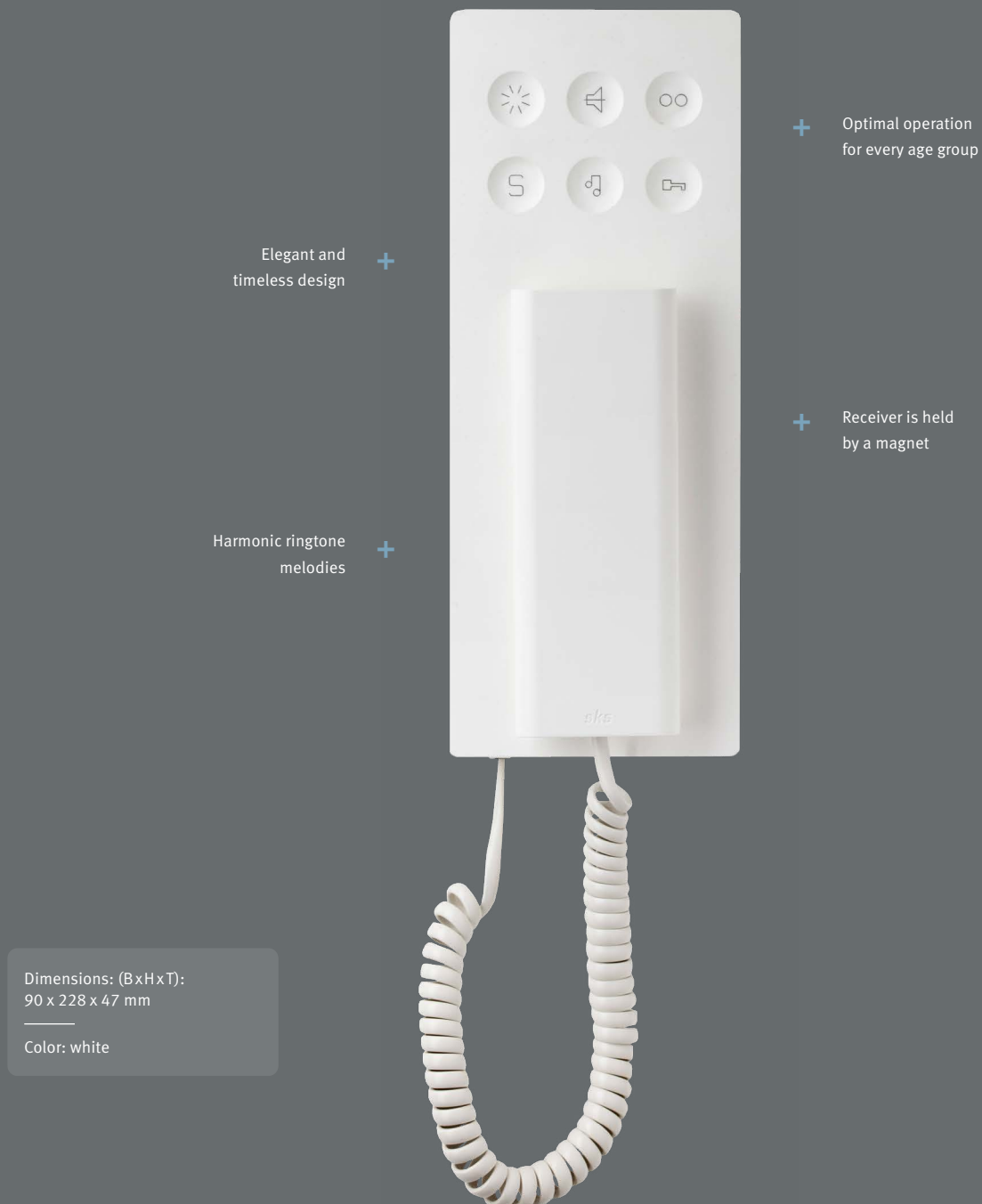
Features

- SKS BUS technology
- Touch key functions: accept calls, open the door, muting ringtone (automatically reactivated after 12 hours)
- Additional functions via touch display: switching functions possible (via switching actuator 300022 or BUS actuator module 300095, without additional wires), setting of ringtone volume, ringtone melodies, color, contrast and brightness
- 8,9 cm (3,5“) TFT color display
- Automatic activation of the TFT display when a door call comes in
- Optical call signalisation via LEDs
- Audio and video privacy function
- One-man installation and programming
- Optionally parallel operation of up to 3 indoor stations
- Polyphone ringtones to choose from (differentiating between door and floor calls)
- 8 door call and 4 floor call ringtones
- Ringtone volume adjustable in 5 steps
- Menu language German or English
- Hands-free operation
- Enforcement function if loud ambient noise occurs during call
- Internal call function with up to 6 devices
- Surface-mounting

Item no.	Description	Color	Dimensions (BxHxT)
100069	BSV2012, video, hands-free, 6-wire	white	90 x 118 x 17 mm

## BSH2012 Audio

With the BSH2012 Audio which can intuitively be operated SKS sets an actual standard: Without any compromise this indoor station focuses with its design on the essential. The BSH2012 Audio sets a standard for all SKS basic models in the segment of indoor stations with receiver.





The BSH2012 covers the size of the previous indoor station HT4500-3MS (800079) , so that no repair work is necessary when exchanged.

## Features

- SKS BUS technology
- Indoor station with receiver, (the ergonomic receiver is held by a magnet; accepting calls by picking up the receiver)
- Key functions: Opening door, adjusting volume of calls and ringtones, muting (ringtone is reactivated automatically after 12 hours), potential-free switching functions possible (via switching actuator 300022 or BUS actuator module 300095, without additional wires)
- Optical call signalisation with LEDs
- Audio privacy function
- One-man installation and programming
- Optional parallel operation of up to 4 indoor stations
- 8 door call and 4 floor call ringtones
- Ringtone volume can be adjusted in 5 steps
- Operation via 6 concave touch keys (allow for an optimal operability at any age)
- Audio and video indoor stations can be combined within one structure
- Surface mounting

Item no.	Description	Color	Dimensions (BxHxT)
200027	BSH2012, Audio, receiver, 2-wire	white	90 x 228 x 47 mm

### With automatic door opener function

Item no.	Description	Color	Dimensions (BxHxT)
200029	BSH2012, Audio, receiver, 2-wire, with ADO function	white	90 x 228 x 47 mm

## HT4600

The HTV4600 reduces the operating elements to the essential. The ergonomic receiver which is kept in position with the help of a magnet enables the user to operate the indoor station intuitively at any age.



### Features

- SKS BUS technology
- Key functions: Opening door, adjusting volume of calls and ringtones, muting (ringtone is reactivated automatically after 12 hours)
- Switching functions possible (without additional wires, using switching actuator 300022 or BUS actuator module 300095)
- Optical call signalling with LEDs
- Receiver is held by a magnet (allows for an optimal operability at any age)
- Audio privacy function
- One-man installation and programming
- Parallel operation of up to 4 indoor stations optional
- 8 door call and 4 floor call ringtones
- Ringtone volume can be adjusted in 5 steps
- Optional 6 additional keys for internal call function
- Surface-mounting

#### 4 keys

Item no.	Description	Color	Dimensions (BxHxT)
200009	HT4600 (4 keys), audio, 2-wire	white	82 x 195 x 33 mm

#### 4 keys + 6 keys for internal call function

Item no.	Description	Color	Dimensions (BxHxT)
200010	HT4600 (10 keys), audio 2-wire	white	82 x 195 x 33 mm

## Table kits

An alternative to wall mounting SKS intercom stations are table mounting kits\*. Our table mounting kits consist of high-quality Plexiglas and have a massive, non-slip stand. The scope of delivery also includes a patch cable RJ45, length 5m, RJ45 UP and AP socket in white, a stainless steel bracket with RJ45 socket and 60 mm connection cable.

\* table mounting kits not included.

### Table kit audio

for series

- **HT4600 audio**
- **BS2012 audio** hands-free
- il vetro audio
- DS2010 audio hands-free
- HT926 (1+n Technik)
- HT925 (1+n Technik)



Item No.	Description	Dimensions (BxHxT)
<b>300099</b>	Table kit audio	Foot: 100 x 140 x 10 mm Carrier plate: 80 x 248 x 5 mm

### Table kit video/audio

for series

- **BSH2012 audio**
- DS2010 video hands-free
- DS2010 audio with receiver
- il vetro Video



Item No.	Description	Dimensions (BxHxT)
<b>300100</b>	Table kit video/audio	Foot: 100 x 140 x 10 mm Carrier plate: 80 x 288 x 5 mm

### Table kit video receiver

for video series

- **HTV4600 video receiver**
- DS2010 video receiver



Item No.	Description	Dimensions (BxHxT)
<b>300101</b>	Table kit video receiver	Foot: 100 x 140 x 10 mm Carrier plate: 80 x 288 x 5 mm

### Table kit video hands-free

for video series

- **BSV2012 video hands-free**
- SMARTLine 2D BSV2012 videos hands-free



Item No.	Description	Dimensions (BxHxT)
<b>300110</b>	Table kit video hands-free	Foot: 100 x 140 x 10 mm Carrier plate: 80 x 288 x 5 mm



# Set with aluminium door station (surface-mounted)

## Set options

Outside a flat (protruding only 18 mm over the wall), well-designed door station for surface-mounting is installed, which is made from silver anodized aluminium. The door station which is protected against vandalism is characterized by its LED illumination and its 4 mm front panel.

## You have the choice for the indoor call stations

The **BS2012** sets the standards for all SKS basic models in the segment of audio hands-free. 6 concave keys simplify orientating and operating for all age groups. With only 13 mm depth the indoor station protrudes only minimally.

The **HT4600** reduces the operating elements to the essential. The ergonomic receiver which is kept in position with the help of a magnet enables the user to operate the indoor station intuitively at any age.



Elegantly designed door station  
(Material aluminium silver anodized)

## 2-wire audio set with BS2012 audio in white with door station in aluminium silver anodized for surface-mounting

No. of users	Item no.	Description	Dimensions (BxHxT)
1	500179	Set BS2012, in 1 row	152 x 202 x 18 mm
2	500180	Set BS2012, in 1 row	152 x 202 x 18 mm
3	500181	Set BS2012, in 1 row	152 x 292 x 18 mm
4	500182	Set BS2012, in 1 row	152 x 292 x 18 mm
5	500183	Set BS2012, in 1 row	152 x 292 x 18 mm
6 (2 x 3)	500184	Set BS2012, in 2 rows	152 x 292 x 18 mm
8 (2 x 4)	500185	Set BS2012, in 2 rows	152 x 292 x 18 mm
10 (2 x 5)	500186	Set BS2012, in 2 rows	152 x 292 x 18 mm
12 (2 x 6)	500187	Set BS2012, in 2 rows	152 x 336 x 18 mm



Indoor station  
BS2012 hands-  
free, white  
**For details see  
page 14**

## 2-wire audio set with HT4600 audio in white with door station in aluminium silver anodized for surface-mounting

No. of users	Item no.	Description	Dimensions (BxHxT)
1	500197	Set HT4600, in 1 row	152 x 202 x 18 mm
2	500198	Set HT4600, in 1 row	152 x 202 x 18 mm
3	500199	Set HT4600, in 1 row	152 x 292 x 18 mm
4	500200	Set HT4600, in 1 row	152 x 292 x 18 mm
5	500201	Set HT4600, in 1 row	152 x 292 x 18 mm
6 (2 x 3)	500202	Set HT4600, in 2 rows	152 x 292 x 18 mm
8 (2 x 4)	500203	Set HT4600, in 2 rows	152 x 292 x 18 mm
10 (2 x 5)	500204	Set HT4600, in 2 rows	152 x 292 x 18 mm
12 (2 x 6)	500205	Set HT4600, in 2 rows	152 x 336 x 18 mm



Indoor station  
HT4600, white  
**For details see  
page 18**

Including the following components: control modul for up to 2 RU (300027), cotntrol modul for up to 3 RU(300052), BUS driver (300011) and transformator (300035).

## Set with stainless steel door station (flush-mounted)

### Set options

Outside an elegant door station with stainless steel front panel and in-wall housing for flush mounting is installed. The door station which is protected against vandalism is characterized by its LED illumination and its 4 mm front panel.

### You have the choice for the indoor call stations

The **BS2012** sets the standards for all SKS basic models in the segment of audio hands-free. 6 concave keys simplify orientating and operating for all age groups. With only 13 mm depth the indoor station protrudes only minimally.

The **HT4600** reduces the operating elements to the essential. The ergonomic receiver which is kept in position with the help of a magnet enables the user to operate the indoor station intuitively at any age.



Elegantly designed door station  
(Material stainless steel V4A brushed)

Audioinnensprechstellen  
BUS-Technik inkl. Sets

### 2-wire audio set with BS2012 audio in white with door station in stainless steel for flush-mounting

No. of users	Item no.	Description	Dimensions (BxHxT)
1	500220	Set BS2012, in 1 row	135 x 195 x 2 mm
2	500221	Set BS2012, in 1 row	135 x 220 x 2 mm
3	500222	Set BS2012, in 1 row	135 x 245 x 2 mm
4	500223	Set BS2012, in 1 row	135 x 270 x 2 mm
5	500224	Set BS2012, in 1 row	135 x 295 x 2 mm
6	500225	Set BS2012, in 2 rows	135 x 320 x 2 mm
8	500226	Set BS2012, in 2 rows	135 x 345 x 2 mm
10 (2 x 5)	500227	Set BS2012, in 2 rows	240 x 295 x 2 mm
12 (2 x 6)	500228	Set BS2012, in 2 rows	240 x 320 x 2 mm



Indoor station  
BS2012 hands-  
free, white  
For details see  
page 14

### 2-wire audio set with HT4600 audio in white with door station in stainless steel for flush-mounting

No. of users	Item no.	Description	Dimensions (BxHxT)
1	500229	Set HT4600, in 1 row	135 x 192 x 2 mm
2	500230	Set HT4600, in 1 row	135 x 220 x 2 mm
3	500231	Set HT4600, in 1 row	135 x 245 x 2 mm
4	500232	Set HT4600, in 1 row	135 x 270 x 2 mm
5	500233	Set HT4600, in 1 row	135 x 295 x 2 mm
6	500234	Set HT4600, in 1 rows	135 x 320 x 2 mm
8	500235	Set HT4600, in 1 rows	135 x 370 x 2 mm
10 (2 x 5)	500236	Set HT4600, in 2 rows	240 x 295 x 2 mm
12 (2 x 6)	500237	Set HT4600, in 2 rows	240 x 320 x 2 mm



Indoor station  
HT4600, white  
For details see  
page 18

Including the following components: BUS door loudspeaker (300081), BUS driver(300011) and Transformator (300035).

### Control module



Item No..	Designation	Dimensions (BxHxT)
300026	control module	130 x 96 x 21 mm

Up to 48 bell buttons can be connected to the Control module. Additionally the Control module contains loudspeaker and microphone for voice communication.

For door stations with more than 48 bell buttons the Extension module 300015 is needed. Terminals T/T (potential-free relay contact) are connected to the door opener, the electrical door lock or similar. Potential-free contact max. 36 VDC, 1 A, connected spool min. 8 Ω.

- Compatible with item 800592
- Control module BUS technology for up to 48 bell buttons
- Incl. a set of screws, grid adapter and adhesive pad
- Integrated duplex controller to suppress background noises
- Working temperature: -20 °C to +65 °C
- Protection type IP20

### Control module with external microphone and loudspeaker



Item No..	Designation	Dimensions (BxHxT)
300028	Control module with external microphone and loudspeaker	130 x 96 x 21 mm

Up to 48 bell buttons can be connected to the Control module. Microphone and loudspeaker are external and are built into existing door stations to guarantee optimal acoustics.

For door stations with more than 48 bell buttons the Extension module 300015 is needed. Terminals T/T (potential-free relay contact) are connected to the door opener, the electrical door lock or similar. Potential-free contact max. 36 VDC, 1 A, connected spool min. 8 Ω.

- For an extended address range from 49 bell buttons onwards, in connection with a Control module 300026 or 300028 (ML version)
- Incl. a set of screws, grid adapter and adhesive pad
- Working temperature: -20 °C to +65 °C
- Protection type IP20

### Control module with external microphone and loudspeaker



Item No..	Designation	Dimensions (BxHxT)
300028	Control module with external microphone and loudspeaker	130 x 96 x 21 mm

Up to 48 bell buttons can be connected to the Control module. Microphone and loudspeaker are external and are built into existing door stations to guarantee optimal acoustics.

For door stations with more than 48 bell buttons the Extension module 300015 is needed. Terminals T/T (potential-free relay contact) are connected to the door opener, the electrical door lock or similar. Potential-free contact max. 36 VDC, 1 A, connected spool min. 8 Ω.

- Compatible with item 800592
- Control module BUS technology for up to 48 bell buttons
- Incl. a set of screws, grid adapter and adhesive pad
- Integrated duplex controller to suppress background noises
- Working temperature: -20 °C to +65 °C
- Protection type IP20

### BUS Door speaker



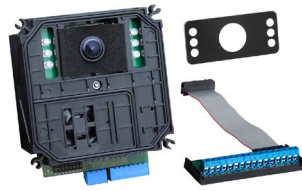
Item No..	Designation	Dimensions (BxHxT)
300081	BUS Door speaker	121 x 99 x 21 mm

The BUS Door speaker is to be integrated into the SKS door station (not suitable for all door stations, please contact our support). Up to 48 bell buttons can be connected to the BUS Door speaker. The BUS Door speaker additionally contains loudspeaker and microphone for voice communication.

For door stations with more than 48 bell buttons a further BUS Door speaker 300081 is needed, which is operated in "extension" mode. To this Extension module another 48 bell buttons can be connected. Thus up to 96 bell buttons per door station are possible. Terminals T/T (potential-free relay contact) are connected to the door opener, the electrical door lock or similar. The direct current resistance must not be lower than 8 Ω.

- Door loudspeaker incl. control module for up to 48 bell buttons
- Integrated duplex controller to suppress background noises
- Working temperature: -20 °C to +65 °C
- Protection type IP20

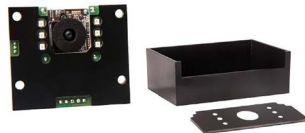
### Combined camera/speech module in 6-wire video technology for individual SKS door stations



Item No..	Designation	Dimensions (BxHxT)
<b>300074</b>	Combined camera/speech module in 6-wire video technology for individual SKS door stations	102 x 130 x 43 mm

For the installation into individual door stations (except for Basic line door stations and SKS stainless steel video set door stations) with up to 48 bell buttons/indoor stations. The Combined camera speech module additionally contains loudspeaker and microphone for voice communication.

