# DS-6
# IP Panel-mounted Call Station

## Individual modules with up to 48 push-to-talk buttons

| DS 6 | TIMM modular | scalable | Included | Slot for text memory | 8 Ω Broadband loudspeaker | 12 kHz | |

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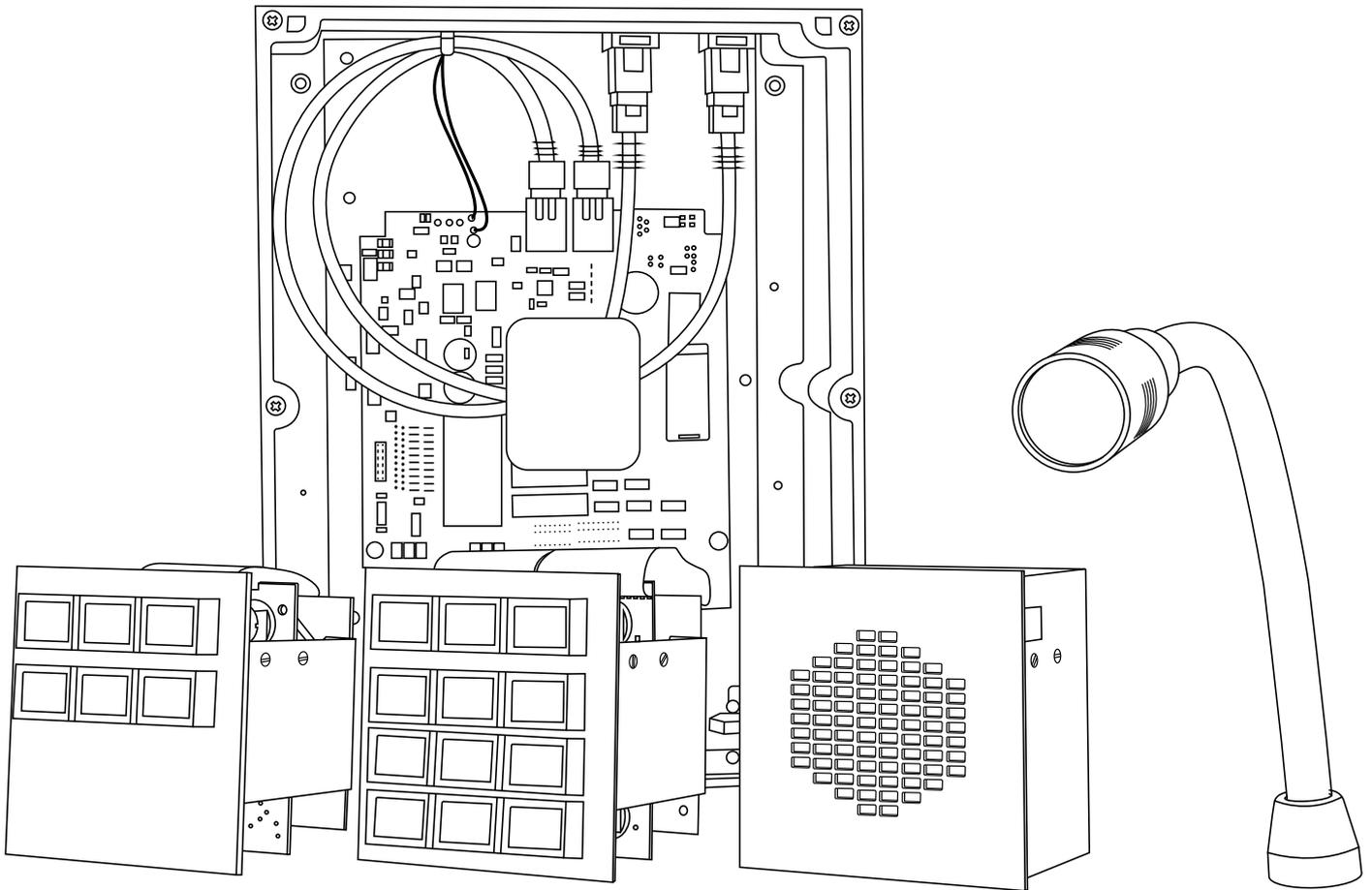
# Established Neumann Elektronik quality

