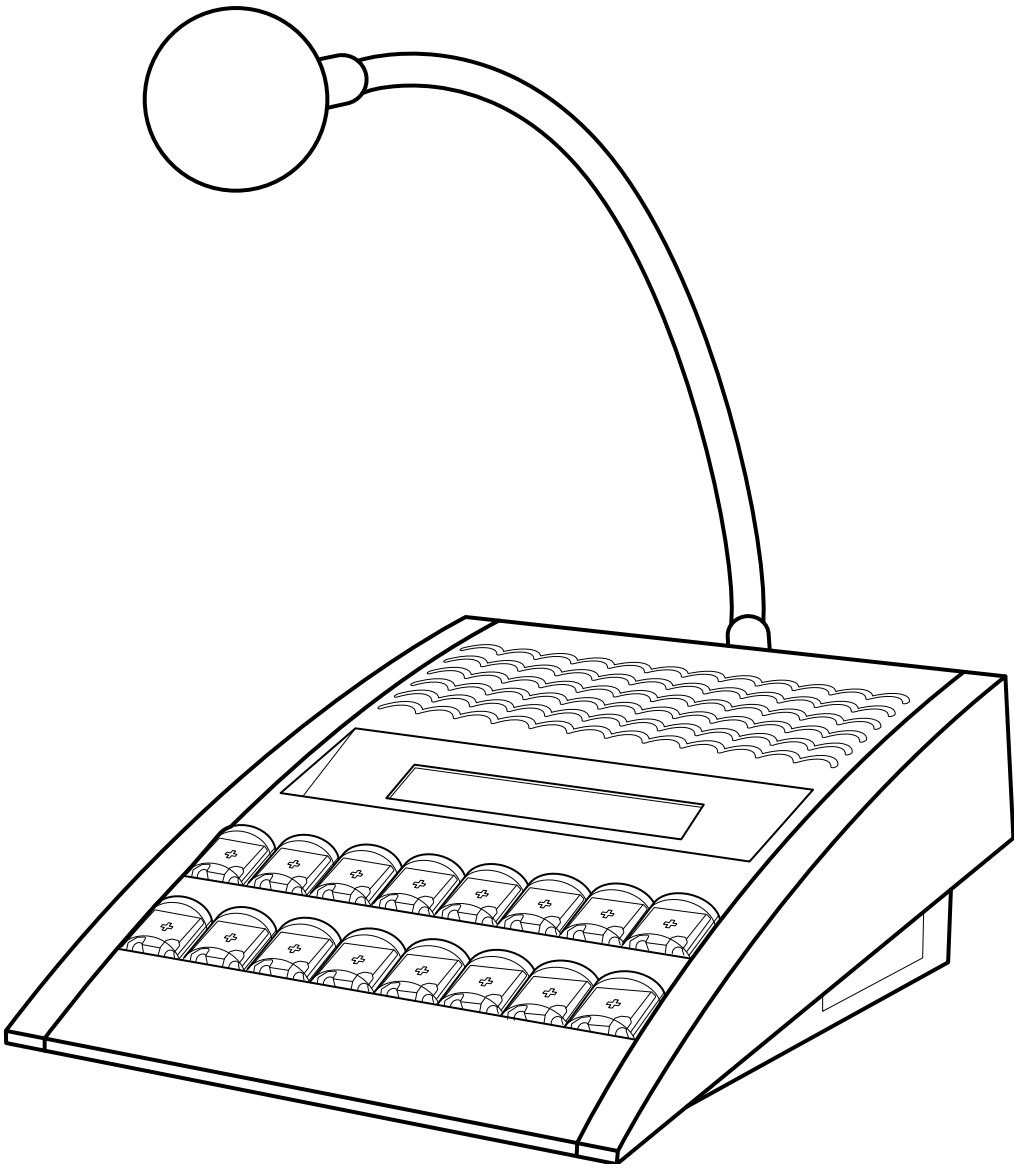
Overview

MTSD DS-6 IP Call station

with optional MTSD additional housing



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Specifications and product information may vary or be changed without prior notice.

Established Neumann Elektronik quality

Direct speech connections via key-controlled line selection

Functions configurable through DS-6

High speech intelligibility (12kHz bandwidth)