- Integrated duplex controller
- Symmetrical video transmission
- Effective illumination at night with 6 infrared LEDs
- Recommended installation height: 1,45 m to 1,65 m (centre of the camera lens)
- Avoid direct backlight
- Minimal light intensity: 0,2 Lux for colour
- Switching to black/white at night
- Resolution: PAL, CCD sensor 976 (h) x 582 (v) pixels
- Angle: horizontal 125°, vertical 90°, not tiltable
- Working temperature: -20 °C to +50 °C
- Humidity: 20 % to 90 %, non-condensing
- Mounting accessories and connecting adapter included
- To be used with common JY(St)Y installation cables with Ø 0,8 mm



### Pinhole camera, 6-wire

Item No..	Designation	Dimensions (BxHxT)
<b>300021</b>	Pinhole camera, 6-wire	78 x 62 x 28 mm

The Pinhole camera is installed in door stations and transmits a video image to the according indoor stations. Here the integrated heating avoids fogging of the acrylic glass window in any weather condition.

- Swivelling inside the housing
- Light intensity: 0,5 Lux (in color), switching to b/w at night at < 0,1 Lux
- Effective illumination at night with 6 infrared LEDs
- Recommended installation height: 1,45 m to 1,65 m (centre of camera lense)
- Avoid direct backlight
- Resolution: PAL, CCD sensor 976 (H) x 582 (V) Pixel
- Angle: horizontal 80°, vertical 55°
- Working temperature: -10°C to +50°C
- Humidity: 20% to 90%, non-condensing
- To be used with common JY(St)Y installation cables with Ø 0,8 mm

### Combined camera/speech module in 6-wire video technology for SKS set door stations



Item No..	Designation	Dimensions (BxHxT)
<b>300084</b>	Combined camera/speech module in 6-wire video technology for SKS set door stations	102 x 130 x 43 mm

For the installation into SKS Basic Line door stations and SKS stainless steel video set door stations with up to 48 bell buttons/indoor stations. The Combined camera speech module additionally contains loudspeaker and microphone for voice communication.

- Integrated duplex controller
- Symmetrical video transmission
- Effective illumination at night with 6 infrared LEDs
- Recommended installation height: 1,45 m to 1,65 m (centre of the camera lens)
- Avoid direct backlight
- Minimal light intensity: 0,2 Lux for colour
- Switching to black/white at night
- Resolution: PAL, CCD sensor 976 (h) x 582 (v) pixels
- Angle: horizontal 125°, vertical 90°, not tiltable
- Working temperature: -10 °C to +50 °C
- Humidity: 20 % to 90 %, non-condensing
- Mounting accessories included
- To be used with common JY(St)Y installation cables with Ø 0,8 mm



### Camera, with extended angle, 6-wire

Item No.	Designation	Dimensions (BxHxT)
<b>300075</b>	Camera, with extended angle, 6-wire	110 x 90 x 44 mm

The Camera with extended angle is installed in door stations and transmits a video image to the according indoor stations. Here the integrated heating avoids misting of the acrylic glass window in any weather condition.

- Camera tiltable within the housing
- Effective illumination at night with 6 infrared LEDs
- Recommended installation height: 1,45 m to 1,65 m
- Avoid direct backlight
- Minimum light intensity: 0,2 Lux in color
- Switching to b/w at night
- Resolution: PAL, CCD sensor 976 (H) x 582 (V) pixels
- Angle: horizontal 125°, vertical 90°
- Working temperature: -10°C to +50°C
- Humidity: 20% to 90%, non-condensing
- To be used with common JY(St)Y installation cables with Ø 0,8 mm

### Camera, with extended angle, 6-wire



Item No.	Designation	Dimensions (BxHxT)
<b>300075</b>	Camera, with extended angle, 6-wire	110 x 90 x 44 mm

The Camera with extended angle is installed in door stations and transmits a video image to the according indoor stations. Here the integrated heating avoids misting of the acrylic glass window in any weather condition.

- To connect PAL video signals
- 12 VDC supply voltage for external camera
- Max. current consumption camera: 450 mA
- Mounting close to the camera
- RG59 connection between camera and symmetry amplifier
- Working temperature: -10 °C to +50 °C
- Humidity: 20 % to 90 %, non-condensing
- Protection type IP20



### BUS actuator module

Item No.	Designation	Dimensions (BxHxT)
<b>300095</b>	BUS actuator module	52 x 42 x 15 mm

The BUS actuator module FM carries out various switching functions via a potential-free relay contact. These switching functions are initiated at the indoor station (depending on the model), the door station or mobile devices that are connected to an IP gateway. Thus it is for example possible to activate an optional radio door bell when the bell is rung. Alternatively using the BUS actuator module the floor bell can call all indoor stations simultaneously which are operated in parallel (ringing at the same time).

- Potential-free relay contact for switching functions
- Relay contact: 1 A (30 VAC/30 VDC)
- Potential-free input for floor bell
- Differentiating between door and floor call
- Can be installed into flush-mounted box
- Working temperature: -10 °C to +55 °C
- Protection type IP20

### Dome camera



Item No.	Designation	Dimensions (BxHxT)
<b>300013</b>	Dome camera	Ø 120 mm, Höhe 80 mm

The Dome camera may be used in combination with the Symmetry amplifier 300029 in the 6-wire video BUS system, so that an additional video image, different from that of the door station, can be displayed at the according indoor stations. Because of the adjustable zoom and focus of the camera, it is possible to set the camera for any application required.

- HQ color image sensor, 1/2,7" CMOS
- Vario objective 2.7 to 12 mm
- Manual focus control
- IR infrared LEDs, reaching up to 30 m
- Light intensity: 0.04 Lux (color), at night switching to s/w
- Angle: horizontal 33° to 106°, vertical 19 ° to 56°
- Supply voltage: 12 VDC (+/-30 %)
- Current consumption: 450 mA
- Working temperature: -40 °C to +60 °C
- Direct backlight must be avoided
- Suitable for all weather conditions
- Protection type IP67



### Switching actuator

Item No.	Designation	Dimensions (BxHxT)
<b>300022</b>	Switching actuator	70 x 91 x 70 mm (4TE)

The Switching actuator performs various switching functions via two potential-free relay contacts. The functions are triggered by the indoor station (depending on the model) or the door station or mobile devices connected to an IP gateway. Thus it is possible to control various functions such as staircase lights, door operators etc.

- The switching times of both relays can be set separately from each other from 1 second to around 11 minutes, one of the relays can alternatively be used as a surge relay.
- Switching capacity DC: 2 A (max. 24 V, utilization category DC13)
- Switching capacity AC: 5 A (250 V, utilization category AC1)
- Working temperature: -10 °C to +55 °C
- Protection type IP20





### Transformer 12 VAC/1,5 A

Item No.	Designation	Dimensions (BxHxT)
300033	Transformer 12 VAC/1,5 A	35 x 95 x 64 mm (2TE)

The Transformer is used to supply the door opener and/or the name plate illumination. In larger units several transformers of type 300033 may be needed. Please mind during planning that additional wires might be needed for the name plate illumination.

- Supply of up to 30 name plate illuminations
- Nominal input voltage: 220 to 240 VAC
- Rated output voltage: 12 VAC
- Nominal output current: 1.5 A
- For panel or surface mounting
- Working temperature: -10 °C to +55 °C
- Protection type IP20



### Switching power supply 28 VDC

Item No.	Designation	Dimensions (BxHxT)
300054	Switching power supply 28 VDC	71 x 95 x 68 mm (4TE)

The Switching power supply is used to power the COMFORT door station multitouch as well as an additional supply for indoor stations with image memory. The power supply is also used to power various other assemblies.

- Nominal input voltage: 207 to 253 VAC
- Rated output voltage: 28 VDC
- Nominal output current: 1,7 A
- Working temperature: -5 °C to +50 °C
- Protection type IP20



### Switching power supply 12 VDC

Item No.	Designation	Dimensions (BxHxT)
300071	Switching power supply 12 VDC	18 x 97 x 68 mm (1TE)

The Switching power supply is used to supply the active distributor 300040, if more than 2 are installed in a BUS line. The power supply is also used to supply various other assemblies.

- Replacement for switching power supply 800422
- Nominal input voltage: 100 to 240 VAC
- Rated output voltage: 12 VDC
- Nominal output current: 1 A
- Working temperature: -5 °C to +50 °C
- Protection type IP20



### Switching power supply 24 VDC

Item No.	Designation	Dimensions (BxHxT)
300085	Switching power supply 24 VDC	18 x 97 x 68 mm (1TE)

The Switching power supply is used to power the IP gateway II 300111 and 300112 and is also used as an additional supply for various other assemblies.

- Nominal input voltage: 90 to 260 VAC
- Rated output voltage: 24 VDC
- Nominal output current: 0.5 A
- Working temperature: -5 °C to +50 °C
- Protection type IP20



### Basic compact power supply

Item No.	Designation	Dimensions (BxHxT)
300089	Basic compact power supply	105 x 90 x 71 mm without terminals (6DU)

The Basic compact power supply is suitable for the SKS audio and 6-wire video BUS. Up to 96 indoor stations (without parallel connection) and a maximum of 8 door stations may be connected. Additionally it is possible to supply up to 30 name plate illuminations and the door openers. When several indoor stations are operated in parallel (i. e. they ring at the same time) the maximum number of indoor stations is reduced.

**Usage in 6-wire video systems is only possible in connection with item 300090, 300092, 300117 or 300118.**

- Supply of up to 96 indoor stations and a maximum of 8 door stations
- Supply of up to 30 name plate illuminations
- Supply of door openers with 12 VAC with a maximum of 1 A
- Nominal input voltage: 207 to 253 VAC/50-60 Hz
- Working temperature: -5 °C to +45 °C
- Protection type IP20



### Video compact power supply with amplifier

Item No.	Designation	Dimensions (BxHxT)
300117	Video compact power supply with amplifier	105 x 90 x 71 mm without terminals (6DU)

The Video compact power supply with amplifier has the same features as the Video compact power supply 300090. Apart from that it makes it possible to realize distances of up to 350 m between door station and distribution without any further components such as additional transmitters, receivers or a symmetry amplifier.

**Usage is only possible in connection with item 300089.**

- Supply of up to 96 video indoor stations (without parallel operation) and up to four cameras
- Can be used for up to four risers without any additional components
- Suitable for connecting a line extension
- The Video power supply with amplifier allows for distances from the distribution to the door station furthest away from it of up to 350 m.
- Nominal input voltage: 207 to 253 VAC/50 Hz
- Working temperature: -5 °C to +45 °C
- Protection type: IP20



### Video compact power supply

Item No.	Designation	Dimensions (BxHxT)
300090	Video compact power supply	105 x 90 x 71 mm without terminals (6DU)

The Video compact power supply is used to supply up to 96 indoor stations (without parallel connection) and a maximum of 4 camera modules. When several indoor stations are operated in parallel (i. e. they ring at the same time) the maximum number of indoor stations is reduced. The integrated active distributor distributes the video signal to a maximum of 4 risers. If there are more than 4 risers further external active distributors can be used.

**Usage is only possible in connection with item 300089.**

- Supply of up to 96 video indoor stations (without parallel operation) and up to four cameras
- Can be used for up to four risers without any additional components
- Suitable for connecting a line extension
- The Video compact power supply is short-circuit-proof and protected against overload
- Nominal input voltage: 207 to 253 VAC/50 Hz
- Working temperature: -5 °C to +45 °C
- Protection type: IP20



### Solo compact power supply

Item No.	Designation	Dimensions (BxHxT)
300119	Solo compact power supply	105 x 90 x 71 mm without terminals (6DU)

In SKS IP systems the Solo compact power supply serves to supply an SKS BUS segment with up to 36 video indoor stations (without parallel operation, door opener and name plate illumination is not supplied).

When used with up to two analogue door stations the Solo compact power supply can supply up to 24 video indoor stations (without parallel operation) as well as name plate illuminations and door opener.

- If indoor stations are operated in parallel the maximum number of indoor stations in the system is reduced.
- Can be used for up to 2 risers without any additional components
- The Solo compact power supply is short-circuit-proof and protected against overload.
- Nominal input voltage: 207 to 253 VAC/50 Hz
- Working temperature: -5 °C to +45 °C
- Protection type: IP20



### Floor compact power supply

Item No.	Designation	Dimensions (BxHxT)
<b>300091</b>	Floor compact power supply	105 x 90 x 71 mm without terminals (6DU)

The Floor compact power supply offers the possibility to establish floor lines. A floor line consists of at least one floor door station and the respective indoor stations. Using the Floor compact power supply it is possible to make a call from a floor door station to an indoor station on the same floor. At the same time it is possible to talk on the main line i. e. from a door station to an indoor station which is not on the very floor line (multiple call routes).

**Usage in video systems is only possible in connection with item 300092.**

- Supply of up to 96 indoor stations and a maximum of 8 door stations
- Supply of up to 30 name plate illuminations
- Supply of door openers with 12 VAC with max. 1 A
- Nominal input voltage: 207 to 253 VAC/50-60 Hz
- Working temperature: -5 °C to +45 °C
- Protection type IP20



### Extended video compact power supply with amplifier

Item No.	Designation	Dimensions (BxHxT)
<b>300118</b>	Extended video compact power supply with amplifier	105 x 90 x 71 mm without terminals (6DU)

The Extended video compact power supply with amplifier has the same features as the Extended video compact power supply 300092. Apart from that it allows for realizing distances of up to 350 m between door station and distribution without any further components such as additional transmitters, receivers or a symmetry amplifier.

**Usage is only possible in connection with item 300089 or 300091.**

- Supply of up to 96 video indoor stations (without parallel operation) and up to 8 cameras
- Suitable for connecting a line extension
- The Extended video power supply with amplifier allows for distances from the distribution to the door station furthest away from it of up to 350 m
- Nominal input voltage: 207 to 253 VAC/50 Hz
- Working temperature: -5 °C to +45 °C
- Protection type: IP20



### Extended video compact power supply

Item No.	Designation	Dimensions (BxHxT)
<b>300092</b>	Extended video compact power supply	105 x 90 x 71 mm without terminals (6DU)

The Extended video compact power supply is used to supply up to 96 indoor stations (without parallel operation) and a maximum of 8 camera modules. When several indoor stations are operated in parallel (i. e. they ring at the same time) the maximum number of indoor stations is reduced. Up to 2 external active distributors can be connected and supplied by the Extended video compact power supply. The Extended video compact power supply and the Floor compact power supply are used together where floor door stations are installed in a system with video door stations.

**Usage is only possible in connection with item 300089 or 300091.**

- Supply of up to 96 video indoor stations (without parallel operation) and up to 8 cameras
- Can be used to establish floor lines
- Suitable for connecting a line extension
- Nominal input voltage: 207 to 253 VAC/50-60 Hz
- Working temperature: -5 °C to +45 °C
- Protection type: IP20



### Video active distributor

Item No.	Designation	Dimensions (BxHxT)
<b>300040</b>	Video active distributor	105 x 91 x 70 mm (6DU)

The Video active distributor splits the video signal into up to four risers. Here input and output are built symmetrically. Each riser or rather output must be ended with a 75 Ohm terminating resistor. It is possible to use several Video active distributors in one system (i. e. if there are 8 risers). If there are more than 2 Video active distributors per BUS line, they must be supplied by a Switching power supply 12 VDC 300071.

- Symmetrical video transmission
- Used to distribute the video signal into up to 4 risers
- Several active distributors can be used together
- Working temperature: -10 °C to +55 °C
- Protection type IP20



### Status module

Item No.	Designation	Dimensions (BxHxT)
300086	Status module	100 x 64 x 30 mm

The DIN 18040 „Barrier-free construction“ demands, that intercom systems and door openers must be equipped with visual signals for the hearing-impaired. The SKS Status module, which can be added to all SKS BUS systems, fulfils these legal requirements in full.

Apart from that the Status module has a TFT display, protected by acrylic glass. The different status are shown visually in images and texts.

- Display of „Ruf gesendet (Call initiated)“, „Bitte sprechen (Please speak)“, „Tür offen (Door open)“ and „Ruf beendet (call terminated)“ in words and images
- According to DIN 18040 „Barrier-free construction“
- Size of display 8.9 cm (3.5")
- Display resolution 320 x 240 Pixel
- Display luminance 500 cd/m<sup>2</sup>
- Working temperature -25°C to +75°C



### Line extension

Item No.	Designation	Dimensions (BxHxT)
300020	Line extension	138 x 90 x 37 mm (8DU)

Using the Line extension In combination with the COMFORT door station up to 8 main lines may be built. Here it is possible to talk in all main lines at the same time. Thus it is not only possible to construct large units with a Line extension, but in combination with 8 door stations it also allows for speaking in 8 lines simultaneously. The Line extension is necessary for units with more than 48 indoor stations or if speaking in more than one line at the same time is required.

- Extensions to up to 8 BUS lines in combination with a COMFORT door station
- For 6-wire video: 8 BUS lines with 48 indoor stations all in all
- For 2-wire audio: 8 BUS lines with 96 indoor stations all in all
- When several BUS lines and more than one COMFORT door station is used talking in various lines at the same time is possible
- Supplied by a Switching power supply 300054
- Working temperature: -10 °C to +55 °C
- Protection type IP20

### TK-Adapter V2



Item No.	Designation	Dimensions (BxHxT)
300113	TK-Adapter V2	105 x 90 x 71 mm without terminals (6DU)

The TK Adapter V2 functions as a connection between the SKS BUS and a telephone system. Here it is possible to connect up to 15 bell buttons to a telephone system. All telephones communicating with the TK Adapter V2 need to be suitable for DTMF. The TK Adapter V2 needs an analogue port at the telephone system.

- Forwarding calls after a certain time span, time adjustable
- For each attendee 2 call numbers of up to 24 characters (also special characters) can be configured
- Redirecting calls during a configurable time span
- Busy signal
- Dialling without waiting
- Can be configured with your personal computer and (limited) via telephone
- Is needed once per telephone system
- USB cable enclosed
- Working temperature from: -5 °C to +45 °C
- Protection type IP20

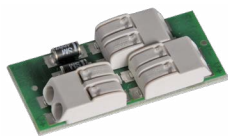


### Video passive distributor

Item No.	Designation	Dimensions (BxHxT)
300042	Video passive distributor	50 x 42 x 15 mm

The Video passive distributor is used in full star wiring. It distributes the video signal to up to 4 stubs. Outputs and inputs are built symmetrically. The maximum length of wire between door station and the indoor station furthest away is 75 m. It is possible to use several Video passive distributors in one system (i. e. for 8 risers in a star). Parallel operation (several indoor stations ringing at the same time) is not possible with the Video passive distributor.

- Installed into flush-mounted box
- 4 outputs for risers
- Several video passive distributors can be used together
- Symmetrical transmission of video image
- Working temperature: -10 °C to +55 °C
- Protection type IP20



### Video passive distributor

Item No.	Designation	Dimensions (BxHxT)
300049	Video passive distributor	16 x 35 x 7 mm

The Video passive distributor is used for a stub in a riser without affecting the video signal in the system in a negative way. Output and input are built symmetrically. Several indoor stations can be connected to the output of the Video passive distributor, if the wire length between the first and last indoor station does not exceed 10 m. Parallel operation (several indoor stations ringing at the same time) is not possible with the Video passive distributor. Due to its small measurements it can be built into a flush-mounted box behind the floor bell without any problems. It is possible to install several Video passive distributors in a system.

