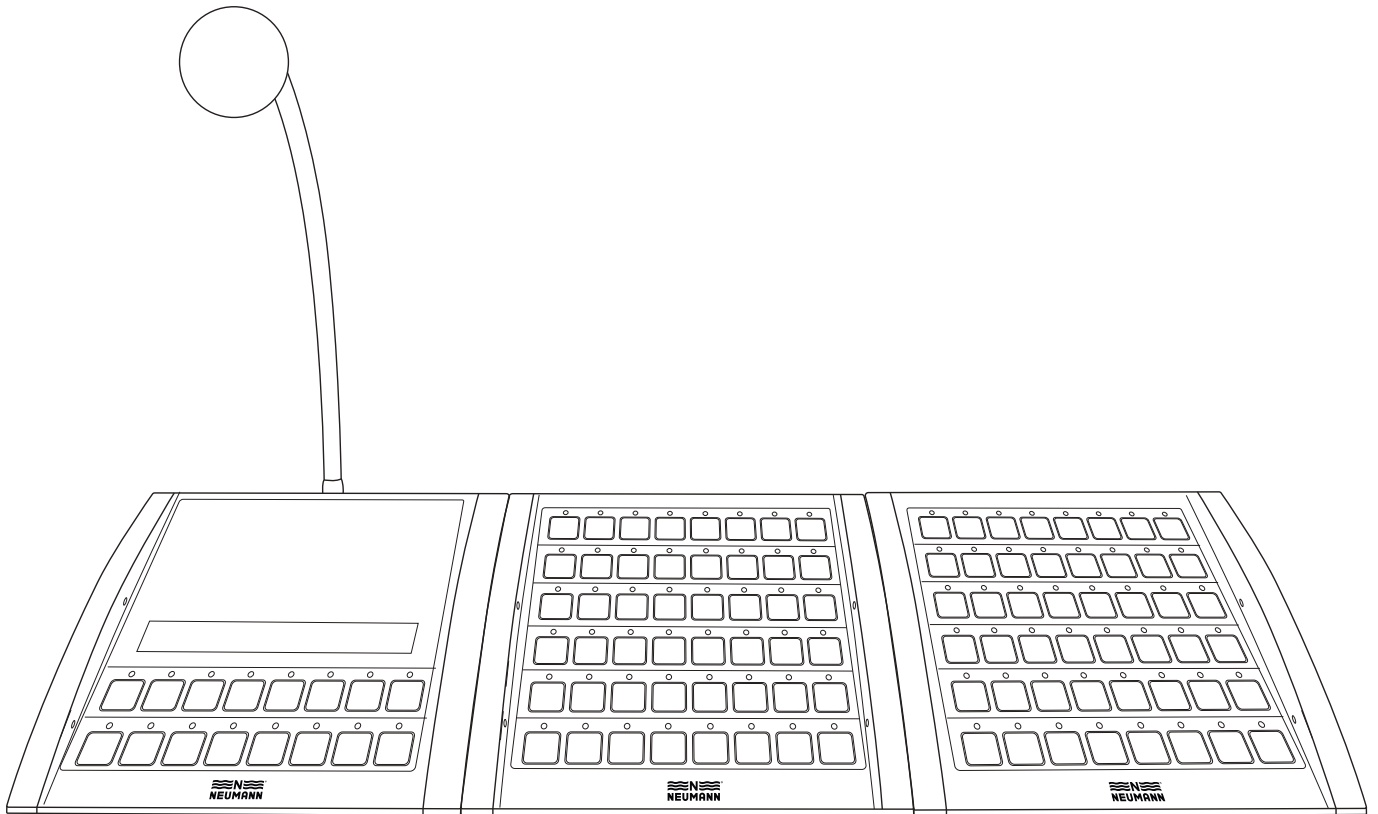
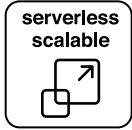
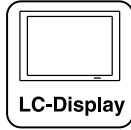
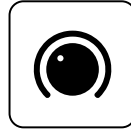
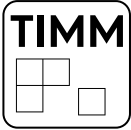


Overview

# MTSD DS-6 IP42 Call Station

## with up to 112 keys



# 1 08X X

MTSD DS-6 IP42 Call Station  
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# Established Neumann Elektronik quality

Direct speech connections via key pushbuttons line selection

Functions configurable by DS-6 / TIMM

High speech intelligibility (12kHz band width)

Free key configuration as intercom destination keys  
or for local functions

Flexible gooseneck electret microphone (300mm)

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

Low wiring required

Integrated full range speaker, 8Ω

Up to 112 key pads with LED signalling

Impact and break resistant ABS plastic housing

Illuminated 2-line LC display

Microphone monitoring

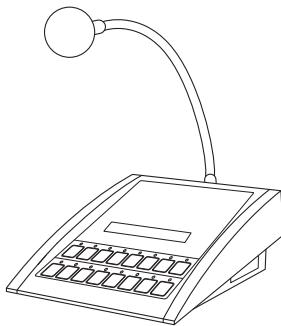
Two Ethernet ports for redundant network setup

The MTSD DS-6 IP42 Call Station is used in the decentralized communication system DS-6.

