

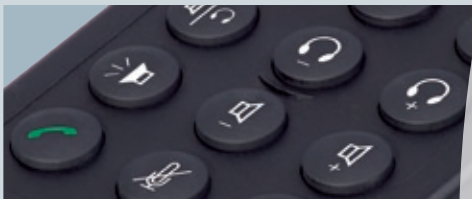
Commend Desktop Counter Intercom Systems

GEC 880

Excellent digital communication at the counter.

State-of-the-art communication systems are required wherever glass or walls form barriers between staff and the general public.

Commend digital desktop counter Intercom systems fulfil the widest variety of requirements – from security solutions in banks to ski-lift stations and ticket counters to isolation wards in hospitals.



Non-verbal pictograms



Adjustable microphone sensitivity

FEATURES AND BENEFITS

- Excellent speech clarity, even under the most difficult acoustic conditions
- Simultaneous speaking and listening in both directions
- Keypad with easily understandable, non-verbal pictograms
- Exceptionally high volume (15 W) in the public area, additional loudspeakers can be connected
- Ports for a large number of peripheral devices (Headset, etc.)
- Suitable for communication hatches of any size
- Continuous adaptation to the acoustics of the room
- Any number of desktop counter Intercom systems can be operated side-by-side
- Easy and quick installation
- State-of-the-art DSP technology
- Future proof, via firmware updates



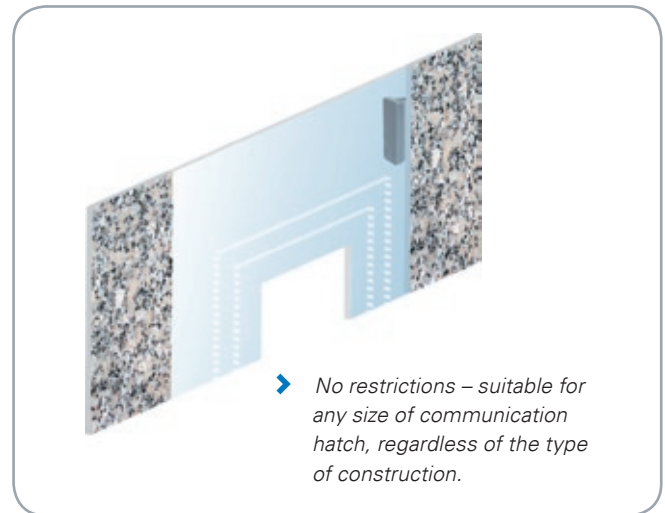
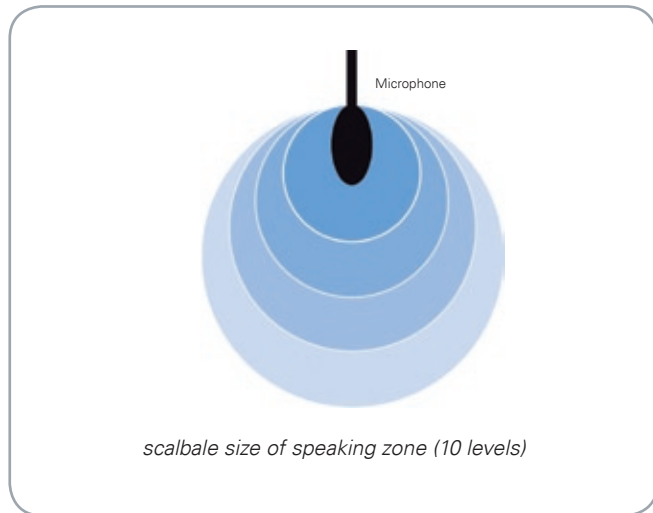
SECURITY AND COMMUNICATION

Multifunctional, individual and expandable.

GEC 880 DESKTOP COUNTER INTERCOM SYSTEM

State-of-the-art communication systems are required wherever glass or walls form barriers between staff and the general public. Despite the existence of such barriers, natural and personal speech comprehension should be possible.

Commend digital counter Intercom systems satisfy these requirements completely. Thanks to the digital signal processor control, naturally sounding speech and full comprehension are guaranteed under all conditions.



Protection for people and property.

TYPICAL APPLICATIONS

With numerous expansion options and accessories for Commend desktop counter Intercom systems, even complex tasks can be accomplished in an individual and future-proof manner.

- Communication between acoustically separated areas, for example by glass panels or walls:
Ticket, information and money dispensing counters, porters lodges, box offices, etc.
- Increased security for supervisory personnel:
Passport controls, night security offices, embassies, local authorities, reception desks, security checks, etc.
- Protection against temperature fluctuations, risk of infection, radiation:
Ski lift stations, waiting rooms, workstations in hospitals, etc.
- Protection against constant noise and dirt:
Toll stations, pass-thrus for goods, etc.

The ideal call station for every application.

BASIC COUNTER INTERCOM STATIONS

The modular construction of the system allows any number of desktop counter Intercom systems to be combined into one unit. The basic unit is a digital Intercom station, which is available in two different versions (with and without goose neck). Therefore it is very simple to select the optimum call station for every counter requirement.