- Used for stubs in a riser
- Installed into flush-mounted box
- 1 output for 1 stub
- Several video passive distributors can be used together
- Symmetrical transmission of video image
- Working temperature: -10 °C to +55 °C
- Protection type IP20



### BUS driver for up to 48 indoor stations (residential units)

Item No.	Designation	Dimensions (BxHxT)
300011	BUS driver for up to 48 indoor stations (residential units)	70 x 91 x 70 mm (4 DU)

The BUS driver is the central supply unit for the SKS BUS system. Up to 48 indoor stations (without parallel operation) and a maximum of 8 door stations can be connected. It is supplied by the transformer 300035. A green LED shows whether the BUS voltage is within the permitted range. The whole wiring network must not exceed a length of 1,5 km.

- BUS voltage: 19 to 23 VDC
- Supply via transformer 300035 (see page 29)
- For more than 12 name plate illuminations a transformer 300033 is needed
- For a BUS line with 48 indoor stations (flats)
- Working temperature: -10 °C to +55 °C
- Protection type IP20



### Video passive distributor

Item No.	Designation	Dimensions (BxHxT)
300043	Video passive distributor	50 x 42 x 15 mm (3TE)

The Video passive distributor bundles the video signals of up to 4 cameras (PAL video sources). Thus it is possible to build systems with more than one door station. The outputs and inputs are built symmetrically. It is possible to install several Video passive distributors in a system (i.e. if there are 8 cameras).

- The Passive distributor bundles the video signals of up to four cameras (PAL video sources)
- Up to two Passive distributors may be installed in one SKS BUS system
- Outputs and inputs are built symmetrically
- 4 inputs, 1 output
- Working temperature: -10 °C to +55 °C
- Protection type IP20



### Transformer 13 VAC/25 VAC

Item No.	Designation	Dimensions (BxHxT)
300035	Transformer 13 VAC/25 VAC	90 x 90 x 65 mm (5DU)

The Transformer was built for audio systems. The 25 VAC winding supplies the BUS driver. The 1 VAC winding supplies the door opener and up to 12 name plate illuminations. For more than 12 name plate illuminations a Transformer 300033 is needed.

- Nominal input voltage: 230 VAC
- Nominal output voltage 1: 13 VAC
- Nominal output current 1: 0.5 A
- Nominal output voltage 2: 25 VAC
- Nominal output current 2: 0.8 A
- Working temperature: -5°C to +45°C
- Protection type IP20

## IP-Gateway II Family & Business

The IP gateway II connects your SKS 6-wire BUS system with IP-based communication. Connecting mobile devices potentially offers to communicate worldwide via your intercom.



The IP Gateway II provides the connection to various compatible mobile devices such as smartphones, tablets, computers or video IP telephones. To be able to use the functionality each mobile device needs a corresponding paid and term-based license. License costs on request.

- Interface between SKS 6-wire BUS and IP networks
- Optical and acoustical transmission of door calls, floor calls and internal calls to one or more mobile devices vislocalnetworks or the internet - not as a replacement bus as an addition to SKS indoor stations
- Transmission of call, audio, video and control signals from the door station to local IP users or via the internet to mobile terminal devices
- Parallel transmission of a door call to up to 10 mobile devices
- Usage of IP devices (smartphone, tablet) as additional indoor stations. The SKS App is a mobile addition to an intercom system, but does not replace an indoor station, therefore SKS recommend to use both the app and a wire-bound indoor station
- Mobile usage with the SKS App\* (available for iOS and Android)
- Direct camera activation
- Control functions (e. g. for opening door and switching on lights)
- Nominal input voltage: 24 VDC
- Nominal input current: max. 300 mA
- Working temperature: 0 °C to +45 °C
- Protection type IP20
- The IP gateway II is supplied via switching power supply (item 300085)
- Using the mobile door communication (transmission of image and speech) may be limited or prohibited by the respective mobile network operator
- The connecting quality concerning the transmission of image and speech may vary with the locally specific quality of the radio net (both mobile radio and WLAN)

	Family	Business
Worldwide door communication	✓	✓
App for mobile devices	✓	✓
PC app (Windows 10)	✓	✓
Remote maintenance	—	✓
Number of BUS addresses	3	96
Remote Backup	—	✓
Parallel mobile devices per call	5	10

\*Each call destination can consist of one or more fixed BUS addresses.



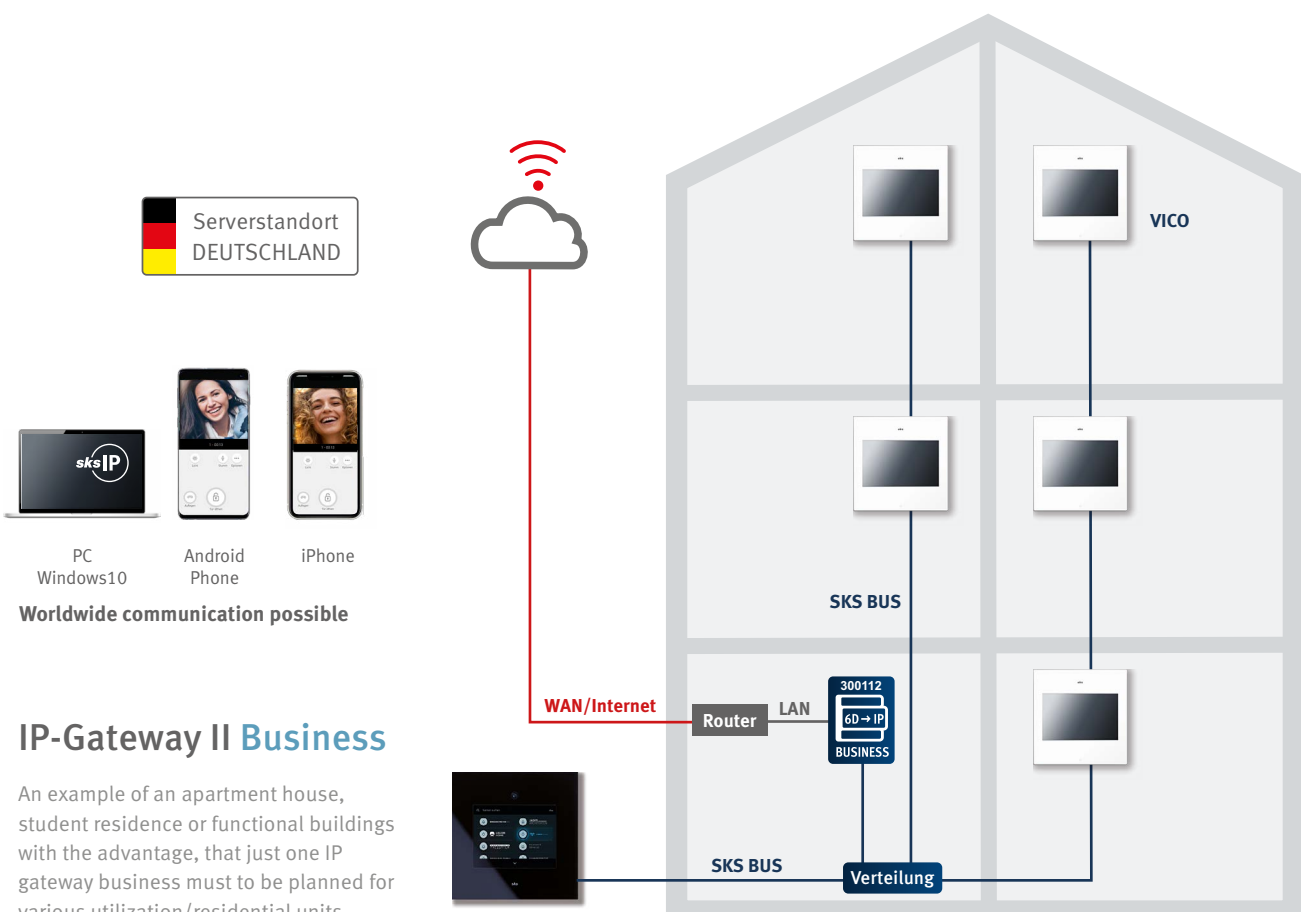
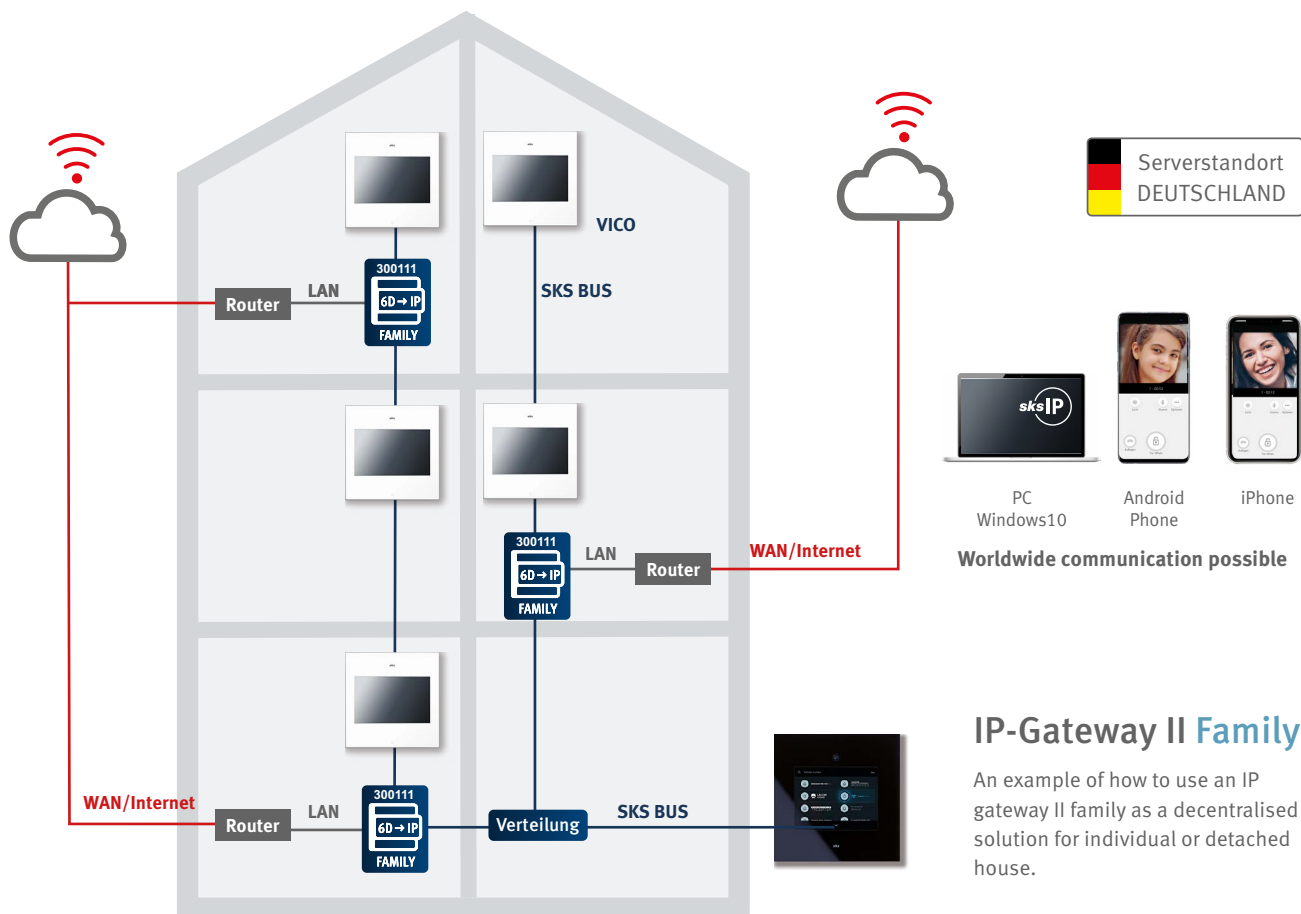
To be able to use the IP gateway SKS provides various software solutions for smartphones, tablets and personal computers.

\* The actual app compatibility may vary with different end devices. For this reason, the SKS app provides a demo mode, free of charge, to evaluate the compatibility before purchase.

Item No	Description	Dimensions: (BxHxT)
300111	IP-Gateway II Family	105 x 90 x 71 mm

Item No	Description	Dimensions: (BxHxT)
300112	IP-Gateway II Business	105 x 90 x 71 mm





## COMFORT door station multitouch with intuitive 5.7“ touch display

Multifunctionality in its most beautiful form – audio/video door station, access control and information system at once. The COMFORT series excels especially with its easy operation via a multi touch color display and thus is attractive to all age groups – in residential areas and student residences, office buildings, joint practices or underground car park accesses.

High-quality surface of safety glass +

Large 14.5 cm (5.7“) TFT color display (640 x 480 pixels) +

Easy and intuitive operation +



+ With color camera

+ Images & text can be customized (also in color)

+ Operation via multitouch display



Dimensions: (BxHxT):  
Glass dimensions: 195 x 195 x 4 mm  
Installation dimensions: 184 x 184 x 65 mm  
In-wall dimensions: 179 x 179 x 65 mm

Color: black

Installation (optional)  
Dimensions: (BxHxT):  
Panel dimensions: 275 x 412 x 3 mm  
Housing dimensions: 255 x 392 x 60 mm

Stainless steel front panel with flush-mounted box





**For flush-mounting and optimal protection against vandalism.** We recommend to install the COMFORT in a screwless housing, consisting of a stainless steel front panel and an in-wall housing.

- 6-wire video/audio technology
- Compatible with all SKS BUS audio and video indoor stations
- 14.5 cm (5.7", 640 x 480 pixels) sized multitouch display
- Easy and intuitive operation
- More or less barrier-free
- Configuration at the device or via web interface
- Bell button as text or vector image (jpg, png or svg)
- Code lock function with random number display
- Various levels possible e. g. for different departments or floors

- Protected against vandalism by safety glass
- Two types of installation: stand alone in-wall or cavity wall, here the COMFORT multitouch protrudes just 8 mm over the wall, alternatively it can be installed flush-mounted in an in-wall housing with stainless steel front panel, a stele or post box system

#### 6-wire

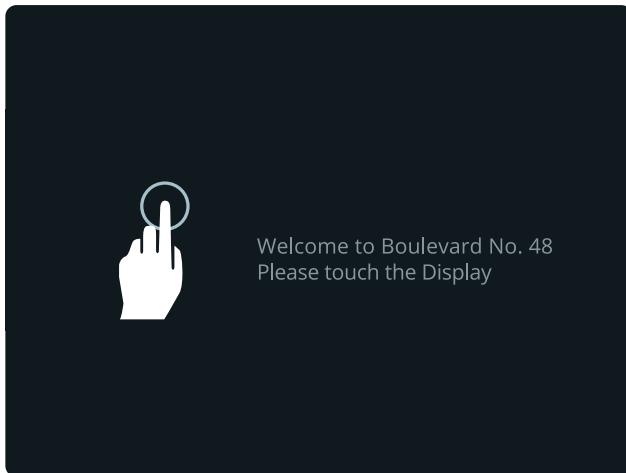
Item no.	Description	Color
60001110	COMFORT door station multitouch, 6-wire	black
60004410	COMFORT door station multitouch ML, 6-wire*	black

\* Zum Einbau in Artikel 600057 oder individuell seitens SKS angefertigten Türstationen

#### In-wall housing for screwless installation (optional)

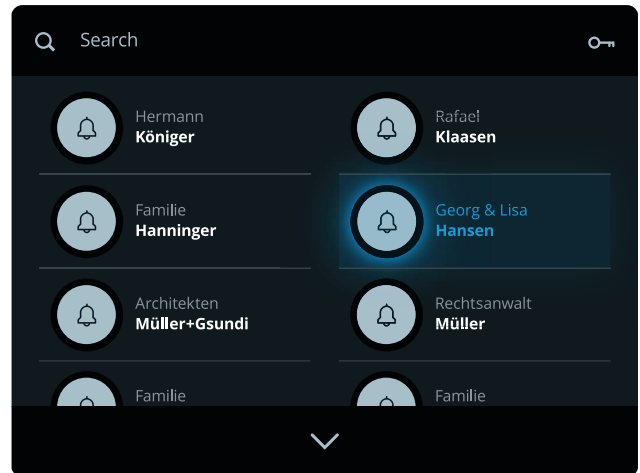
Item no.	Description
600057	In-wall housing for screwless installation

# COMFORT door station multitouch 5,7“ — Functional overview



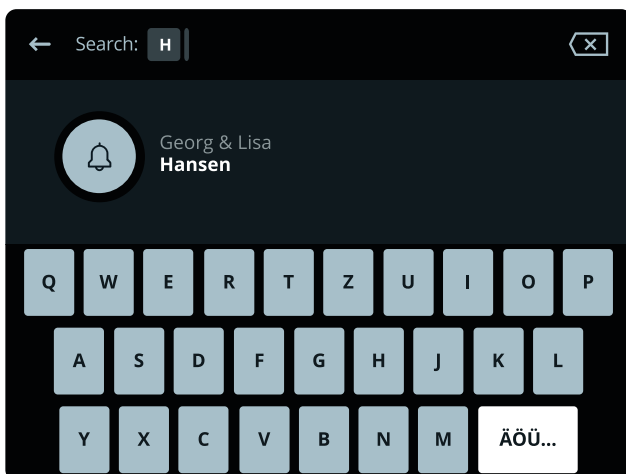
## Welcome screen

If a person approaches the door station, the color display is switched on automatically.



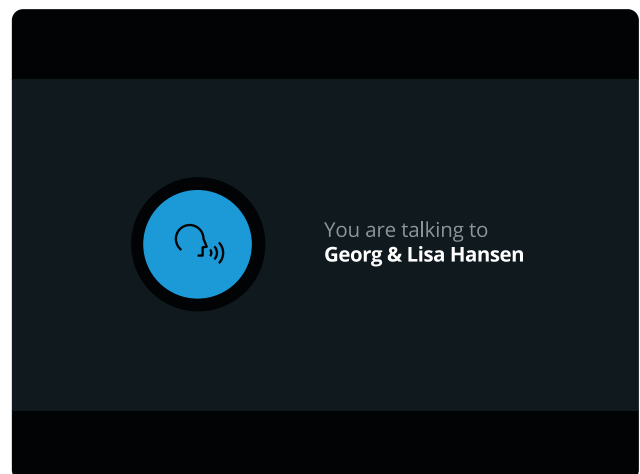
## Finding names

Names can be searched by wiping or scrolling. By simply touching the name you choose it and activate the door bell. The visitor gets an optical feedback on the actual function.



