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## Features

- Open duplex
- Push-to-talk
- Headset interface
- Speech key control via footswitch
- Music input
- Recording possibility
- AEC (Automatic echo cancellation)
- NR (Noise reduction)
- NG (Noise gate)
- Individual volume control for loudspeaker / microphone/ headset / audio via +/- keys
- Balanced microphone inputs

## Technical Data

Voltage/power .....	15VDC/700mA
Maximum power consumption (limited by power supply) .....	<15W
Power consumption in OFF-mode .....	<0.15W
Maximum output impedance (no continuous operation) at 8Ω/channel .....	5W
Minimum loudspeaker impedance .....	8Ω
Audio IN-input level/input impedance .....	max. 100mV <sup>(1)</sup> /2kΩ
REC OUT-output level/output impedance .....	max.3V <sup>(2)</sup> /2kΩ
Temperature : .....	10 - 40 °C
Humidity: .....	20 % to 75 % (non condensing)
Air pressure: .....	700 hPa to 1060 hPa

<sup>(1)</sup> Connect Audio IN to the headphone jack of the audio source.

Tune output level of the audio source in such a way that in case of maximum volume overmodulation of the intercom system is avoided.

<sup>(2)</sup> This value depends on the volume set, on the speech volume and on the distance to the microphone.



## PUBLIC III CE

## Intercom System Comfort Edition

## Service and Installation Instructions



## Delivery Contents Intercom System



Intercom console  
colour RAL 7035 (40.054.454)  
Label 32.054.015 40.054.801



Central unit  
colour RAL 9010 (40.054.453)  
Labels 32.054.013 and 32.054.014 40.054.811



Surface mounted loudspeaker 6W / 20Ω  
colour RAL 9010, label 32.054.005  
cable outlet top/bottom (40.006.174) 40.006.173



Omnidirectional microphone EM 158 in ABS housing  
colour RAL 9010, label 32.054.007, 1 m cable with RJ45  
plug 40.054.470, label 32.054.046, wall/ceiling holder  
40.005.094, cover plate 06.054.06 40.005.171



Power supply GPP10 Medical, 100-240V ~  
50-60Hz, 2m cable, label 32.054.031 40.054.800



Primary adapter ROW 08.052.05



Power cable EU, 2m, labels 32.054.032/033 40.054.834



Power cable USA, 2m, labels 32.054.132/133 40.054.835



Power cable UK, 2m, labels 32.054.232/233 40.054.836



Patch cable KAT5e, 30cm  
Labels 32.054.041 and 32.054.042 40.054.837



Patch cable KAT5e, 3m (3)  
Labels 32.054.036 and 32.054.037 40.054.825



Patch cable KAT5e, 3m (2)  
Labels 32.054.034 and 32.054.035 40.054.826



Intercom T-Adapter, label 32.054.006 40.054.833



RJ45 connector, label 32.054.009 40.054.841



Microphone extension cable KAT5e, 20m  
Labels 32.054.045 and 32.054.047 40.054.842



Loudspeaker cable KAT5e, 20m  
Labels 32.054.043 and 32.054.044 40.054.843



Audio cable, 2m (2x) 11.054.02

## Delivery Contents Footswitch<sup>(3)</sup>



Footswitch STEUTE KF 1S  
with 2m cable and RJ45 plug  
Labels 32.010.22 and 32.010.23, 32.054.040 40.054.422



Footswitch T-Adapter 40.054.838



Patch cable KAT5e, 30cm  
Labels 32.054.038 and 32.054.039 40.054.839

<sup>(3)</sup> For AX the footswitch is included in the delivery of the intercom system and should be connected.

For XP the footswitch can be obtained as an optional accessory.

<sup>(4)</sup> Use hook-and-loop fasteners only on suitable surfaces (adhesion)!

## Delivery Contents Mounting Material



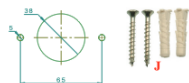
### Service and Installation Instructions

German

35.054.011

English

35.054.012



Mounting material for microphone ceiling fixation:  
drilling template

35.054.006

2 counter-sunk screws 3,5x30mm + 2 wall plugs 5x25mm

40.054.844



Mounting material for central unit:

4 screws 3,5x35mm, 4 wall plugs 5x25mm

40.054.827

4 screws 3,5x16mm

40.054.829

2 hook-and-loop fasteners<sup>(4)</sup>

40.054.830



Mounting material for loudspeaker:

4 screws 3,5x35mm, 4 wall plugs 5x25mm

40.054.827

2 screws 2,9x16mm, 2 decorative caps

40.054.831

cable ties 100mm

40.054.832



Mounting material for power supply:

hook-and-loop fastener<sup>(4)</sup>

40.054.830

## Positioning of the Components Microphone, Loudspeaker and Intercom Console



### Microphone:

- ceiling fixation
- as close to the user's working position as possible
- avoid collision with other components suspended from the ceiling



### Loudspeaker:

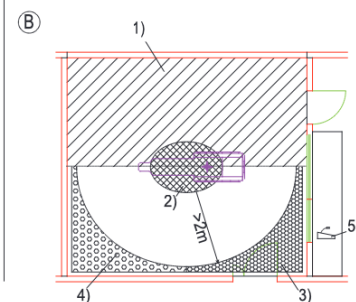
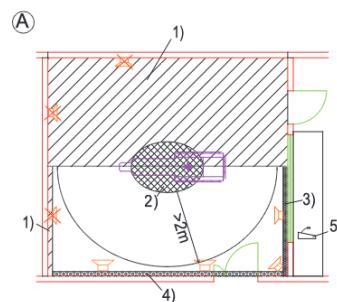
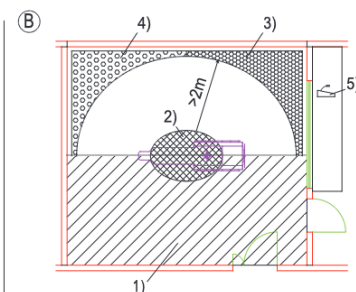
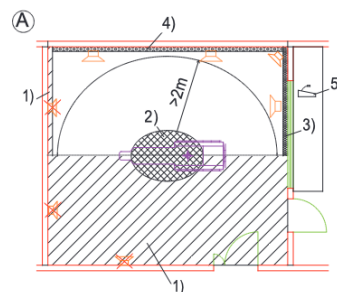
- the loudspeaker must not be installed in the hatched area (pos. 1) to avoid interferences
- preferably the loudspeaker has to be installed on the wall
- installation height >2m
- avoid loudspeaker radiation towards the control room door
- distance microphone / loudspeaker >2m
- the greater the distance, the better the transmission quality



### Intercom Console:

- the intercom console has to be placed as far from the control room door as possible

Maximum speech distance to the microphone: 10 cm



Pos. A Wall fixation of the loudspeaker

Pos. B Ceiling fixation of the loudspeaker

Pos. 1 Prohibited fixation area for the loudspeaker

Pos. 2 Wall fixation of the microphone

Pos. 3 Privileged fixation area of the loudspeaker

Pos. 4 Optional fixation area of the loudspeaker

Pos. 5 Intercom console in the control room