Technical details: Connections: RJ 45 port for outdoor microphone, outdoor loudspeaker, call button/proximity switch and RJ 10 port for a headset/handset. Integrated amplifier with 10/15 W output power; Frequency range 200 Hz to 15 kHz. One input for floating contact. Connection option for additional amplifiers, e.g. induction loop amplifiers.

GEC 881

Digital desktop counter call station with plastic reinforced silicon keypad and built-in microphone with omnidirectional characteristic for unrestricted speech. Keypad with 15 keys, printed with easily understood non-verbal pictograms. Extent of supply: Wall mounting box for surface mounting, 3 m connection cable. Further accessories must be ordered separately.

Measurements: W 66 mm, H 55 mm, D 230 mm
Weight: 280 g

Colour: Black



GEC 882

Digital desktop counter call station with plastic reinforced silicon keypad, anti-tilt device and cardioid type goose neck microphone. Keypad with 15 keys, printed with easily understood non-verbal pictograms. Extent of supply: Wall mounting box for surface mounting, 3 m connection cable. Further accessories must be ordered separately.

Measurements: W 179 mm, H 280 mm, D 230 mm
Weight: 440 g

Length of goose neck: 422 mm
Colour: Black



Expansion options.

ACCESSORIES

PA 20W15V

Plug-in power supply.

Available for: EU, UK, AUS, US

20 W high-efficiency switched-mode power supply. Primary: 90-264 VAC;
Secondary: 15 VDC, 1.33A; Output: 2.1 mm coaxial plug

Measurements: W 42 mm, H 106 mm, D 76 mm

Weight: 175 g

Colour: Black



Actual item may differ from photo.

AL 10

Compact, high-efficiency column speaker. Weatherproof polyamide housing for indoor and outdoor use. Can be rotated and tilted. Mounting bracket included.

Frequency range 220 to 16,000 Hz; 10/15 W output power; Sound pressure 94 dB/W/m (1 kHz);
Max. sound pressure 110 dB; Impedance 16 Ohm.

Measurements (including bracket):
W 100 mm, H 300 mm, D 98 mm

Weight: 1,600 g

Colours: Black, White



MIC Q400

Miniature, cardioid-type extension microphone. Housing made of impact-resistant and distortion-free plastic, can be bonded to a flat surface. Improved acoustics.

Sensitivity 15 mV/Pa; directional effect with hypercardioid to the front;
Frequency range 100 Hz - 8 kHz; Cable length 2.8 m (shielded).

Measurements: W 24 mm, H 13 mm, D 42 mm

Colour: Black



Expansion options.

ACCESSORIES

MIC 480		
Omnidirectional built-in electret microphone for use with glass panes or aluminium panels up to 10 mm thick. Weather resistant (IP-rating IP 53). Type MIC 480G in grey, type MIC 480S-10 in black with cable length of 10 m.		
Sensitivity 5.6 mV/Pa; Omnidirectional response pattern; cable length 4 m or 10 m (shielded).		
Measurements: Diameter 14 mm x D 20 mm	Colour: Black, Grey	
HS 1		 <small>Actual item may differ from photo.</small>
Lightweight, wired headset with two large padded earpieces for good comfort. Noise cancelling microphone suppresses ambient noise. Robust construction, suitable for everyday use.		
Weight: approx. 50 g	Colour: Black	
ILS 1		  <small>Actual item may differ from photo.</small>
Universal induction loop amplifier set, for small supply areas (up to 5 m ²), consisting of loop amplifier and loop antenna.		
Compliant to EN 60118-4. Frequency range: 100 to 7,000 Hz.		
Measurements: W 140 mm, H 22 mm, D 65 mm	Weight: approx. 300 g	
KABJTAG3		
Cable for firmware update of call stations GEC 881 / GEC 882 via PC. Connection to parallel port of PC.		
DB-25 parallel port connector (male) to 6-pin header connector (female).		
Cable length: 150 cm	Weight: 73 g	

ADVANTAGES AT A GLANCE

- Easy and quick installation
- Simple operation: speak and listen simultaneously in both directions
- High output volume (15 W)
- Excellent speech clarity even under the most difficult acoustic conditions
- Separate volume controls for outside and inside zones
- Size of microphone sensitivity area separately adjustable for outside and inside zones
- Connectors for microphone, loudspeaker, headset, etc.
- Line output for induction loop amplifier and additional power amplifier
- Signal port for proximity switch, call button, expansion box, etc.
- Monitoring option with internal microphone switched off
- Automatic muting: automatic shutdown after 20 seconds without voice communication
- Optional proximity switch: activated as soon as customers approach the counter
- Turbo-Button for temporary increase of outside-volume
- Suitable for any size of communication hatch
- Any number of desktop counter Intercom systems can be operated side-by-side, distance independent and without feedback
- Subsequent extension of performance characteristics, via firmware updates

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