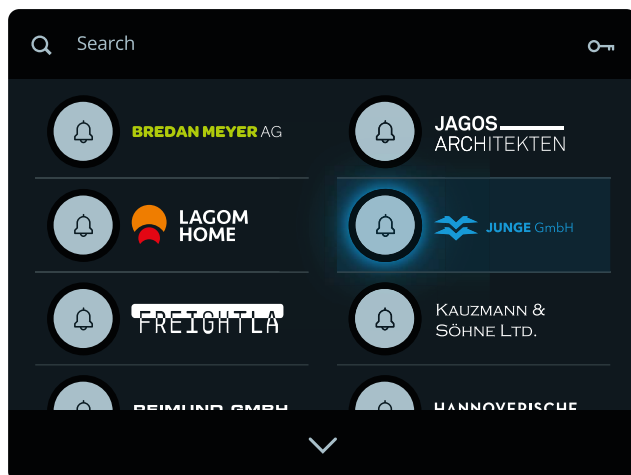
## Comfortable search function

For larger residential estates or office buildings names can be found easily and safely via the search function with a virtual key pad.



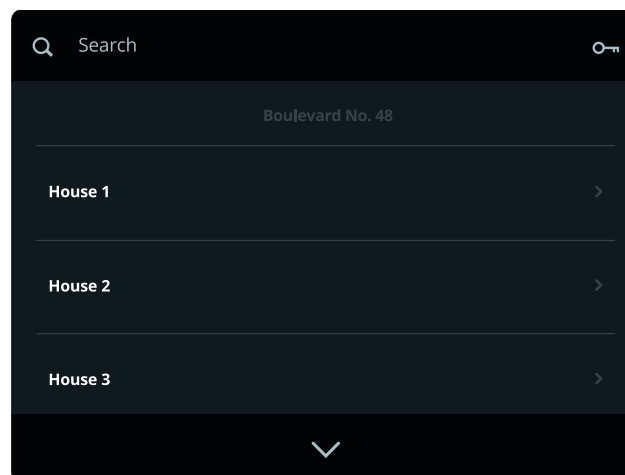
## Functions displayed

The hearing-impaired get symbolic and textual status information on screen: After ringing „Ruf gesendet“ (Call has been sent) appears on the display. When the call is answered „Sie sprechen mit...“ (You are talking to) is displayed and when the door opener is activated it says „Die Tür wurde geöffnet“ (The door has been opened).



### Customized display with company logo

The COMFORT door station may also be used as an information system as the user interface offers freely customizable blocks. Images or additional text may be displayed for each resident, e. g. company logos, departments or floors in which residents can be found.



### Well-structured name search using groups

At a central door the residents of each house can be assigned to a group (e. g. houses 1 to 3 in a residential estate).

### Virtual code lock – maximum security

Using the virtual code lock function the COMFORT door station may also function as a door opener. Thanks to the randomly displayed number pad with digits 0 ... 9 – for every use the numbers are displayed in a different order – a maximum security against being spied on is guaranteed.







Our COMFORT door stations can be installed in the wall with or without an installation in-wall housing.



The illustration shows a flush-mounted COMFORT 5.7" with an in-wall housing.

## Steles and post box systems with flush-mounted COMFORT door station multitouch

We like to work out ideas together with you concerning features, dimensions and surfaces of your steles or post box system – be inspired by the flexible manufacture of your unique product.



All Informations can also be find in our COMFORT video  
[www.sks-kinkel.de/comfort-tuerstation](http://www.sks-kinkel.de/comfort-tuerstation)







Dimensions (BxHxT):  
Glass dimensions: 184 x 267 mm  
Panel dimensions: 300 x 551 x 3 mm  
Housing dimensions: 280 x 531 x 70 mm  
Color: black

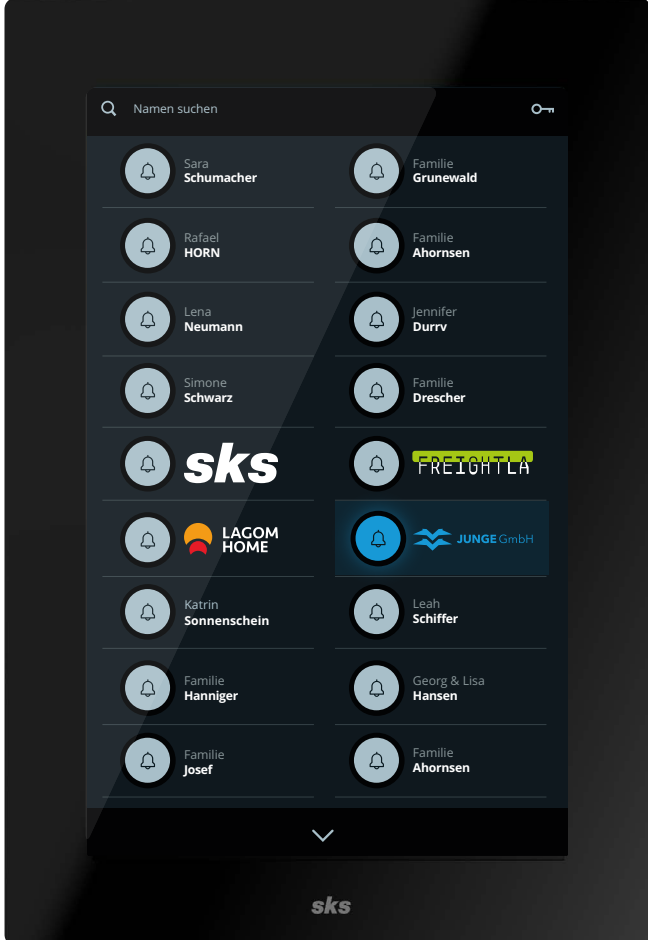
## SKS COMFORT door station multitouch with intuitive 10.1“ touch display

Multifunctionality and creative freedom in noble looks: The COMFORT combines the functionality of audio/video indoor station, access control and information system.

High-quality surface made of security glass +

Large 25.65 cm (10.1“) TFT color display +

Easy and intuitive operation +



+ Front panel with integrated color camera

+ Images & text customizable (also in color)

+ Operation via multitouch display

+ Available color: black

For flush installation in flush-mounted box with screwless stainless steel front panel (show left)

A high-resolution 25.65 cm (10.1“) color display guarantees an easy, intuitive operation as smartphone and tablet users are used to. The self-explanatory graphic presentation is accompanied by a visual feedback. These and other features make the COMFORT 10.1“ an attractive product for each age group.

The matching **housing** consists of a screwless stainless steel front panel and an in-wall housing.

- 6-wire video/audio technology
- Compatible with all SKS BUS audio and video indoor stations
- 25.65 cm (10.1“) sized multitouch display
- Easy and intuitive operation
- Comfortable search function
- Configuration at the device or via web interface
- Bell button as text or vector image (jpg, png or svg)
- Code lock function with random number display
- For the installation of the COMFORT door station multitouch 10.1“ a housing is needed
- Installed flush-mounted in an in-wall housing with stainless steel front panel, a stele or post box system

### 6-wire

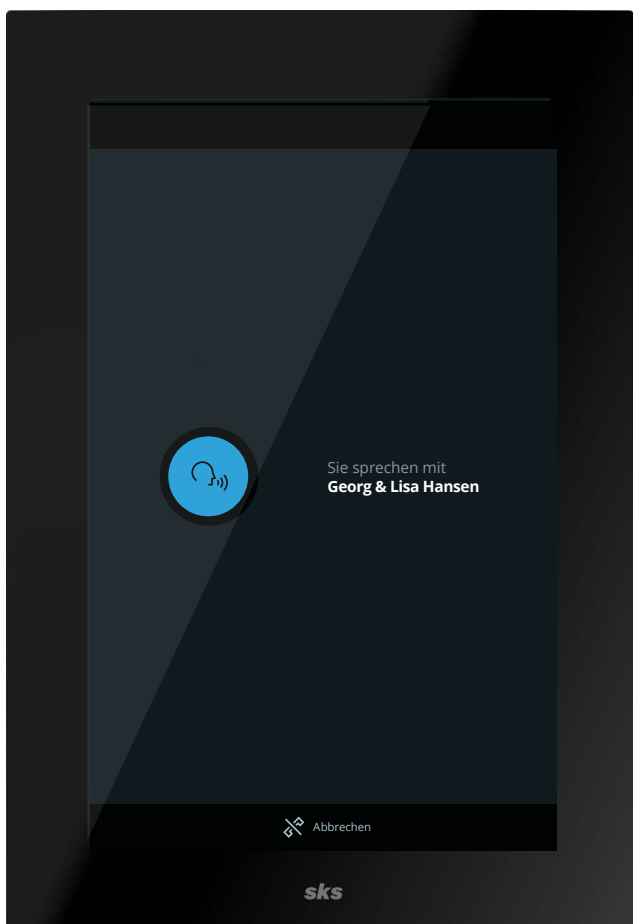
Item No.	Description	Color
600053	COMFORT Display Multitouch, 10,1“, ML	black

### In-wall housing for screwless installation

Item No.	Description
600058	In-wall housing for screwless installation

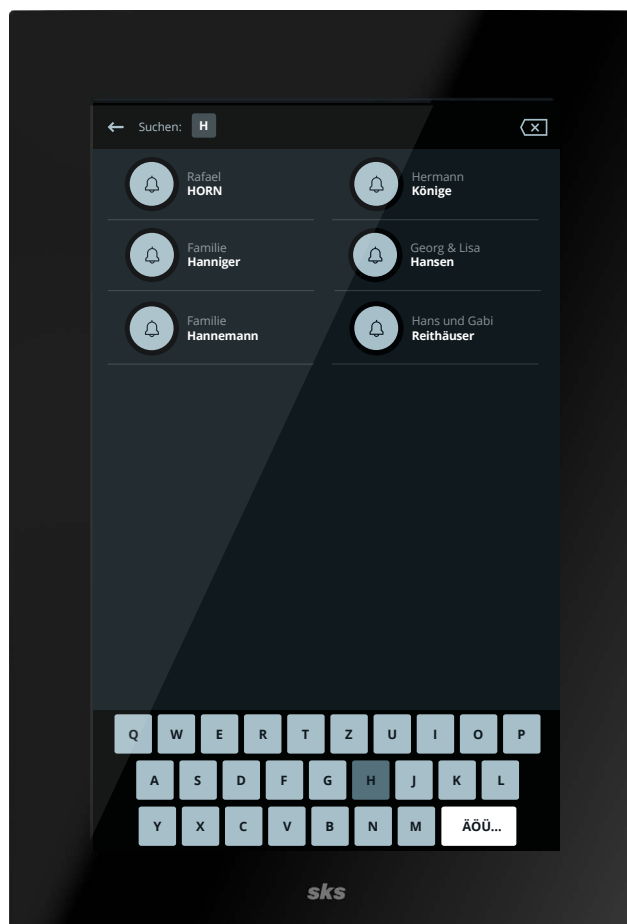
## COMFORT door station multitouch 10.1“ — Functional overview

It goes without saying that the COMFORT door station multitouch 10.1“ has all functions the COMFORT door station multitouch 5.7“ has – a complete overview on all functions can be found on pages 34 to 35 in this catalogue.



### Functions displayed – barrier-free following DIN 18040

The hearing-impaired get symbolic and textual status information on screen: After ringing „Ruf gesendet“ (Call has been sent) appears on the display. When the call is answered „Sie sprechen mit...“ (You are talking to) is displayed and when the door opener is activated it says „Die Tür wurde geöffnet“ (The door has been opened).



### Comfortable search function

For larger residential estates or office buildings names can be found easily and safely via the search function with a virtual key pad.





COMFORT Türstation  
Multitouch

## An ideal combination

For outdoors SKS manufactures door stations, steles and post box systems individually according to the customer's wishes. These systems are available in a large variety of materials and with short lead times.

Please do contact us at any time for further information. On site we support you with our SKS experts, we gladly provide you with the address and phone number.

All Informations can also be find in our  
COMFORT video  
[www.sks-kinkel.de/comfort-tuerstation](http://www.sks-kinkel.de/comfort-tuerstation)



## SKS IP-Technology

Integrate proven SKS technology into modern SKS IP technology and let the potential of the SKS IP world convince. With your technology you secure the future of your property. The SKS IP product portfolio offers you almost unlimited possibilities in building communication. The system adapts to your circumstances. Whether residential park, high-rise building or functional building, the SKS IP world offers you countless application options for cross-object building communication with a large range based. The integration of an parcel locker system into the building communication system based on SKS IP technology an rounds package off. All components are optimally matched to each other.



Skalierbar



Sicher



Zentral



Zukunftssicher



Brillant



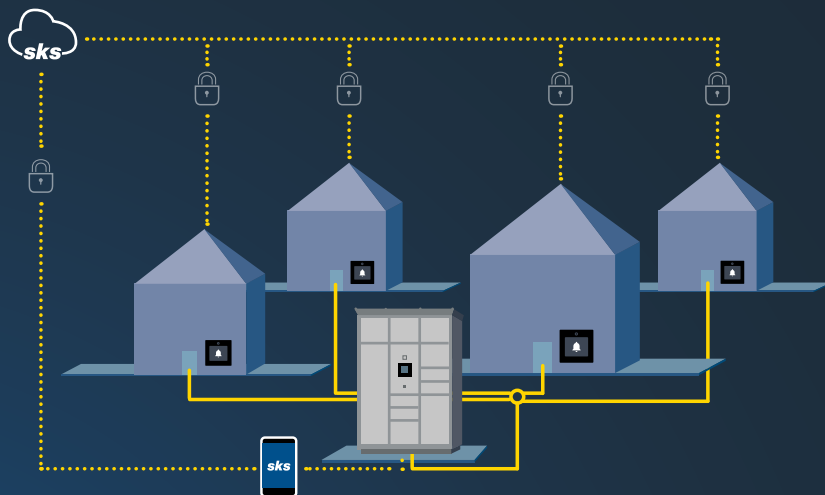
Verbindend

**mysks**

my sks products can all be set up, configured and maintained intuitively via the my sks customer portal.

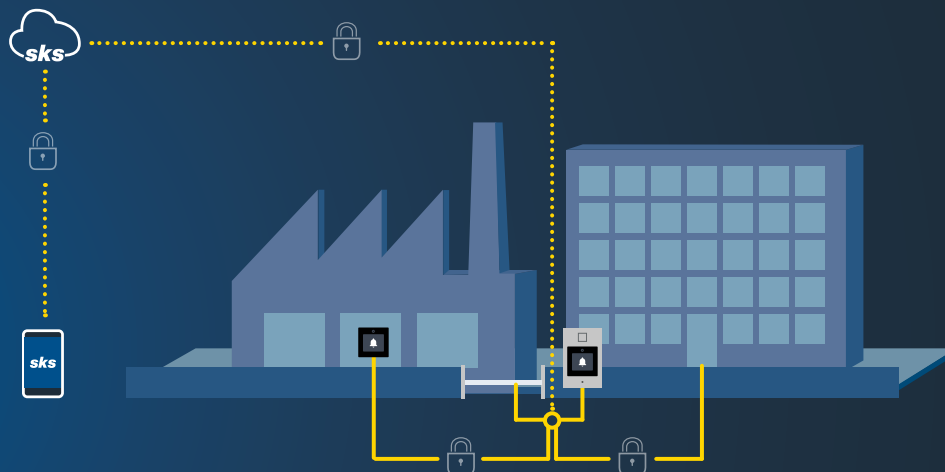
SKS IP products are made to be operated in IP networks and are audited for their compatibility with the SKS IP distribution components (300114, 300115).





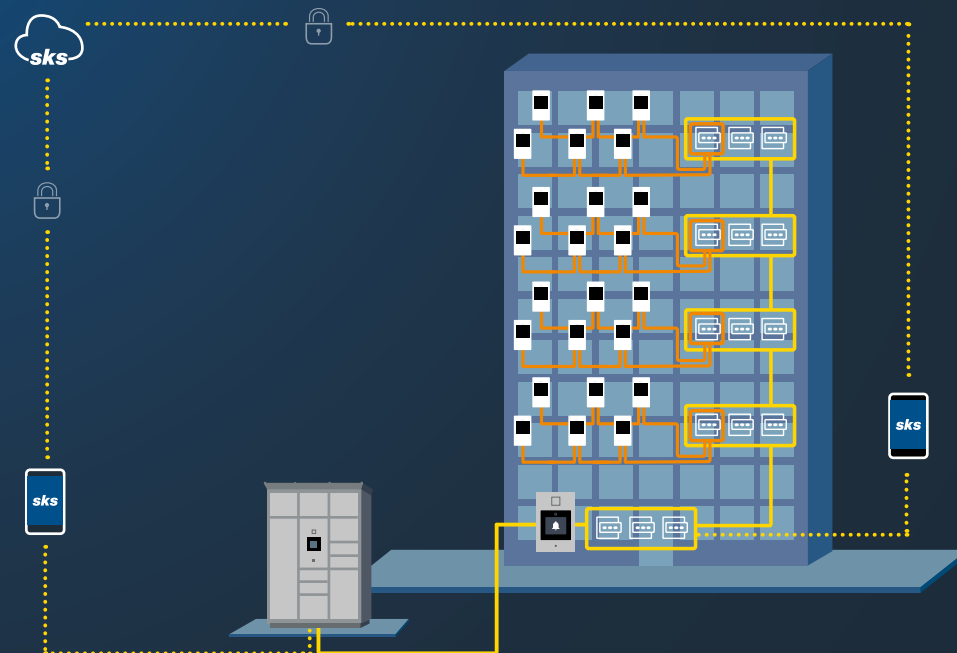
Application example  
residential park

The size of the residential complex and the number of individually connected door stations can be scaled as required



Application example  
commercial system

In the functional building or in underground car parks can also be controlled via reception, additional indoor stations or the my sks app