It allows direct calls to other call stations, make loudspeaker announcements and also programmable local functions. A built-in display offers additional display options for status and error messages in plaintext. The call station has 16 keys. These can be extended up to 64 respectively 112 keys by suitable additional housing. Beside the destination keys, the call station has also a volume control as well as a speech memory. It meets all requirements of a dispatcher station.

An optional USB stick that is inside the call station on the circuit board serves as speech memory. 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.

Normally, the call station is powered by Power over Ethernet. If a local power supply is required, several AC/DC adapters are available (see Accessories).



**MTSD DS-6 IP42, 16 Keys**  
**Art.-No. 1 085 4**

**Physical data**  
**MTSD DS-6 IP42**  
**Call Station**

Dimensions (H x W x D)	88mm x 183mm x 260mm
Number of key pushbuttons	16
Weight	Approx. 1.1kg
Colour top / base	Oyster white (RAL 1012) and graphite black (RAL 9011)

**Technical data**  
**MTSD DS-6 IP42**  
**Call Station**

Power supply	Via network interface 1: Power over Ethernet in conformity with IEEE 802.3af AC adapter: 24V DC -10/+15 % centralized power supply: 48V -10/+15 %
Frequency range	100 Hz ... 12 kHz
Power consumption	5W
Maximum power consumption	10W
IP Hardware interface	LAN: 100-BASE-T Autonegotiation Ethernet: Ethernet in conformity with IEEE 802.3u (100 Mbit/s)
Transmission protocol	IP: Neumann-DS-6 protocol

**Environmental data**

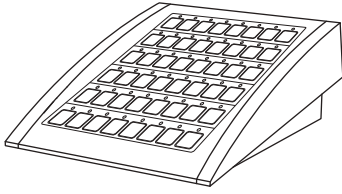
Admissible temperature range	0°C up to +50°C
Protection class	IP42 according to DIN EN 60529

**1 08X X**

MTSD DS-6 IP42 Call Station  
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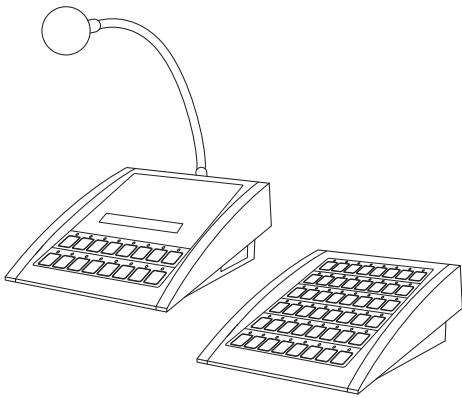
**MTSD DS-6 IP42 Additional housing  
Art.-No. 1 087 6**

MTSD DS-6 IP42 Call Stations can be expanded to up to 112 keys by flanging on max. 2 additional housings.

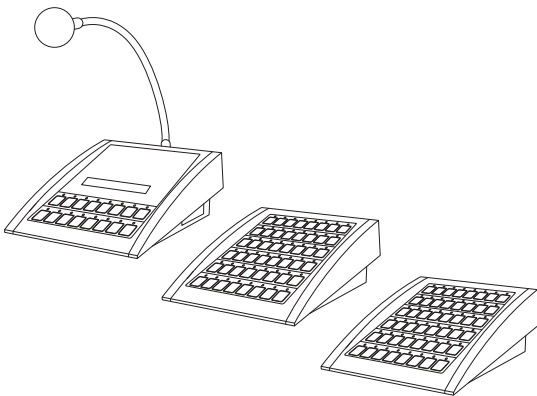
**Features:**

- Impact-resistant and unbreakable ABS plastic housing
- Incl. accessories for flanging onto the basic housing

Art.-No.	1 087 6
Number of key pushbuttons	48
Dimensions (H x W x D)	88mm x 183mm x 235mm
Weight	Approx. 0.8 kg
Colour top / base	Oyster white (RAL 1012) and graphite black (RAL 9011)
Admissible temperature range	0°C...+50°C
Protection class	IP42 according to DIN EN 60529



**MTSD DS-6 IP42, 64 Keys  
Art.-No. 1 085 4 with one 1087 6**



**MTSD DS-6 IP42, 112 Tasten  
Art.-No. 1 085 4 with two 1087 6**

**1 08X X**

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## MTSD DS-6 IP42 Accessories

Art.-No.	Article	Description
21 4 1143 001 7	USB Stick	Provided standard sounds and texts
21 4 1516 024 6	Name plates for lettering	DIN A4
22 9 9901 085 5	Software for key stripe lettering	For PC with laser printer
22 3 0101 045 8	AC/DC Adapter Euro	With Euro connector
22 9 0301 045 6	AC/DC Adapter International	With additional connector adapters for UK, USA and Australia
22 3 0401 045 1	AC/DC Desktop Adapter	For international using with IEC320-C14 connector for adapting country-specific supply cable
91 3 1116 838 7	Power over Ethernet Injector	For PoE powering if no PoE switch is available
99 9 1980 002 7	Supply cable for AC/DC desktop adapter	IEC320 supply cable with C14 connector for the European market



Our products and systems at a glance under:  
[neumann-elektronik.com/system-overview](http://neumann-elektronik.com/system-overview)



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