**Up to 48 push-to-talk buttons**

**Integrated full range speaker, 1 W / 8 Ω**

**Gooseneck electret microphone (420 mm or 550 mm)**

**High speech intelligibility (12kHz bandwidth)**

**Free key assignment as WL target keys or for local functions**

**Functions configurable through DS-6**

**Switch to off or low volume (low volume of 12 dB)**

**Direct speech connections via key-controlled line selection**
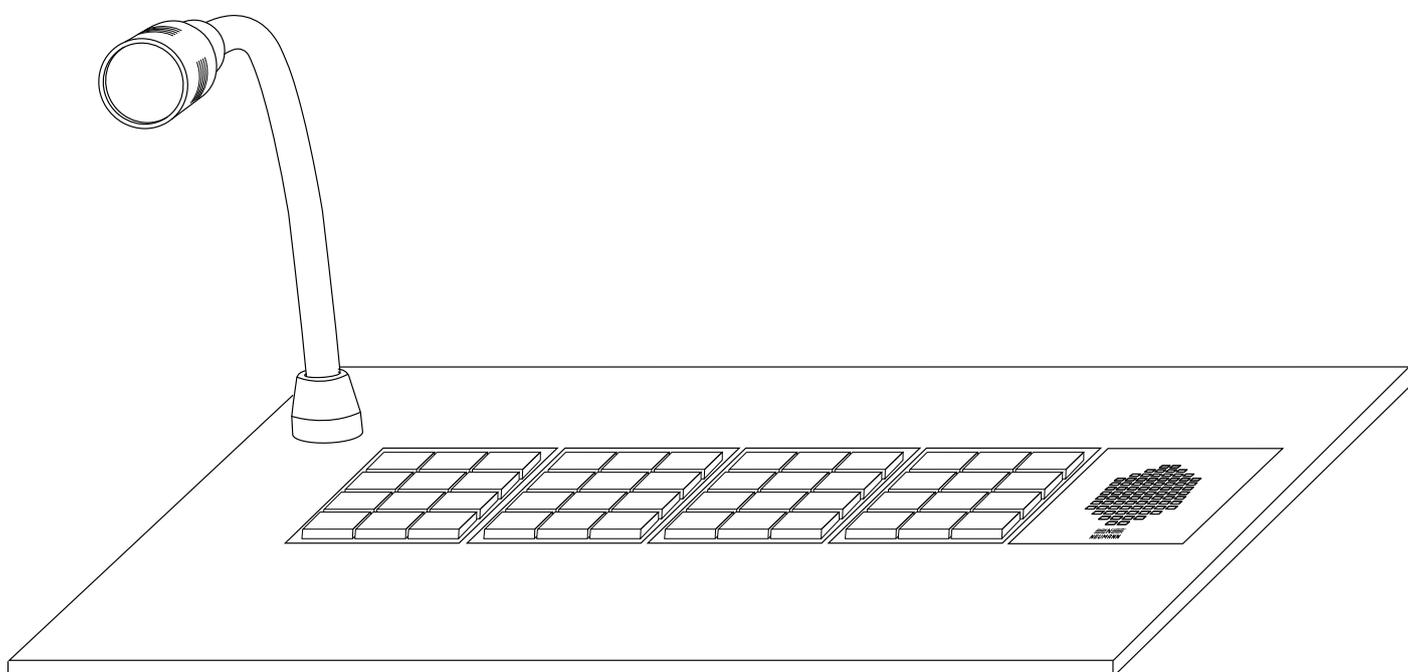
**Microphone surveillance**

**Slot for text memory**

**Low line expenditure**

**USB stick as speech storage optionally available**

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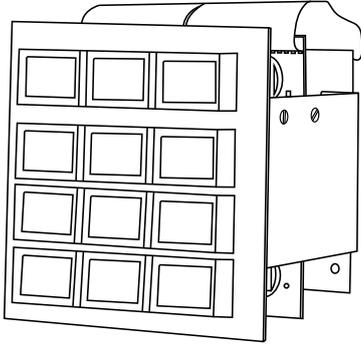© **Neumann Elektronik GmbH**          **Ver. 14.07.21 19:17**

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**Example setup**

# DS-6
# IP Panel-mounted Call Station
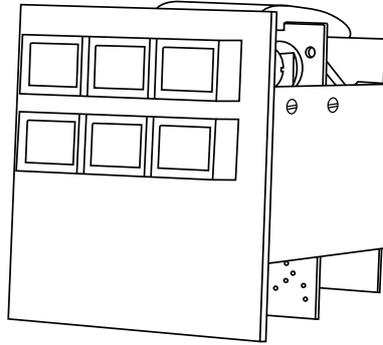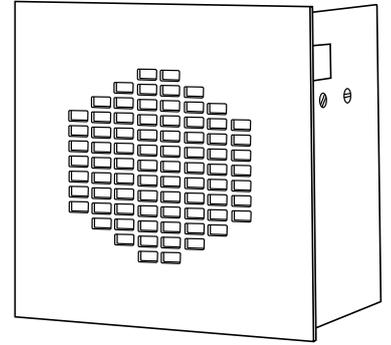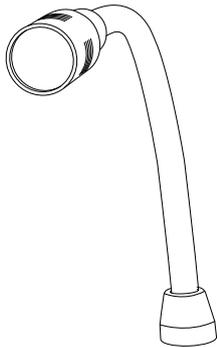
# DS-6
# IP Panel-mounted Call Station