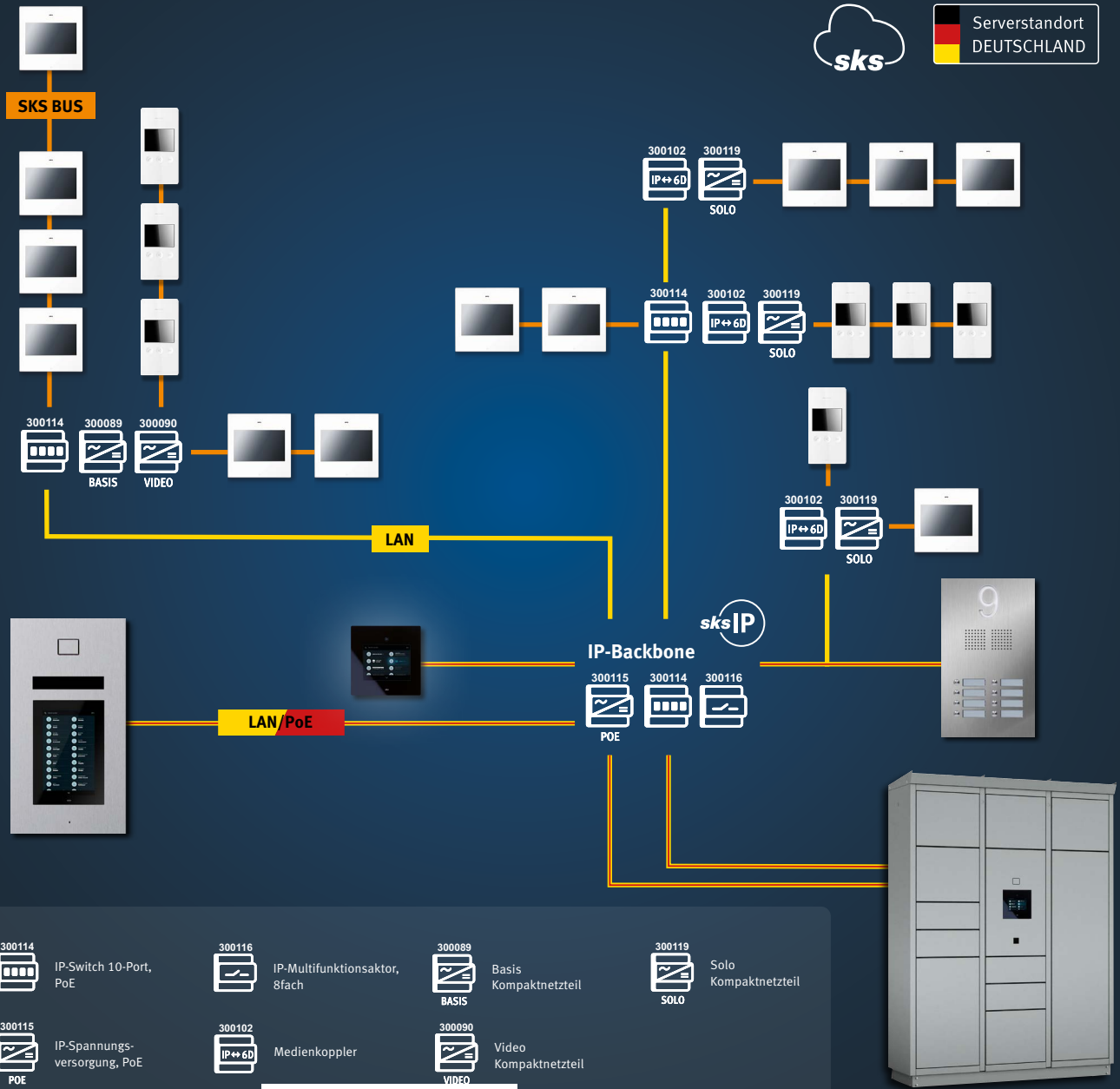
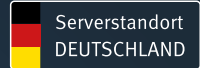


Application example large  
residential building

An almost unlimited number of residential units can be connected to a system using indoor stations and the my sks app

Further information about the IP-World below  
unter [www.sks-kinkel.de/ip](http://www.sks-kinkel.de/ip)





## media coupler



Item No. Description

Dimensions (BxHxT)

300102 media coupler

105 x 90 x 71 mm without terminals (6 DU)

The Media coupler is used to connect the SKS IP network to SKS BUS systems. Thus it is possible to join various BUS segments into one complete system or to connect SKS IP systems to 6-wire indoor stations. The digital video input signals are made available to all SKS 6-wire users, sound and control signals are converted bi-directionally. Hence it is possible to realize extensive systems with respect to user numbers and wire lengths.

Per 6-wire segment a Media coupler is needed as well as, depending on the respective number of indoor stations, a Solo compact power supply 300119 (for smaller BUS segments) or a Basic compact power supply 300089 in combination with a Video compact power supply 300090 (for up to 96 indoor stations).

- Controlling of up to 96 BUS addresses within the 6-wire BUS
- Providing a central image memory (requires compatible video indoor stations or app)
- More than 8 door stations in a system
- Nominal input voltage: 24 VDC
- Nominal input current: max. 400 mA
- Working temperature : 0° C to +45° C
- Protection type IP20

### Combined camera/speech module IP for SKS door stations



Item No.	Description	Dimensions (BxHxT)
300123	Combined camera/speech module IP for SKS door stations	102 x 130 x 45 mm

For the installation into SKS video door stations with up to 48 bell buttons to connect it to an SKS IP system. The Combined camera speech module additionally contains loudspeaker and microphone for voice communication.

- Image and sound transmission via wired Ethernet
- Full duplex voice transmission
- Resolution: 1280 H x 800 V
- Wide-angle lens
- Effective illumination at night with 6 infrared LEDs
- Recommended installation height: 1,45 m to 1,65 m (centre of the camera lens)
- Working temperature: -20 °C to +50 °C
- Humidity: 20 % to 90 %, non-condensing
- Avoid direct backlight
- Direct connection to the building's CAT 7 cable
- Power supply: PoE+ (802.3at-2009)
- Mounting accessories included
- Measurements: 102 x 130 x 45 mm

### IP power supply PoE



Item No.	Description	Dimensions (BxHxT)
300115	IP power supply PoE	108 x 90 x 64 mm incl. terminals (6 DU))

Using the IP Voltage supply PoE 300115 in combination with the IP Switch 10-port PoE 300114 it is possible to operate COMFORT IP door stations and/or other PoE(+)-capable devices. It can be used for both, applications with PoE (48 V) and PoE+ (52 V).

- Allows for operating COMFORT IP door stations
- Automatic short/overload protection
- Power output: 80 W
- Nominal input voltage: 100 to 240 VAC/50 to 60 Hz
- Working temperature : -20 °C to +45 °C
- Protection type IP20

### IP-Switch 10-Port PoE



Item No.	Description	Dimensions (BxHxT)
300114	IP-Switch 10-Port PoE	90 x 108 x 67 mm without terminals (8 DU))

The IP-Switch 10-Port PoE 300114 for REG mounting (on DIN rail in the distribution) allows for the networking of up to 10 devices. It is equipped with 4 RJ45 front ports (10/100/1000 Mbit/s) as well as 6 installation ports (10/100/1000 Mbit/s). The PoE supply of the installation ports is done with the external IP Power supply PoE 300115. The supply of the installation ports according to 802.3af (PoE) and 802.3at (PoE+) is possible with an external power supply such as the SKS IP power supply PoE and is necessary to operate the COMFORT IP door station. Cascading the SKS IP switch 10 port PoE allows for assembling complex distributions and network topologies as well as connecting SKS BUS segments or other SKS IP products.

- Built-in power supply, 100 to 240 V/50 to 60 Hz
- Removable plug-in terminal up to 2.5 mm (230 V)
- Separate voltage input for PoE/PoE+ (48 V/52 V voltage supply according to power requirements)
- 6 PoE/PoE+ ports for permanent connection (screw/plug-in terminals, 9 pole)
- LEDs for operating functions
- VLAN support according to IEEE 802.3q
- Multicast capable
- Working temperature : 0 °C to +45 °C
- Protection type IP 20

### IP Multi function actuator, 8-fold



Item No.	Description	Dimensions (BxHxT)
300116	IP Multi function actuator, 8-fold	144 x 90 x 59 mm without antenna (8 DU)

The SKS IP multifunctional actuator 8-fold with its 18 inputs (16 digital and 2 analogue) and all in all 8 outputs is used for various tasks in the overall system: it controls for example door openers, door operators, stair case lights and also monitors temperatures, locking states or light switches. Thus typical tasks of building automation in residential and utilisation units can be controlled, such as operating blinds or lights including querying the corresponding built-in switches.

- Built-in voltage supply 230 V
- 8 switch outputs 16 A/230 V
- Local operation of the potential-free switch outputs (max. 16 A/230 V)
- Status LEDs for switch outputs
- 2 A/D inputs for sensors 0 to 10 V/4 to 20 mA, parametrizable
- 16 digital inputs for potential free contacts
- Network plug RJ45
- Working temperature -5 °C to +45 °C
- Protection type IP20



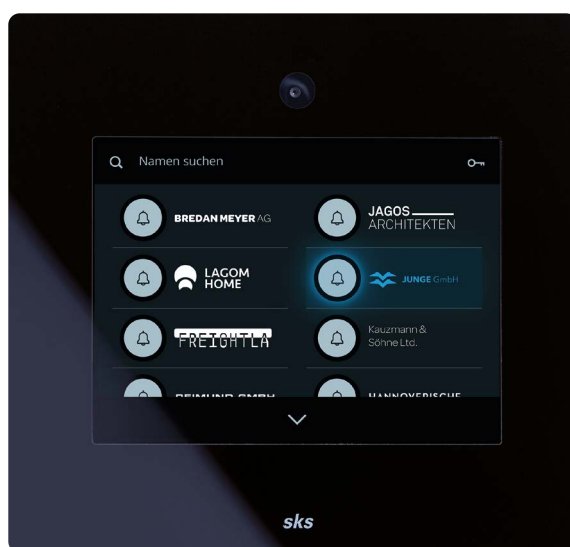
## COMFORT IP Door station 5,7“

The SKS COMFORT IP door station forms a stylish entry into the SKS IP world and thus allows for building extensive systems as to user numbers and wire lengths. An excellent, clear transmission of speech and brilliant image quality go without saying. The SKS IP world does not exclude the reliable SKS BUS technology – on the contrary, several SKS BUS segments can be combined with SKS IP components via the IP backbone and hence offer nearly unlimited possibilities.

High-quality surface  
made of security glass +

Large 14.5 cm (5.7“) TFT  
color display +  
(640 x 480 pixels)

Easy and  
intuitive operation +



+ Front panel with  
built-in  
color camera

+ Images & text  
customizable  
(also in color)

+ Operation via  
touch display

Dimensions (BxHxT):  
Glass dimensions: 195 x 195 x 4 mm  
Panel dimensions: 184 x 184 x 65 mm  
Housing dimensions: 179 x 179 x 65 mm  
Color: black

Built-in housing (optional)  
Dimensions (BxHxT):  
Plate dimensions 275 x 412 x 3 mm  
Housing dimensions: 255 x 392 x 60 mm  
Stainless steel front panel with flush-mounted box



+  
Optional:  
built-in housing for  
flush mounting

Outstanding, clear voice transmission and brilliant image quality are a matter of course. The SKS IP world doesn't exclude the proven SKS BUS technology - on the contrary, SKS BUS segments can be combined with SKS IP components via the IP backbone and this offers almost unlimited possibilities.

- 14.5 cm (5.7“) sized touch display
- Easy and intuitive operation
- More or less barrier-free
- Central configuration via web interface

- All kinds of configurations in a system are stored and managed centrally
- PoE supplied
- Vector graphics (jpg, png oder svg) optionally instead of text
- Code lock function with random number display
- Protected against vandalism by safety glass
- Two possible ways of installing: Stand alone in a flush-mounted box or a door side panel, here the COMFORT Door station protrudes just 8 mm, alternatively flush-mounted installation in a housing with stainless steel front panel, a stile or post box system.

### SKS IP technology

Item No.	Description	Color
600047	COMFORT IP door station, PoE	black
600049	COMFORT IP door station ML, PoE*	black

### In-wall housing (optional)

Item No.	Description
600057	In-wall housing for screwless installation

\* For the installation in item 600057 or individual door stations manufactured by SKS

## COMFORT IP door station 10,1“

Multifunctionality and creative freedom in noble looks: The COMFORT combines the functionality of audio/video indoor station, access control and information system.



A high-resolution 25.65 cm (10.1“) color display guarantees an easy, intuitive operation as smartphone and tablet users are used to. The self-explanatory graphic presentation is accompanied by a visual feedback. These and other features make the COMFORT IP door station 10.1“ an attractive product for each age group.

The matching **housing** consists of a screwless stainless steel front panel and an in-wall housing.

- Central configuration via web interface
- All kinds of configurations in a system are stored and managed
- PoE supplied
- Bell button as text or image (jpg, png oder svg)
- Comfortable search function
- Code lock function with random number display
- Flush-mounted installation in a housing with stainless steel front panel, a steel or post box system

- 25.65 cm (10.1“) sized touch display
- Easy and intuitive operation

### SKS IP technology

Item No.	Description	Color
600052	COMFORT IP display 10.1“, ML	black

### In-wall housing

Item No.	Description
600058	In-wall housing for screwless installation

# SKS Parcel Locker System COMFORTbox

The SKS COMFORTbox with integrated SKS COMFORT IP door station combines modern front door communication and sustainable parcel locker logistics in one digital unit – significantly enhancing the property for both owner and residents alike. To facilitate the greatest possible ease of operation, a clearly structured user-friendly web interface is available for property management staff, while residents can access the system using the intuitive “my sks” app.



- + door communication and parcel locker in one unit
- + Modular construction - System can be put together individually
- + Reception and package collection Around the clock
- + Sustainable production in Germany



with integrated  
SKS COMFORT IP door  
station 5.7"  
See page 46 for details

**COMFORTbox** 

Maße (B x H x T) Beispielanlage  
2493 mm x 2044 mm x 491 mm

Einheit mit 2 Modulen: 980,7 mm  
Einheit mit 3 Modulen: 1471,5 mm  
Module kombinierbar

Parcel box in 4 sizes: S, M, XL, XXL  
combinable

Online orders and delivery services are in greater demand than ever before. The SKS COMFORTbox parcel locker system allows contactless deliveries around the clock by all courier companies and postal services without any restrictions. System design and production have been conceived to meet the highest demands of sustainability on the parcel box system. Short regional supply chains, recyclable materials, resource-conserving manufacturing processes and a product design based on durability and upgradeability all contribute to an excellent CO<sub>2</sub> balance. You will be more than impressed by our flexible and individual solution for your parcel locker.

The SKS COMFORTbox offers you the added value of allowing the intuitive operation of door communication and parcel locker logistics using just one control panel – the SKS COMFORT IP door station. Where required, additional front door stations, e.g. for underground car park access or side entrances, can be integrated quickly and easily.

This not only simplifies parcel pick-ups but also merges all front door communication into one single digital unit, with SKS as the exclusive service partner for door communication and parcel locker systems in one.

The SKS COMFORTbox is a modular system that allows you to configure an individual locker system using different modules (at least two) according to your own wishes and requirements and in keeping with the style of the property.

Parcel locker sizes S, M and XL comply with the German DIN-SPEC-16577 standard. An XXL locker is also available for particularly bulky goods or for use as a clothes locker. All lockers comply, therefore, with the conventional dimensions and requirements of the various parcel service providers.





Door station and parcel locker  
in one digital unit  
Secure delivery with PIN

Different module sizes can be  
individually combined and  
expanded



**my sks Portal** – a portal for setting up and  
managing the door communication and  
parcel locker system

**my sks App** – Mobile door communication  
and parcel locker operation in one app

- Door communication and parcel locker in one
- With integrated COMFORT IP door station
- Suitable for indoor and outdoor use
- Delivery authorisation for all courier companies and postal services
- The “my sks” portal for setting up and managing the system
- The “my sks” app for mobile door communication and parcel locker operation
- Secure parcel reception in the absence of the recipient
- Recipient can pick up delivered items around the clock
- Made of galvanised steel
- Powder-coated surfaces in RAL or DB colours
- Anti-slip bubble floor inside the lockers allows parcels to be easily gripped and acts as an additional protection against moisture
- With illuminated child safety lock in the Size XL and XXL lockers
- Emergency release function in all lockers
- Configuration of barrier-reduced lockers possible
- No 230-volt connection required
- Locker reservations possible
- Insurance cover per locker within Germany of up to €700 (for non-commercial use: each parcel locker is insured against fire, burglary, mains water and storm)
- Sabotage surveillance

Product videos and contact below  
[www.sks-kinkel.de/comfortbox](http://www.sks-kinkel.de/comfortbox)



### COMFORTbox – Advantages for property developers and investors



Investment in a future proof property (increases in value)



Door communication and parcel lockers form a single source



Modular concept scalable with the requirements of the property



Increasing the residents satisfaction



Your central online portal for planning and administration



Contribution to improve your environment footprint

### COMFORTbox – Vorteile für Nutzer



Receiving parcels 24/7 even whilst you



No more unnecessary rides to the parcel shop



Accessible by all logistics, service providers, deliverers and suppliers



Contactless traffic of goods



Safe delivery with a PIN code



One App for both, parcel box and door communication



Up to 100 Kg per Delivery/Package



Package size up to 1400 x 405 x 365 mm



Parallel deliveries under different deliverer possible

### Modular design – allows perfect combinations

- System can be freely configured
- A COMFORTbox consists of at least two modules
- Each module can be divided into 10 height units (HU)
- Parcel lockers can be freely combined in four sizes
- S (HU 1), M (HU 2), XL (HU 4), XXL (HU 8)

#### Please note:

- Size S locker not possible at the top or the bottom
- To integrate the SKS COMFORT IP door station, a Size XL locker is required



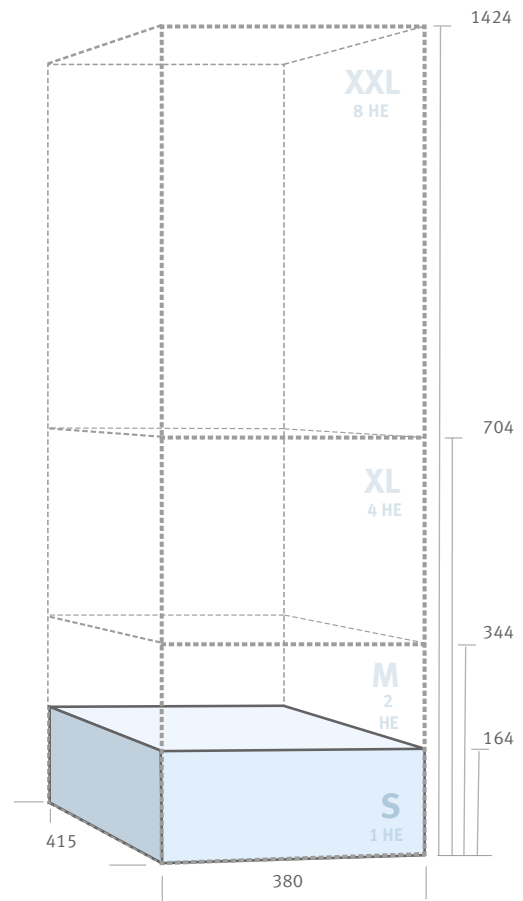


## SKS COMFORTbox Parcel Locker System – Modules

Adapt your COMFORTbox individually to the architecture and size of your property with the help of the modular system. Simply configure your parcel locker system using a variety of module models with different locker sizes and combinations. Ask us to help, we would be delighted to advise you.



Manufactured from galvanized steel. Powder-coated surface according to RAL or DB color fan.