Free key assignment as WL destination keys or for local functions

Microphone monitoring

Slot for text memory

Low wiring requirements

Integrated broadband loudspeaker, 8 Ω

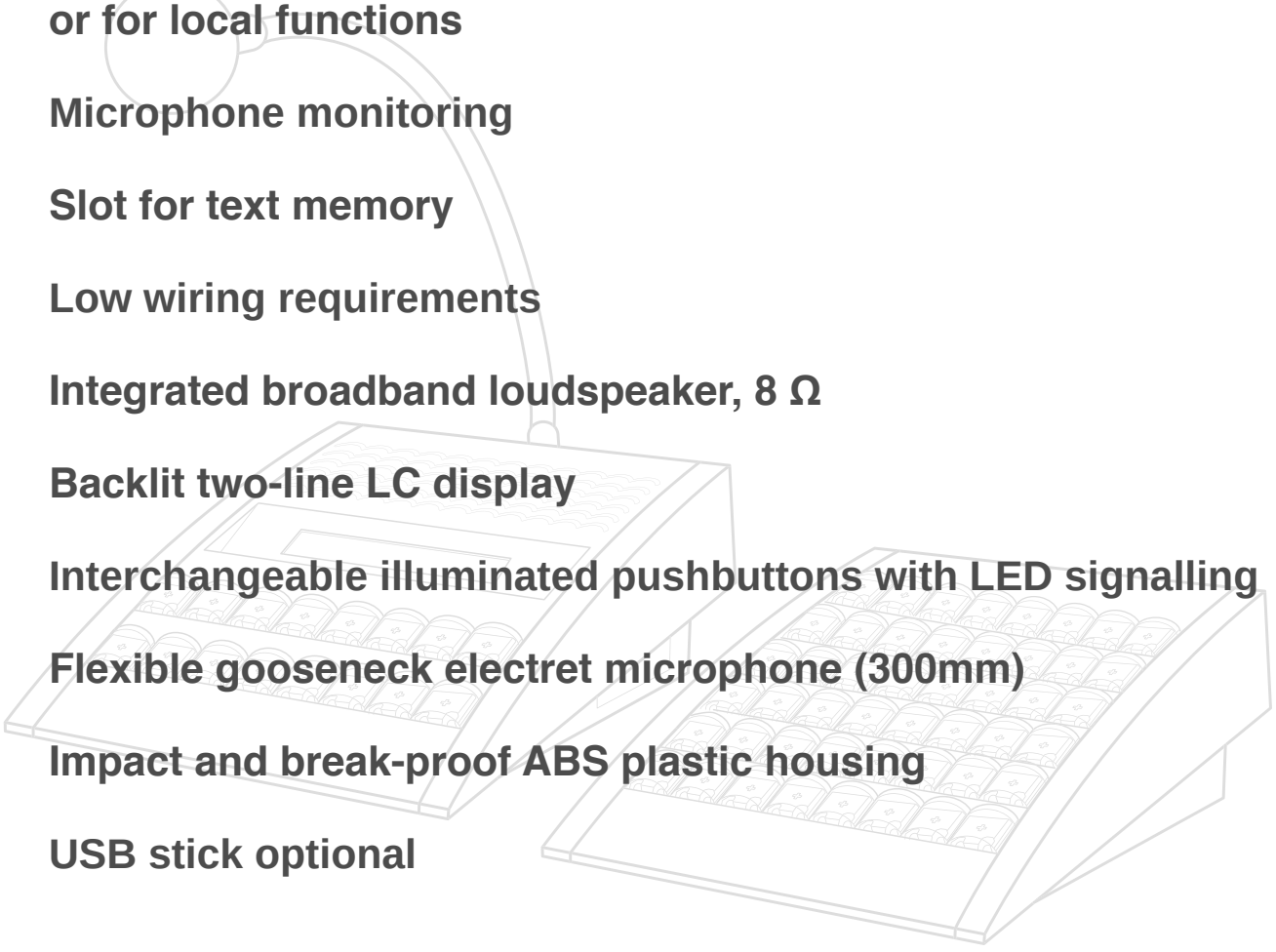
Backlit two-line LC display

Interchangeable illuminated pushbuttons with LED signalling

Flexible gooseneck electret microphone (300mm)

Impact and break-proof ABS plastic housing

USB stick optional



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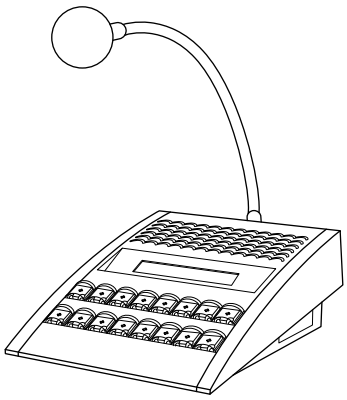
The MTSD DS-6 call station is used in the decentralised DS-6 communication system.

It enables direct speech connections with other call stations, loudspeaker announcements and also programmable local functions. A built-in display offers additional display options for status and fault indications in plain text. The call station has 16 line keys. The station has 16 line keys, which can be extended to 64 or 112 line keys by means of suitable additional housings.

The station has - in addition to the destination keys for WL/EL - a volume control and a voice memory. A USB stick (art. no. 21 4 1143 001 7) is available as voice memory, which is located inside the call station on the printed circuit board. This USB stick contains standard tones and texts and can also be loaded with customer-specific announcement texts, tone sequences or audio files and thus played back at the touch of a button. If a local power supply is required, various plug/table power supplies are available (see accessories in description no. 18 4 0101 045).