**Switch plate
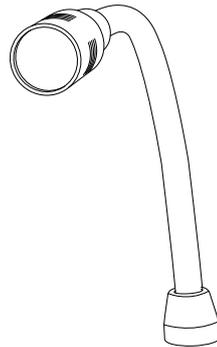with 12 keys
Art.-No. 1 287 8**

**Switch plate
with 6 keys
Art.-No. 1 286 7**

**Flush-mounted loudspeaker
1 W / 8 Ω
Art.-No. 1 214 8**

**Flexible gooseneck
electret microphone (approx. 420 mm)
Art.-No. 1 288 9**

**Flexible gooseneck
electret microphone (approx. 550 mm)
Art.-No. 1 289 0**
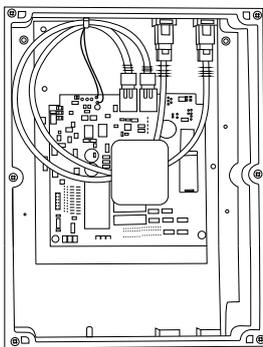
**Electronic and terminal housing
(up to 12 keys)
Art.-No. 1 282 3
(up to 48 keys)
Art.-No. 1 283 4**

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The DS-6 Panel-mounted Call Station allows direct voice communication with other call stations. It can also be used for loudspeaker announcements and even for programmable local functions. The panel-mounted call station enables the assembly of call stations into switch boards and control consoles of control rooms.

The functions of the DS-6 Panel-mounted Call Station are consistent with the DS-6 desktop call station but it is subdivided into single hardware modules. It consists of a switch plate with push to talk buttons, flush-mounted loudspeaker, gooseneck microphone and a separate housing for electronic components and connectors. The switch plate and the flush-mounded loudspeaker are built in standard housings of 96 mm x 96 mm. They match to the assembly holes according to IEC 61554.

In addition to the destination keys for intercom / PA, the DS-6 Panel-mounted Call Station consists of a volume control function as well as a speech memory. A USB stick is used as speech memory and it is attached at the circuit board inside of the electronic housing. This USB stick provides standard tones and texts. Additionally, it can be loaded with customized announcements, tone sequences or other audio files which can be played back by pressing a key.

## Hardware modules

| | |
|---|---|
| 1 286 7 | Switch plate with 6 keys |
| 1 287 8 | Switch plate with 12 keys |
| 1 214 8 | Flush-mounted loudspeaker |
| 1 288 9 | Gooseneck electret microphone (approx. 420 mm) |
| 1 289 0 | Gooseneck electret microphone (approx. 550 mm) |
| 1 282 3 | Electronic and terminal housing up to 12 keys |
| 1 283 4 | Electronic and terminal housing up to 48 keys |
| 21 4 1143 001 7 | USB stick. Includes standard tones and texts. It can also be loaded with customised announcement texts, or audio files, which can be played back at the touch of a button. |

## Physical data

| | |
|---|---|
| Dimensions of housing for electronic components and terminals | 110mm x 230mm x 300mm |
| Length electret Gooseneck microphone | 420mm / 550mm |
| Weight | Approx. 3,5kg |

## Technical data

| | |
|---|---|
| Network interfaces | 2 |
| Power supply | Via network connection 1: Power over Ethernet in conformity with IEEE 802.3af<br>Via AC adapter: 24 V DC -10/+15 %<br>Centralized power supply: 48 V -10/+15 % |
| IP hardware interface | LAN: 100-BASE-T Autonegotiation<br>Ethernet: Ethernet in conformity with IEEE 802.3u (100Mbit/s) |
| Frequency range | 100Hz...12kHz |
| Transmission protocol | IP: Neumann DS-6 protocol |

## Environmental data

| | |
|---|---|
| Admissible temperature range | 0... +50°C |
| Protection class | IP20 acc. to DIN EN 60529 |

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**neumann-elektronik.com/system-overview**

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