COMFORTbox  
Paketfachanlage

COMFORTbox

### Parcel boxes in 4 sizes Lichtes Maß (B x H x T)

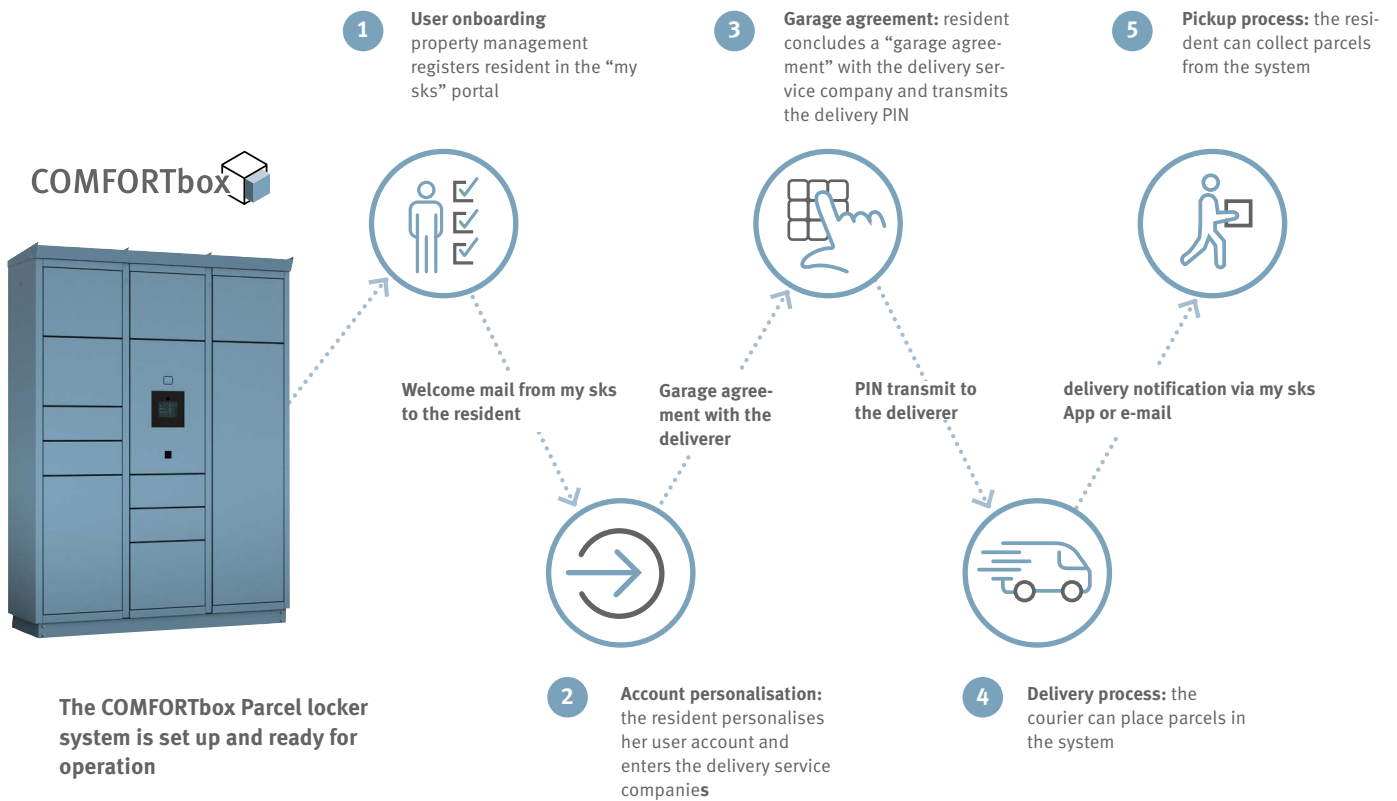
S:	380 x 164 x 415 mm
M:	380 x 344 x 415 mm
XL:	380 x 704 x 415 mm
XXL:	380 x 1424 x 415 mm

Can be freely combined. No  
parcel box S possible below

Productvideos and contact below  
[www.sks-kinkel.de/comfortbox](http://www.sks-kinkel.de/comfortbox)



## 5 Instructions for parcel deliveries and pick-ups – with the SKS COMFORTbox



### my sks Portal

For property management/concierge

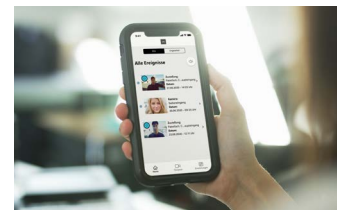


- Straightforward constellation and management of building communication and parcel locker system in just one portal



### my sks App

For residents/users



- Mobile video/audio door communication
- Management of the user's personal parcel locker settings
- Reception of push notifications in the case of
  - A missed house call
  - Parcel delivery including transmission of the collection PIN

Scalable. For sure. Central. future proof. Brilliant. connecting. We offer you almost unlimited possibilities in building communication as well as diverse applications with the SKS IP products. [www.sks-kinkel.de/ip](http://www.sks-kinkel.de/ip)



## Ecologically sustainable, efficient on the last mile

The new SKS COMFORTbox parcel locker system is not only produced sustainably, it also creates distinct ecological benefits for property owners and residents. In comparison to the many other parcel locker systems, the CO<sub>2</sub> generated during production is amortised in 5.4 years. The higher the volume of parcel deliveries carried out by the courier companies and postal services, the better the environmental balance. Optimising the different factors improves the complete ecological package and increases its value.

### Increased parcel volumes

# +20%

Das Paketaufkommen in den letzten Jahren ist enorm gestiegen. Im Zeitraum von 2000 bis 2019 hat sich der prozentuale Anteil fast verdoppelt, in den Jahren 2019 bis 2021 um 20 % erhöht. Die bislang prognostizierten Werte für 2025, erneute 20 %, werden voraussichtlich bereits im Jahre 2022 erreicht sein. Man geht davon aus, dass bis 2025 das Paketvolumen erneut um etwa 20 % ansteigen wird.

### Amortisation in 5.4 years



An average parcel locker made of aluminium generates approximately 160 kg of CO<sub>2</sub> during production. An average parcel locker made of steel, in contrast, generates only 30 kg of CO<sub>2</sub>. If the CO<sub>2</sub> emissions for a parcel of 0.5 kg are offset against this figure, the first drop-off attempt for the aluminium version would require the delivery of an additional 320 parcels. In the case of steel, however, only 60 additional parcels would be required. Assuming an average capacity utilisation and delivery rate of almost 100% for first-time deliveries, our steel COMFORTbox parcel box would offset its CO<sub>2</sub> footprint in 5.4 years. A comparable system made of aluminium, on the other hand, would take more than 29 years to offset its carbon emissions.

## The last mile\* in comparison:

### CEP and local public transport

A study in three major German cities showed that 72 parcels per kilometre can effectively be delivered by a CEP vehicle. In comparison, only 17 people per kilometre can be transported by public transport. In other words, 330% more parcels.

- Small, light-weight CEP vehicles tailored to daily rounds
- Public transport is usually overdimensioned
- CEP vehicles are generally one to three years old and consequently meet or exceed the EURO 4 emission standards
- Public transport vehicles are generally 8.4 years old and fall under outdated emissions standards

### CEP and private cars

The use of private cars to collect orders from a parcel shop or purchase items directly in town centres.

- Cars are usually overdimensioned, usually only one or two passengers are travelling (SUV)
- Private cars are usually 9.8 years old, the applicable emissions standards are outdated



Diesel vehicles are used very frequently nowadays. The cars of the future are planned to be less harmful to the environment. They include e-cars, climate-friendly small trucks and cargo bikes. In addition to this, the focus will be on short distances and smaller delivery districts with higher parcel volumes. Cargo bikes can be used in the city centres to deliver all parcels directly to the parcel locker. Not only are they more mobile and able to navigate shopping areas and narrow alleys, they also do not require any parking spaces and prevent unnecessary congestion caused by second row parking.

#### \*Definition of last mile:

The last mile is the last remaining distance in the delivery area in relation to the number of parcels; travel to and from the delivery area as well as connecting journeys in between are not included.

## The COMFORTbox Parcel locker system

### Deliveryquote

# 100 %



Produced locally and on site in the Westerwald region. With renewable and environmentally friendly energy products, we not only save CO<sub>2</sub> but also significantly shorten the supply chains through cooperation with regional partners.

With a 100% delivery rate and the resulting resident satisfaction, we promote this aspect by delivering to the parcel locker system directly, while at the same time eliminating the second delivery process or pick-ups from parcel shops.

Our COMFORTbox features the so-called PUDO principle (Pick Up and Drop Off). Residents' parcels can be picked up from our parcel locker system around the clock and also dropped off again accordingly. This means that all incoming CEP vehicle capacities are fully utilised, both on the way to delivery and on the return journey as well, largely avoiding empty runs as a result.

Normally, 15-25% of all parcels are delivered to a drop-off location or to a neighbour's house. This means additional routes and waiting times for the CEP services which can be completely avoided by delivery to a COMFORTbox. The residents are happy to receive their parcels directly and to be informed of delivery in advance via the app.

Further information below  
[www.sks-kinkel.de/comfortbox](http://www.sks-kinkel.de/comfortbox)





## SKS Solutions

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We offer solutions for each entry situation. As individual as the architecture as personal as the customers imaginations. Talk to us about your next project. We will advise you personally.





## There are no limits to your imagination

Individual details such as protruding lettering, engravings and outlines make SKS door stations unique. We like to work out ideas together with you, concerning features, measurements and surfaces of your door station. Be inspired by the flexible manufacturing of your personal unique product.

### Door station housings are available in the following varieties:

In the area of special solutions SKS put special emphasis on high-quality materials and workmanship. During manufacturing we focus on protecting the door station against vandalism 10 mm thick name plates, stainless steel buttons with micro switch, name plate illumination via LEDs and complete prewired door stations (in combination with an SKS BUS system) leave nothing to be desired.

SKS door stations excel in short lead times in connection with an optimal value for money.

- Flush-mounted with 45 mm depth of housing, SKS recommend the version with angular frame, as the plaster cannot be damaged when opening the tableau
- We offer 60 mm deep cavity wall boxes for special installation situations
- Boxes with a depth of 30 mm for surface mounting (depending on the module built in additionally if wanted, 58 mm depth of box)
- Surface mounted audio sets for up to 12 residential units with a box depth of 18 mm (available in BUS technology)
- Opening at the bottom with a box depth of 62 mm (used in door side panels)

### Examples of materials for the individual creative freedom

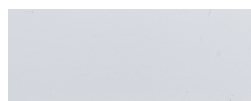
Variations in color are possible



Stainless steel brushed



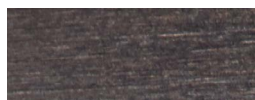
Aluminium in stainless steel looks



Aluminium silver anodized



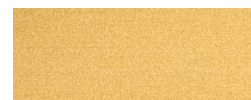
Stainless steel mirror finish silver



Bronzed brass



Aluminium, free choice of RAL



Aluminium gold anodized



VA Titanium gold



Alu braun eloxiert Aluminium brown anodized



Aluminium black anodized



Brass brushed



Brass polished

For an enquiry form see our website  
[www.sks-kinkel.de/anfrageformular](http://www.sks-kinkel.de/anfrageformular)





Architecture  
meets design  
Free choice of colour  
according to RAL.

## Free choice of color according to RAL

There are hardly any limitations to the color design of our door stations: Thus the door station can adapt the color concept of the surrounding architecture or set their own colorful emphasis – according to your imagination.



Variations in color are possible.









Front panels aluminium anodized C33, matching the wooden surface, with flush mounted housing. The image shows concave stainless steel bell buttons with illuminated name plates which can be changed from the front as well as an illuminated house number (lasered, with inserted flush-mounted acrylic glass, illuminated in white)

## Loud speaker grilles and pre-wired door stations



For more speaker grilles, show our website at  
[www.sks-kinkel.de/tuerstationen/  
 material-farbbeispiele/](http://www.sks-kinkel.de/tuerstationen/material-farbbeispiele/)



### Easy handling

SKS door stations are equipped with catching strips for easy assembly, or, if required also with hinges or special locks. Hence when the door station is opened no wire can break.

Pre-wired door stations allow for a lowcost set up, as the SKS door call addresses are already configured.



The image shows a pre-wired  
 SKS door station



## The ideal protection

SKS flush-mounted door stations with angular frame – the opening can be covered optimally and when the tableau is opened no plaster is damaged.

Front panel V2A stainless steel brushed grain 320 with angular frame (anodized in stainless steel looks), if required also available in V4A stainless steel



Color camera, flush-mounted



Loud speaker grilles (type A)

SKS Status module almost barrier-free following DIN 18040



Stainless steel bell buttons protected against vandalism



Name plate can be changed from front, with LED illumination





## Individual variety of design

We design our door stations individually according to your personal wishes and requests. A mature design pattern allows for a variety of solutions according to the preferred functional range and the size of the system.

### Engravings as a highlight



The illustration shows an individual door side panel system with a COMFORT door station 5.7" as well as a house number and street name engraving.







The illustration shows an SKS door station with letterbox system in the door side panel.  
The system was manufactured in RAL 8022 black-brown.





Individual door stations from SKS can be designed in the color of your choice.



## SKS in innovative architectural concepts

Various entrance areas demand for individual solutions in design and kind of installation. An integration into various facades, as for example the installation in a door side panel is also possible.



The illustration shows a 5.7" COMFORT door station in a stainless steel installation housing. A house number was also engraved at the same material



### Post box system

SKS post box systems are available in different colors and formats as well as custom-made products also in special sizes.



You can find more information on post box variants such as flush-mounted, surface-mounted, door side panel, through-wall and free-standing systems in our catalog at [www.sks-kinkel.de/kataloge](http://www.sks-kinkel.de/kataloge)





## Post box systems

In-wall systems are installed in such a way that they disappear fully in the surrounding brickwork and are completely flush with the wall. The gap between brickwork and system is hidden by a plaster covering frame. For surface mounted systems the installation does not need any brickwork.



This illustration shows a post box system as a wall system. The door station and an engraving with the street name and house number are also located in the system.

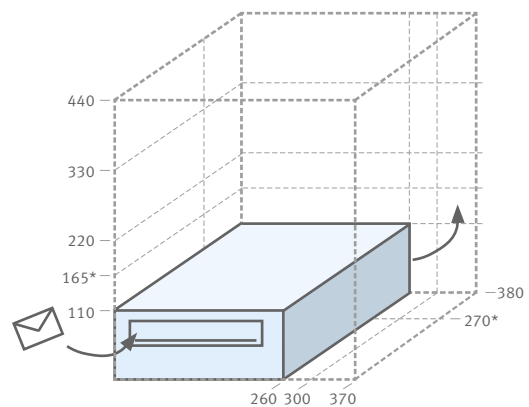
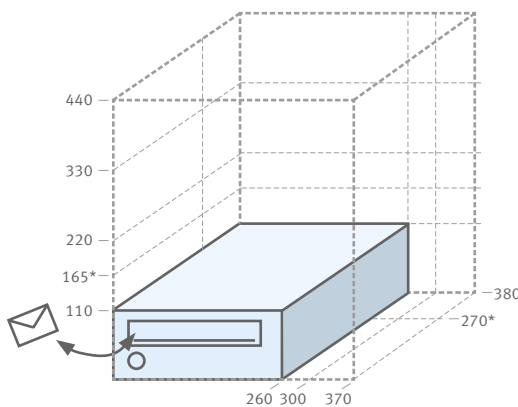
# Post box systems - box forms and sizes

## Horizontal boxes

### Widths and depths



### Heights



## HA

Horizontal boxes, removal from front for surface-mounting, freestanding, in-wall and door side panel systems

Item No.	Box dimensions in mm (w x h x d)	Feeding slot in mm (w x h)	Volume in litres
HA2611	260 x 110 x 380 mm	230 x 35 mm	10 l
HA2622	260 x 220 x 380 mm	230 x 35 mm	21 l
HA2633	260 x 330 x 380 mm	230 x 35 mm	32 l
HA2644	260 x 440 x 380 mm	230 x 35 mm	43 l
HA3011	300 x 110 x 380 mm	265 x 35 mm	12 l
HA3017	300 x 165 x 380 mm	265 x 35 mm	18 l
HA3022	300 x 220 x 380 mm	265 x 35 mm	25 l
HA3033	300 x 330 x 380 mm	265 x 35 mm	37 l
HA3044	300 x 440 x 380 mm	265 x 35 mm	50 l
HA3711	370 x 110 x 270 mm	325 x 35 mm	10 l
HA3711T	370 x 110 x 380 mm	325 x 35 mm	15 l
HA3717	370 x 165 x 270 mm	325 x 35 mm	16 l
HA3722	370 x 220 x 270 mm	325 x 35 mm	21 l
HA3722T	370 x 220 x 380 mm	325 x 35 mm	30 l
HA3733	370 x 330 x 270 mm	325 x 35 mm	32 l
HA3733T	370 x 330 x 380 mm	325 x 35 mm	46 l
HA3744	370 x 440 x 270 mm	325 x 35 mm	43 l
HA3744T	370 x 440 x 380 mm	325 x 35 mm	61 l

## HP

Horizontal boxes, removal from back for freestanding, in-wall and door side panel systems

Item No.	Box dimensions in mm (w x h x d)	Feeding slot in mm (w x h)	Volume in litres
HP2611	260 x 110 x 380 mm	230 x 35 mm	10 l
HP2622	260 x 220 x 380 mm	230 x 35 mm	21 l
HP2633	260 x 330 x 380 mm	230 x 35 mm	32 l
HP2644	260 x 440 x 380 mm	230 x 35 mm	43 l
HP3011	300 x 110 x 380 mm	265 x 35 mm	12 l
HP3017	300 x 165 x 380 mm	265 x 35 mm	18 l
HP3022	300 x 220 x 380 mm	265 x 35 mm	25 l
HP3033	300 x 330 x 380 mm	265 x 35 mm	37 l
HP3044	300 x 440 x 380 mm	265 x 35 mm	50 l
HP3711	370 x 110 x 270 mm	325 x 35 mm	10 l
HP3711T	370 x 110 x 380 mm	325 x 35 mm	15 l
HP3717	370 x 165 x 270 mm	325 x 35 mm	16 l
HP3722	370 x 220 x 270 mm	325 x 35 mm	21 l
HP3722T	370 x 220 x 380 mm	325 x 35 mm	30 l
HP3733	370 x 330 x 270 mm	325 x 35 mm	32 l
HP3733T	370 x 330 x 380 mm	325 x 35 mm	46 l
HP3744	370 x 440 x 270 mm	325 x 35 mm	43 l
HP3744T	370 x 440 x 380 mm	325 x 35 mm	61 l

\* As standard boxes with a height of 165 mm are available only for boxes which are 300 or 370 mm wide and boxes that are 270 mm deep are available only for boxes which are 370 mm wide.

