

## Intercom systems for areas protected by glass barriers

**CROSS:talk**  
**CROSS:talk**  
comfort

Intercom systems for  
communication without  
contact in areas  
with glass dividers and  
aerosol barriers



**AUDIO**ropa

Microphone



»cross:talk«

External intercom  
»cross:talk comfort«

Internal intercom  
»cross:talk comfort«



Talk button

Text key

Loudspeaker

Microphone connection

Status display

Level switch

»cross:talk« / »cross:talk comfort«

»cross:talk« is an intercom system for contactless dialogue in areas with protective glass dividers and aerosol barriers.

The »cross:talk« and »cross:talk comfort« systems are characterised by high speech intelligibility and simple operation.

»cross:talk comfort« additionally provides two pre-defined announcements that can be called up at the touch of a button.

While »cross:talk«, the silver-coloured basic system, has slightly raised and »haptically present« push-buttons with assigned LEDs, »cross:talk comfort« is operated by means of touchkeys.

Anwendungskomfort

»cross:talk« systems are very easy to operate and have convenient automatic functions. The internal DSP signal processing adjusts the volume accordingly to the respective meeting distance. Both systems detect ambient noise and reduce its influence on the speech signals. The efficient Class-D amplifiers ensure clear and powerful sound with high speech resolution. No further adjusting is required during the dialogue.

Expansion options

In addition to the power supply and the link for the external microphone unit, the internal microphone unit also provides an audio output via a central connection cable. This allows connection to an inductive hearing system for wireless speech transmission to hearing aids or cochlear implant systems.

»cross:talk« – possible areas of application

The system is designed for use in areas where glass partition panes are installed to protect against contact for hygienic reasons, and where excellent audio understanding between the communicating parties plays a central role. These include bank and post office counter areas, hotel receptions as well as medical and cultural facilities, information, advisory and sales counters in the transport sector or contact and visiting rooms in penitentiary facilities.

»cross:talk« – Features

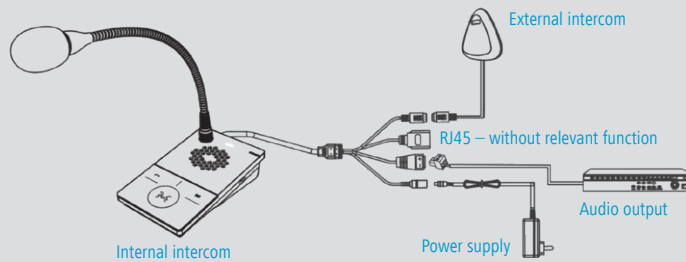
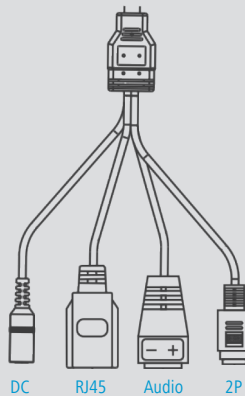
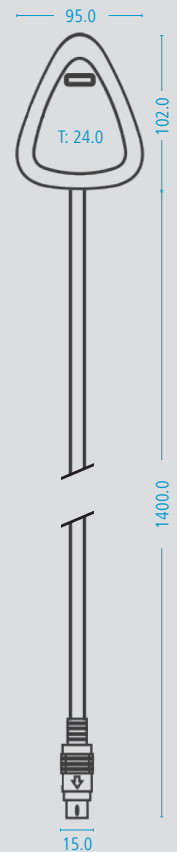
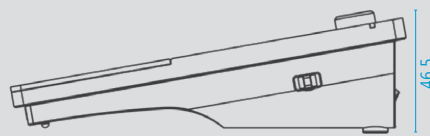
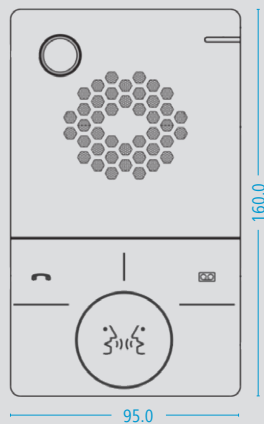
- DSP-based signal processing
- No clicking noises in the loudspeakers due to touch keys or push buttons
- Automatic functions: Volume adjustment according to the respective meeting distance, reduction of ambient noise
- Three selectable volume levels for different environments
- Connection of microphone units via a single cable
- Optional: Playback of individually stored welcome and farewell announcements corresponding to the respective area of use (only with »cross:talk comfort«)
- Remote supervisor intercom via one-button call
- Integrated component self-test
- Status control LEDs

»cross:talk«	article no.: A-5810-0
»cross:talk comfort«	article no.: A-5800-0
Power supply and consumption:	12 V DC / 1.5 A
Power consumption:	≤ 5 W
Signal-to-noise ratio:	≥ 90 dB
Frequency response:	20 Hz - 16 kHz
Operating temperature	-10 °C - 55 °C
Humidity:	≤ 90% rH (non-condensing)
Connections:	Mains connection, unbalanced audio output, RJ45 (without function), external microphone unit
Gehäusefarben	»cross:talk«: matt silver / »cross:talk comfort«: black
Dimensions / weight:	Internal unit: 160 x 95 x 46.5 mm / 0.44 kg External unit: 102 x 83 x 24 mm / 0.2 kg

Subject to change without notice

## cross:talk / cross:talk comfort - Dimensions

All dimensions in mm



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