## Vertical boxes

### Widths



260 mm

300 mm

370 mm

### Heights



330 mm

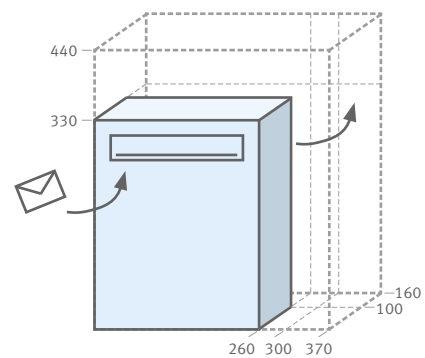
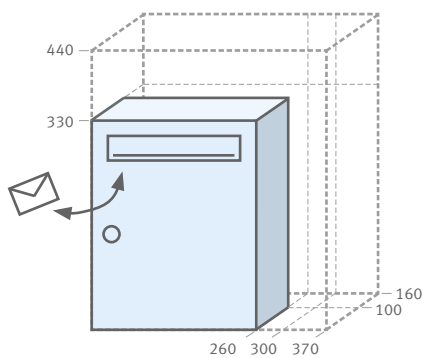
440 mm

### Depths



100 mm

160 mm



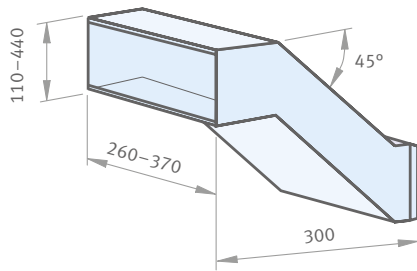
**VA** Vertical boxes, removal from front for surface-mounting, freestanding, in-wall and door side panel systems

Item No.	Box dimensions in mm (w x h x d)	Feeding slot in mm (w x h)	Volume in litres
<b>VA2644</b>	260 x 440 x 100 mm	230 x 35 mm	11 l
<b>VA2644T</b>	260 x 440 x 160 mm	230 x 35 mm	18 l
<b>VA3044</b>	300 x 440 x 100 mm	265 x 35 mm	13 l
<b>VA3044T</b>	300 x 440 x 160 mm	265 x 35 mm	21 l
<b>VA3733</b>	370 x 330 x 100 mm	325 x 35 mm	12 l
<b>VA3733T</b>	370 x 330 x 160 mm	325 x 35 mm	19 l
<b>VA3744</b>	370 x 440 x 100 mm	325 x 35 mm	16 l
<b>VA3744T</b>	370 x 440 x 160 mm	325 x 35 mm	26 l

**VP** Vertical boxes, removal from back for freestanding, in-wall and door side panel systems

Item No.	Box dimensions in mm (w x h x d)	Feeding slot in mm (w x h)	Volume in litres
<b>VP2644</b>	260 x 440 x 100 mm	230 x 35 mm	11 l
<b>VP2644T</b>	260 x 440 x 160 mm	230 x 35 mm	18 l
<b>VP3044</b>	300 x 440 x 100 mm	265 x 35 mm	13 l
<b>VP3044T</b>	300 x 440 x 160 mm	265 x 35 mm	21 l
<b>VP3733</b>	370 x 330 x 100 mm	325 x 35 mm	12 l
<b>VP3733T</b>	370 x 330 x 160 mm	325 x 35 mm	19 l
<b>VP3744</b>	370 x 440 x 100 mm	325 x 35 mm	16 l
<b>VP3744T</b>	370 x 440 x 160 mm	325 x 35 mm	26 l

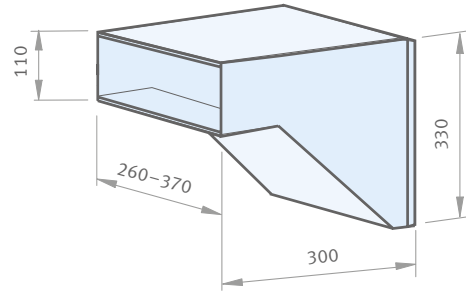
## Boxes especially for door side panels



### TIS

Pass-through boxes, transversal, removal from back, especially for door side panels

Item No.	Box dimensions in mm (w x h x d)	Feeding slot in mm (w x h)	Volume in litres
<b>TIS2611</b>	260 x 110 x 300 mm	230 x 35 mm	7 l
<b>TIS2622</b>	260 x 220 x 300 mm	230 x 35 mm	13 l
<b>TIS2633</b>	260 x 330 x 300 mm	230 x 35 mm	20 l
<b>TIS2644</b>	260 x 440 x 300 mm	230 x 35 mm	26 l
<b>TIS3011</b>	300 x 110 x 300 mm	265 x 35 mm	8 l
<b>TIS3022</b>	300 x 220 x 300 mm	265 x 35 mm	15 l
<b>TIS3033</b>	300 x 330 x 300 mm	265 x 35 mm	23 l
<b>TIS3044</b>	300 x 440 x 300 mm	265 x 35 mm	30 l
<b>TIS3711</b>	370 x 110 x 300 mm	325 x 35 mm	9 l
<b>TIS3722</b>	370 x 220 x 300 mm	325 x 35 mm	19 l
<b>TIS3733</b>	370 x 330 x 300 mm	325 x 35 mm	28 l
<b>TIS3744</b>	370 x 440 x 300 mm	325 x 35 mm	37 l

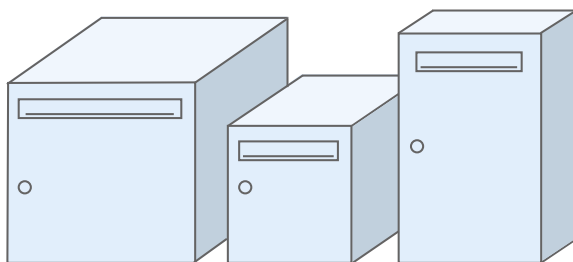


### SP

Pass-through boxes, transversal (upper part straight), removal from back, especially for door side panels

Item No.	Box dimensions in mm (w x h x d)	Feeding slot in mm (w x h)	Volume in litres
<b>SP2611</b>	260 x 110/330 x 300 mm	230 x 35 mm	16 l
<b>SP3011</b>	300 x 110/330 x 300 mm	265 x 35 mm	19 l
<b>SP3711</b>	370 x 110/330 x 300 mm	325 x 35 mm	20 l

Pass-through boxes of series SP are the optimal addition for TIS post boxes in door side panels, as by combining the two a flush upper level is reached.



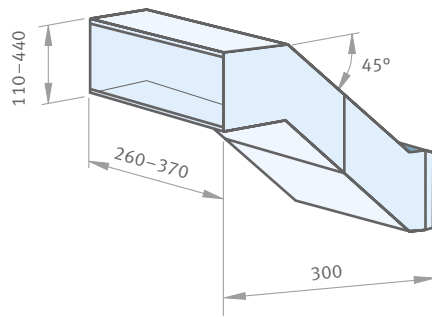
### Boxes in special sizes?

Outside the standard we offer boxes in special sizes.

Just ask us!



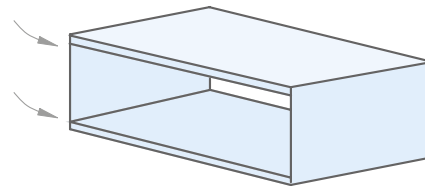
## Boxes especially for in-wall systems


**TI\***

Pass-through boxes, transversal, telescopic, removal from back, especially for in-wall systems

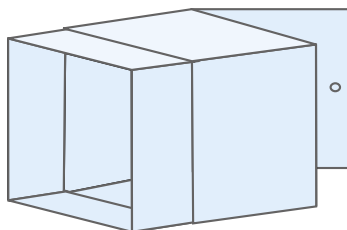
Item No.	Box dimensions in mm (w x h x d)	Feeding slot in mm (w x h)	Volume in litres
<b>TI2611</b>	260 x 110 x 290-440 mm	230 x 35 mm	6-10 l
<b>TI2622</b>	260 x 220 x 290-440 mm	230 x 35 mm	12-20 l
<b>TI2633</b>	260 x 330 x 290-440 mm	230 x 35 mm	18-31 l
<b>TI2644</b>	260 x 440 x 290-440 mm	230 x 35 mm	24-41 l
<b>TI3011</b>	300 x 110 x 290-440 mm	265 x 35 mm	7-11 l
<b>TI3022</b>	300 x 220 x 290-440 mm	265 x 35 mm	14-23 l
<b>TI3033</b>	300 x 330 x 290-440 mm	265 x 35 mm	21-35 l
<b>TI3044</b>	300 x 440 x 290-440 mm	265 x 35 mm	28-47 l
<b>TI3711</b>	370 x 110 x 290-440 mm	325 x 35 mm	8-14 l
<b>TI3722</b>	370 x 220 x 290-440 mm	325 x 35 mm	17-29 l
<b>TI3733</b>	370 x 330 x 290-440 mm	325 x 35 mm	26-44 l
<b>TI3744</b>	370 x 440 x 290-440 mm	325 x 35 mm	35-58 l

\* TI-boxes EN compliant from a depth of 330 mm



We offer adapters for our TI-boxes with a height of 110 mm to maximise the extension.

Item No.	Depth	matching for
<b>18506</b>	260 mm (Maximises the length to 700 mm)	<b>TI2611</b>
<b>17129</b>	260 mm (Maximises the length to 700 mm)	<b>TI3011</b>
<b>17130</b>	260 mm (Maximises the length to 700 mm)	<b>TI3711</b>


**HPTI**

Straight, extendable boxes, removal from back, especially for in-wall boxes

Item No.	Box dimensions in mm (w x h x d)	Feeding slot in mm (w x h)	Volume in litres
<b>SP2611</b>	260 x 110 x 525-660 mm	230 x 35 mm	14-18 l
<b>SP3011</b>	300 x 110 x 525-660 mm	265 x 35 mm	16-21 l
<b>SP3044</b>	300 x 440 x 525-660 mm	265 x 35 mm	66-87 l
<b>SP3711</b>	370 x 110 x 525-660 mm	325 x 35 mm	20-26 l

## Individual design

Experience the innovative special solutions by SKS in its aesthetics and variety. We manufacture the matching solution for your individual design requests.



Special solutions to match the building architecture or color-coordinated with the overall concept of the entrance area – you always have the right solution with custom-made products from SKS.



## Steles

A stele is the ideal solution, to offer access independently from walls or facades. With you we gladly work out ideas on features, measurements or surfaces of your steles and post box systems – be inspired by our flexible manufacturing of your personal unique stele.



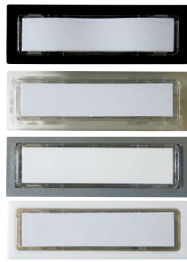
Colored stainless steel stele  
in RAL 1035 with built-in  
COMFORT door station 5.7"



Brushed stainless steel with SKS COMFORT door  
station with 10.1" multi-touch display and column  
powder-coated RAL with SKS COMFORT door  
station with 5.7" multi-touch display and post box system

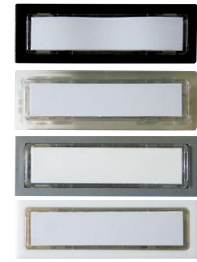


### Push button small, with micro switch and LED illumination



Item No.	Dimensions	Color
<b>800384</b>	External dimensions: 65 x 22 mm Punching dimensions: 62 x 18 mm	(100008-b) brown
<b>800358</b>	External dimensions: 65 x 22 mm Punching dimensions: 62 x 18 mm	(100008-g) crystal clear
<b>800359</b>	External dimensions: 65 x 22 mm Punching dimensions: 62 x 18 mm	(100008-s) silver
<b>800360</b>	External dimensions: 65 x 22 mm Punching dimensions: 62 x 18 mm	(100008-w) white

### Push button small, with micro switch and LED illumination



Item No.	Dimensions	Color
<b>800384</b>	External dimensions: 65 x 22 mm Punching dimensions: 62 x 18 mm	(100008-b) brown
<b>800358</b>	External dimensions: 65 x 22 mm Punching dimensions: 62 x 18 mm	(100008-g) crystal clear
<b>800359</b>	External dimensions: 65 x 22 mm Punching dimensions: 62 x 18 mm	(100008-s) silver
<b>800360</b>	External dimensions: 65 x 22 mm Punching dimensions: 62 x 18 mm	(100008-w) white

### Bell button stainless steel with flat edge



Item No.	Description	Dimensions:
<b>800817</b>	Bell button stainless steel with flat edge, Max. operating voltage 12 V, IP65	External dimensions: Ø 22 mm Punching dimensions: Ø 19 mm

### Anti-vandalism concave bell button with feather, V2A



Item No.	Description	Dimensions:
<b>800673</b>	Anti-vandalism concave bell button with feather, V2A	External dimensions: Ø 16 mm Punching dimensions: Ø 14 mm

### Indented bell button chromium-plated (for KINI door stations)



Item No.	Description	Dimensions
<b>800402</b> (100005)	Indented bell button chromium-plated (for KINI door stations)	External dimensions: Ø 20 mm Punching dimensions: Ø 15 mm

### Bell button plate stainless steel



Item No.	Description	Dimensions (BxHxT)
<b>600027</b> (81310)	Bell button plate stainless steel, Attachment is invisible with two holes in the wall, the supplied dowels are simply inserted and, using the bolts enclosed and threads on the back, the plate is firmly connected to the wall.)	85 x 85 x 6 mm



### Name plate holder for anti-vandalism door stations



Item No.	Description	Dimensions
<b>800412</b>	Name plate holder, Exchange from back	Punching dimensions: 55 x 18 mm
<b>800406</b>	Name plate inlay	Dimensions: 59 x 18 mm

### Name plate holder for anti-vandalism door station



Item No.	Description	Dimensions
<b>800413</b>	Name plate holder, Exchange from front, suitable for tableaux with little space requirements	Punching dimensions: 55 x 18 mm
<b>800408</b>	Name plate inlay	Dimensions: 52 x 15 mm

### Name plate holder universal for anti-vandalism door station



Item No.	Description	Dimensions
<b>800746</b>	Name plate holder, Exchange from front, for 1-4 mm thick materials, incl. 3 adapters	Punching dimensions: 55 x 18 mm
<b>800408</b>	Name plate inlay	Dimensions: 52 x 15 mm

### Name plate holder for anti-vandalism door station



Item No.	Description	Dimensions
<b>800414</b>	Name plate holder, Exchange from front, not flush	External dimensions: 59 x 23 mm Punching dimensions: 57 x 20 mm
<b>800409</b>	Name plate inlay	Dimensions: 49 x 13 mm

### Name plate holder for KINI door station



Item No.	Description	Dimensions
<b>800410</b>	Name plate holder, Exchange from back	External dimensions: 60 x 21 mm Punching dimensions: 56 x 16 mm
<b>800407</b>	Name plate inlay	Dimensions: 55 x 13 mm

### Name plate holder for series Basic line, Exchange from front



Item No.	Description	Dimensions
<b>901193</b>	Name plate holder, Exchange from front	Punching dimensions: 70,3 x 20 mm
<b>901297</b>	Name plate inlay	Dimensions: 65,5 x 16 mm



### Basic BUS bell

Item No.	Description	Dimensions (BxHxT)
<b>300098</b>	Basic BUS bell	80 x 150 x 13 mm

The BUS bell is connected to the SKS BUS with 2 wires. Using the DIP switch the same call address is set as on the indoor station. When a door call comes in both indoor station and BUS bell play the chosen ringtone.

- Compatible with BUS bell 300006
- Ringtones and volume adjustable
- Ringtone matching with all SKS indoor stations
- Surface-mounted
- Not suitable for outside
- Working temperature: -10 °C bis +65 °C
- Protection type IP20



### Basic additional loudspeaker

Item No.	Description	Dimensions (BxHxT)
<b>300097</b>	Basic additional loudspeakerr	80 x 150 x 13 mm

The additional loudspeaker is connected to an existing indoor station. The additional loudspeaker can be used for the SKS indoor stations series HT4500, T4600, HTV4600, HT925, HT926, HT7105 and HT3500. When a house or door call comes in, both the indoor station and the additional loudspeaker play the same ringtone.

- Compatible with additional loudspeaker 300045
- Same ringtone as the indoor station (only loudspeaker)
- Up to 3 wires to the indoor station are needed
- Surface-mounting (not suitable for outdoors)
- Working temperature: -10 °C bis +65 °C
- Protection type IP20

## Video indoor stations SKS BUS

Item No.	Description
100018	Indoor station il vetro video, hands-free, 2-wire, white
100020	Indoor station il vetro video, hands-free, 6-wire, black
100021	Indoor station il vetro video, hands-free, 6-wire, white
100049	Indoor station DS2010 video, receiver, 6-wire, white, with image storage function
100052	Indoor station DS2010 video, hands-free, 6-wire, black
100055	Indoor station DS2010 video, receiver, 2-wire, white
100057	Indoor station DS2010 video, receiver, 6-wire, white
100058	Indoor station DS2010 video, hands-free, 2-wire, white glossy
100059	Indoor station DS2010 video, hands-free, 6-wire, white glossy
100060	Indoor station DS2010 video, hands-free, 2-wire, white glossy, with image storage function
100061	Indoor station DS2010 video, hands-free, 6-wire, white glossy, with image storage function
100037	Indoor station HTV4600 video, receiver, 2-wire, plastic white
100073	Indoor station HTV4600 video, b/w, receiver, 6-wire, plastic white (as replacement for 4505-VB - please contact our support)
100063	Indoor station CASA video, hands-free, 6-wire, silver, with image storage function
100067	Indoor station CASA video, hands-free, 6-wire, white, with image storage function

## Audio indoor stations SKS BUS

Item No.	Description
200003	Indoor station il vetro audio, hands-free, black
200004	Indoor station il vetro audio, hands-free, white
200022	Indoor station DS2010 audio, hands-free, black
200024	Indoor station DS2010 audio, receiver, black
200025	Indoor station DS2010 audio, receiver, white
200026	Indoor station DS2010 audio, hands-free, white glossy
80080105	Adapter plate for covering the outline of the HT4500 in connection with BS2012 audio hands-free and HT4600 Dimensions: 90 x 230 x 3 mm

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## SKS BUS accessories, audio/video

Item No.	Original Item No.	Description
<b>300048</b>	4808-4503	Control module 4808 in the housing of control module 4503
<b>300027</b>	4808-4001	Control module up to 2 RU*
<b>300052</b>	4808-4001 ab 3 WE	Control module up to 3 RU*
<b>300003</b>	4811	Series impedance
<b>300036</b>	4502-850	Transformer for video systems
<b>300059</b>	754-V2	Video power supply 6-wire video
<b>30005901</b>		Video power supply 4 cameras 6-wire video
<b>30005910</b>		Video power supply 8 cameras 6-wire video
<b>800661</b>	755-V	Door switch for 6-wire video technology from 4 entrances on
<b>300016</b>	4813-V2	Floor controller
<b>300009</b>	4803	BUS driver for up to 48 residential units
<b>300023</b>	SIP06	Switch interface for HTV4600, HT4600, HT4500, BS2012
<b>300019</b>	LSI06	Light signal interface for HTV4600, HT4600, HT4500, BS2012
<b>800324</b>	820-C	Built-in camera, 6-wire
<b>300094</b>		2-wire video compact power supply
<b>300060</b>		Combined camera/speech module 2-wire video technology for individual SKS door stations
<b>300083</b>		Combined camera/speech module 2-wire video technology for SKS set door stations
<b>300025</b>	4807	Star distributor
<b>300044</b>	4809	Door station coupler
<b>300017</b>	4832	Floor distributor
<b>300002</b>	4812	2-wire series impedance
<b>300014</b>	825-C	Built-in camera, 2-wire
<b>300000</b>	4815	Video transmitter
<b>300004</b>	825-M	2-wire video converter (to connect external cameras to the 2-wire video BUS system)
<b>300005</b>		Motion sensor, dimensions: 33 x 90 x 30 mm
<b>300039</b>	4817	Video receiver

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**1+n technology series HT925/HT926**

Item No.	Original Item No.	Description
<b>800234</b>	HT925-S-2-MS	House telephone HT925, 1+n, with muting, white
<b>800235</b>	HT95-S-2-MSP	House telephone HT925, 1+n, with muting and potentiometer for regulation of volume, white
<b>800231</b>	HT926	House telephone HT926, 1+n for parallel operation, white (Dimensions: 82 x 193 x 25 mm)
<b>800238</b>	HT926-S-2-MS	House telephone HT926, 1+n, with muting, white (Dimensions: 82 x 193 x 25 mm)
<b>800651</b>	835-2	Door loudspeaker 1+n
<b>800653</b>	835-2-ML	Door loudspeaker 1+n, ML version
<b>800490</b>	835-3	Board door loudspeaker 1 + n
<b>80080105</b>		Adapter plate for covering the outline of the HT925 in connection with HT926 Dimensions 90 x 230 x 3 mm

**Accessories 1+n technology**

Item No.	Original Item No.	Description
<b>800141</b>	2503-10	Diode matrix for up to 10 users
<b>800142</b>	2503-14	Diode matrix for up to 14 users
<b>800143</b>	2503-20	Diode matrix for up to 20 users
<b>800518</b>	SIP05	Switching interface (for series HT925 and 926)
<b>300023</b>	SIP06	Switching interface for HTV4600, HT4600, HT4500, BS2012
<b>300019</b>	LSI06	Light signal interface for HTV4600, HT4600, HT4500, BS2012

**Indoor stations 3+n technology HT3500**

Item No.	Original Item No.	Description
<b>800227</b>	1147-3H	Door call module (signal tone generator for ZV 1103/1.1)
<b>800266</b>	HT3500-1-MS	House telephone 3+n, with privacy function, with muting
<b>800680</b>	ZV1103-1.1	Amplifier for SKS-HT 3500-1 (3+n)
<b>800430</b>	1109(GT3182)	Power transformer for switchboard installation or surface-mounting

## Removal tools, screws, keys, buttons

Item No.	Original Item No.	Description
<b>800008</b>	100024	2-hole screw
<b>800009</b>	100021	2-hole wrench
<b>800632</b>	100022-16	TORX screw M4, length 16 mm
<b>800634</b>	100022-25	TORX screw M4, length 25 mm
<b>800635</b>	100022-30	TORX screw M4, length 30 mm
<b>800637</b>	100022-40	TORX screw M4, length 40 mm
<b>800640</b>	100019	TORX wrench M4
<b>800640-B</b>		TORX wrench M4 angle
<b>800164</b>	100030	Removal tool for items 800413, 800414, 800746 and 901193
<b>800165</b>	100030-COMFORT	Removal tool for items 800413, 800414, 800746 and 901193
<b>800781</b>		Opening tool for Basic line door stations
<b>800348</b>	100002	Bell button stainless steel - external dimensions: ø 22 mm/Punching dimensions: ø 18 mm

## Door openers

Item No.	Original Item No.	Description
<b>700044</b>	30.1.03.B	Door opener without unlocking
<b>700043</b>	31.1.03.B	Door opener with mechanical unlocking
<b>700050</b>	32A.1.03.B	Door opener unlocking via internal retaining spring (leaf spring)
<b>700040</b>	30.1.03.E	Door opener electronically protected
<b>700071</b>		NC circuit door opener (for escape route doors)

## SMARTLine

Artikel Nr.	Artikelbezeichnung
<b>100070</b>	Videoinnensprechstelle BSV2012 Video, Freisprechen, SMARTLine 2D, weiß
<b>300076</b>	Türöffner mit mechanischer Entriegelung
<b>300082</b>	SMARTLine 2D Kombiniertes Kamera-/Sprachmodul für SKS Setztürstationen
<b>300104</b>	SMARTLine 2D Verteiler 2-fach UP
<b>300105</b>	SMARTLine 2D Verteiler 4-fach REG
<b>300107</b>	SMARTLine 2D Kombiniertes Kamera-/Sprachmodul für individuelle SKS Türstationen

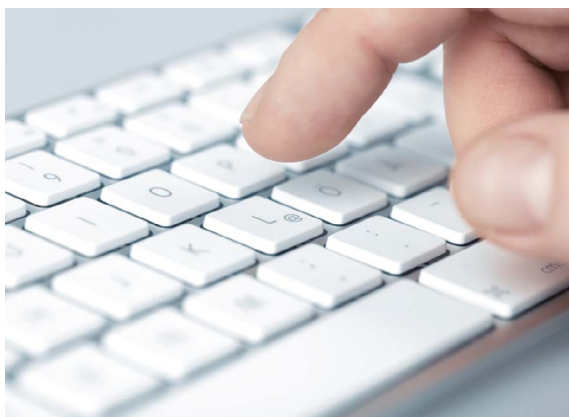
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## Service is our top priority!

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### Inquiry form

Inquire about your customized, personal door station with our interactive inquiry form.

[www.sks-kinkel.de/anfrageformular](http://www.sks-kinkel.de/anfrageformular)



### Training

We show you how it works!  
Make use of the trainings we offer which are specially customized to your projects

Please register under:  
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### SKS Specialists

We accompany you all the way to the final, properly working door station. Well-trained SKS internal technicians are happy to assist.

**Please do contact us for any further questions.**



# SKS General terms and conditions

## Scope

- 1.1 The customer receives from SKS-Kinkel Elektronik GmbH (hereinafter SKS) the contractual objects and services specified in the respective contract under the following general terms and conditions (hereinafter GTC).
- 1.2 Customers in the sense of these GTC are exclusively entrepreneurs according to § 14 BGB.
- 1.3 All deliveries and services are made exclusively on the grounds of these GTC as well as the individual order confirmations issued by SKS. These are part of all contracts, SKS conclude with their customers for the contractual objects and services offered. This also applies in the event that their validity is not separately agreed upon again.
- 1.4 Conflicting or deviating general terms and conditions or other restrictions of the customer do not become part of the contract, unless SKS has expressly agreed to them individually in writing before the contract is concluded.

## Object of performance

- 2.1 The customer purchases from SKS the mechanical or technical equipment for the respective purpose as described in the contract (hereinafter hardware).
- 2.2 The agreed quality of the hardware finally results from the enclosed product description. The technical data, specifications, explanations of the functions and possible uses as well as any other information in the product description enclosed are to be understood solely as a description of the quality within the meaning of Section 434 (1) BGB and not as an independent guarantee, quality guarantee or durability guarantee. Guarantees are only valid as such if and to the extent that SKS expressly designates them as guarantees.
- 2.3 The provision of additional services is not part of the contract and requires a separate agreement. The applicable hourly rates, flat rates and contractual terms are communicated on request.

## Conclusion of the contract

- 3.1 The offers from SKS are subject to change and non-binding.
- 3.2 The contract with SKS is concluded by a written confirmation of the offer from the customer. Additional oral agreements are ineffective.

## Prices and terms of payment

- 4.1 The price list issued by SKS is non-binding.
- 4.2 The prices quoted by SKS in the respective offer are decisive. Unless otherwise agreed, these are valid for up to 30 days after the offer has been issued.
- 4.3 Repair services are invoiced according to the actual time needed on an hourly basis. A non-binding cost estimate is only issued on the customer's explicit request.
- 4.4 The amount invoiced is due immediately and payable on the day the invoice is issued.
- 4.5 The customer can offset undisputed or legally binding claims only or exercise a right of retention. Because of defects, the customer may withhold an appropriate amount of the remuneration and only if the defect is beyond doubt. The customer has no right of retention if his claim for defects has already lapsed.
- 4.6 SKS is authorized, to firstly offset the customer's payments with older debts. If costs and interest have already arisen, SKS is entitled to offset the payment first against the costs, then against the interest and finally against the main claim.

## Shipping and other costs

- 5.1 For orders over 150.00 EUR including VAT shipping within Germany (islands excluded) is free for the customer, as long as the consignment is suitable to be sent by regular post.
- 5.2 For orders lower than the amount stated under point 5.1 the customer is invoiced shipping costs of 7.90 EUR including VAT as well as a minimum quantity surcharge of 6.00 EUR including VAT.
- 5.3 For repairing services special shipping costs listed in the respective offer may apply, unless the service is rendered at the customer's site. Here the customer has to bear all shipping costs, regardless of the amount of invoice.
- 5.4 In case of return the customer has to bear all shipping costs incurring.

## Time of delivery and performance

- 6.1 Delivery shall be made at the risk and expense of the ordering party without insurance ex works Hof.
- 6.2 The delivery period begins with the dispatch of the order confirmation and after receiving all documents required for the execution of the order, agreed down payments and any consent of the other contracting party in the execution documents. It ends on the day on which the item of delivery leaves the SKS plant or is stored due to impossibility of delivery or in the event of non-payment in the case of an agreed advance payment. If the other contracting party requests changes to the order after the order has been confirmed, the new delivery period only begins when the modified order confirmation is sent by SKS.
- 6.3 If SKS does not meet an agreed deadline due to a circumstance for which SKS is responsible, the other contracting party is obliged to set a reasonable grace period for the delivery. After this expires, the other contracting party is entitled to withdraw from the contract. Damages can only be claimed up to the amount of the order.
- 6.4 SKS is not responsible for delays in delivery and performance due to events that make delivery significantly more difficult or impossible – this also includes subsequent difficulties in the procurement of materials, operational interruptions, strikes, lockouts, official orders, etc., even if they affect suppliers or sub-suppliers of SKS – even with bindingly agreed fixed dates. They authorize SKS to postpone the delivery or service for the duration of the impediment plus a reasonable start-up time or to withdraw from the contract in whole or in part because of the part not yet fulfilled.

6.5 In case the impediment lasts longer than three months, the other contracting party is entitled to withdraw from the contract with respect to the part not yet fulfilled after setting a reasonable grace period. Compensation cannot be claimed.

6.6 SKS is entitled to partial deliveries and partial services at any time, unless the other contracting party would be unduly disadvantaged by this.

## Redemption

7.1 If agreed, SKS will take back the contractual items ordered by the customer within a maximum of 1 month after delivery (date of the delivery note). The return delivery must be registered using the SKS returns form. Credit is made for the entire value of the goods plus statutory value added tax if the seal is intact. If the seal is broken, the credit is reduced by 20% of the originally calculated value of the goods plus statutory VAT.

7.2 Only brand new, unused and originally packed contractual items can be taken back.

7.3 Contract objects specially manufactured for the customer are excluded from return.

## Obligation of inspection and notification

With regard to all deliveries by SKS, the customer has an obligation to inspect and give notice of defects in accordance with § 377 HGB. Accordingly, the customer must report obvious defects in the goods to SKS in writing immediately, at the latest within five (5) working days.

## Defects in quality and title

9.1 In the event of quality defects, SKS initially guarantee subsequent performance. For this purpose SKS either leave the customer with new and defect-free hardware or remedy the defect. Remedy of defects also applies if SKS show the customer reasonable options for avoiding the effects of the defect.

9.2 In the event of title defects, SKS initially guarantee subsequent performance. For this purpose SKS provide the customer with a legally flawless possibility to use the delivered hardware or of an exchanged or modified equivalent hardware.

9.3 SKS is authorized to make the subsequent performance dependent on the fact that the customer has paid at least a reasonable part of the amount invoiced.

9.4 The customer is obliged to accept the new hardware if the contractual scope of functions is retained and if the acceptance does not lead to significant disadvantages.

9.5 If two (2) attempts at subsequent performance fail, the customer is entitled to set a reasonable grace period to remedy the defect. Doing so he must explicitly and in writing point out that he reserves the right to withdraw from the contract and/or to claim damages if another failure occurs.

9.6 If the subsequent performance also fails in the grace period, the customer can withdraw from the contract or reduce the invoice amount, unless there is an insignificant defect. SKS pay compensation or reimbursement of futile expenses due to a defect within the limits specified in these terms and conditions.

9.7 In case SKS provide services to search for or eliminate defects without being obliged to do so, SKS can claim remuneration for this in accordance with the usual rates. This applies in particular if a defect cannot be proven or cannot be attributed to SKS. The additional effort on the part of SKS, which arises from the fact that the customer has not properly fulfilled his obligations, must also be reimbursed.

9.8 If, in case of a returning process, goods are returned to SKS as possibly defect and it turns out in the subsequent internal assessment that the criteria for a warranty case are not met, the goods will be disposed of free of charge after twelve (12) working days, unless otherwise stated in writing by the customer. This period starts at the time the customer is informed in writing by SKS.

9.9 From other breaches of duty by SKS the customer can only derive rights if he has notified SKS in writing and has granted a grace period for remedy. This does not apply if due to the nature of the breach of duty a remedy is out of the question. For damages or reimbursement of futile expenses the limits set out in these terms and conditions shall apply.

9.10 For just an insignificant deviation of the contractual agreed condition no claims because of quality defects may be put forward. Claims because of defects are also not legitimate in the case of excessive or improper use, natural wear and tear, failure of components in the system environment, non-reproducible or otherwise demonstrable software errors or damage caused by special external influences that are not condition of the contract. This also applies if components are used together with products that have not been supplied by SKS and are therefore not system-compliant (in particular the integration of third-party components into the SKS BUS system or powering third-party components with the system voltage supply of the SKS BUS), as well as for modification or repair by the customer or third parties or repair by the customer or third parties.

## Statute of limitations

10.1 The statute of limitation for all warranty claims is twenty-four (24) months and begins with the delivery of the hardware.

10.2 In the event of intent or gross negligence on the part of SKS, fraudulent concealment of a defect, personal injury or defects of title in the sense of section 438 (1) no. 1a BGB as well as for guarantees in the sense of section 444 BGB the legal statute of limitation applies, as well as for claims under the Product Liability Act.

## Retention of title

11.1 The objects of the contract remain the property of SKS until all claims, including secondary claims, claims for damages and cashing of checks and bills of exchange, have been paid in full.

11.2 The customer hereby assigns any claims, including accessory claims, of the customer against third parties arising from resale or any other legal ground to SKS for collateralisation, even insofar as the reserved goods are processed or installed. In the latter case the said assignment comprises the value of the reserved goods in proportion to that of the goods as a whole.

11.3 As long as the customer meets his payment obligations towards SKS, he is authorized to collect the claims assigned to SKS on behalf of SKS in his own name. At the request of SKS, the customer will inform about the status of the assigned claims at any time. SKS accept the assignment of claims.

- 11.4 SKS only bear the risk of non-delivery by third parties if the order has not been placed with the supplier in good time or if SKS can otherwise be held responsible for this.

#### Copyrights

- 12.1 The documents provided to the customer in the form of instruction manuals, illustrations, drawings and product descriptions are protected by copyright.
- 12.2 The customer may use the works protected by SKS only to carry out the contractual relationship. Further uses such as physical recycling or public display for purposes other than to carry out the contractual relationship are not permitted.
- 12.3 Instruction manuals, illustrations, drawings and product descriptions especially made for the customer must be returned unrequested if the contract is not concluded. The cost for the return – in particular shipping costs – must be paid by the customer.
- 12.4 The user has the non-exclusive right to use standard software and firmware in unchanged form with the agreed performance features and on the agreed devices. The purchaser may make a backup copy of the standard software without express agreement.

#### Liability

- 13.1 Insofar as nothing to the contrary arises from these terms and conditions including the following terms and conditions, SKS shall be liable in the event of a breach of contractual and non-contractual obligations in accordance with the statutory provisions up to the respective invoice amount and subject to the following provisions.
- 13.2 SKS is liable for damages - irrespective of the legal grounds - within the scope of fault liability in the event of intent and gross negligence. In the event of simple negligence, SKS is liable, subject to statutory limitations of liability (e.g. diligence in own affairs, insignificant breach of duty), only in the following cases
- ✓ for damage resulting from injury to life, body or health,
  - ✓ for damages resulting from the breach of a material contractual obligation (obligation, the fulfilment of which is essential for the proper execution of the contract and on the observance of which the contractual partner regularly relies and may rely); in this case, however, the liability of SKS shall be limited to compensation for the foreseeable, typically occurring damage.
- 13.3 The limitations of liability resulting from the above provisions shall also apply to third parties and in the event of breaches of duty by persons (also in their favor) for whose fault SKS is responsible according to statutory provisions. They do not apply if a defect has been fraudulently concealed or a guarantee has been assumed for the quality of the goods and for customer claims under the Product Liability Act.
- 13.4 Due to a breach of duty that does not consist of a defect, the customer can only withdraw from terminate the contract if SKS is responsible for the breach of duty. A free right of termination of the customer (in particular according to §§ 648, 650 BGB) is excluded. In all other respects the statutory requirements and legal consequences shall apply.
- 13.5 SKS is free to raise the objection to contributory negligence.
- 13.6 The statutory provisions apply to the limitation period.

#### Privacy and confidentiality

- 14.1 The customer and SKS are obligated to treat all confidential information obtained within the framework of the contractual relationship – especially business and trade secrets confidentially for an unlimited time. The recipient of confidential information is in particular prohibited making confidential information available to third parties or allowing third parties access to it.
- 14.2 The customer must ensure that the repair of hardware by SKS complies with the data protection regulations and in particular the formal requirements for order processing in accordance with Art. 28 GDPR.

#### Final clauses

- 15.1 Place of performance is the place of business of SKS.
- 15.2 German law applies exclusively, excluding the provisions of the UN Sales Convention.
- 15.3 The exclusive place of jurisdiction for all disputes arising from or in connection with the contractual relationship is the registered office of SKS.
- 15.4 Should a provision of this contract be or become ineffective, contain an inadmissible time limit or a gap, the legal validity of the remaining provisions remains unaffected.





Follow us.

# **skS**

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Sie haben Fragen zu einem Produkt oder planen ein Projekt? Wir beraten Sie gerne persönlich.  
Auch vor Ort unterstützen wir Sie jederzeit durch unsere SKS Fachberater.