MTSD DS-6, 16 button
Item no. 1 045 0

Item no.	1 045 0
Number of illuminated pushbuttons	16
Dimensions (H x W x D)	88 x 183 x 260 mm
Weight	approx. 1.1 kg
Colour upper part of housing / base plate	pearl white (RAL 1012) / graphite black (RAL 9011)
Power supply	Via network connection 1: Power over Ethernet according to IEEE 802.3afPlug-in power supply: 24V DC -10/+15 %Central power supply: 48V -10/+15
Nominal power consumption	5 W
Maximum power consumption	10 W
Frequency range	100 Hz … 12 kHz
IP hardware interface	LAN: 100-BASE-T AutonegotiationEthernet: Ethernet according to IEEE 802.3u (100 Mbit/s)
Transmission protocol	IP: Neumann DS-6 protocol
Permissible temperature range	0°C …+50°C
Protection class	IP20 according to DIN EN 60529

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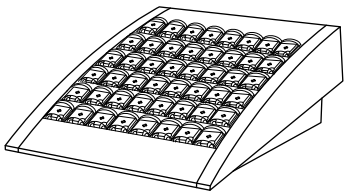
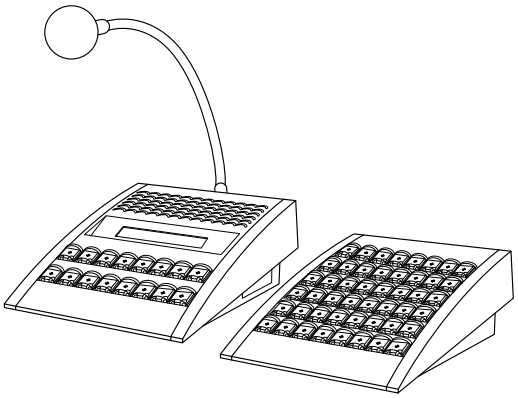


MTSD additional housing
item no. 1 047 2

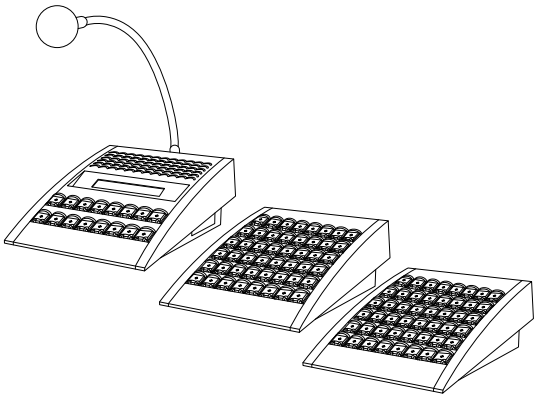
MTSD DS-6 call stations can be expanded to up to 112 keys by flanging on max. 2 additional housings.
Features:

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

Item no.	**1 047 2**
Number of illuminated pushbuttons	**48**
Dimensions (H x W x D)	**88 x 183 x 235 mm**
Weight	**approx. 0.8 kg**
Colour	**pearl white (RAL 1012) / graphite black (RAL 9011)**
Permissible temperature range	**0°C…+50°C**
Protection class	**IP20 according to DIN EN 60529**



MTSD DS-6, 64 Key
item no. 1 045 0 with 1 047 2



MTSD DS-6, 112 Key
item. no. 1 045 0 with two 1 047 2

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MTSD Accessories

Item no.	Article	Description
22 9 0601 850 3	Key cover	with fixing screws (5 pieces)
22 9 0701 850 4	Mounting kit for key cover	incl. drilling template, drill and assembly instructions
21 3 1831 155 0	Button cap	ABS plastic, colour: sky blue (RAL 5015)
21 3 1831 156 1	Button cap	ABS plastic, colour: yellow (RAL 1021)
21 3 1831 157 2	Button cap	ABS plastic, colour: fire red (RAL 3000)
21 3 1831 158 3	Button cap	ABS plastic, colour: yellow green (RAL 6018)
21 3 1831 159 4	Button cap	ABS plastic, colour: turquoise blue (RAL 5018)
21 3 1831 160 6	Button cap	ABS plastic, colour: signal black (RAL 9004)
21 2 1831 121 2	Plexiglass cover for key cap	PC plastic, colour: crystal clear
22 3 0101 045 8	Power supply Euro	with Euro plug
22 9 0301 045 6	International power supply unit	with additional plug adapters for England, USA and Australia
22 3 0401 045 1	Table power supply unit	for international applications, equipped with an IEC320-C14 plug, for adapting country-specific connection cables
99 9 1980 002 7	Connection cable for table power supply unit	IEC320 connection cable with socket C14 for the European market
91 3 1116 838 7	Power-over-Ethernet-Injektor	for PoE supply, if no PoE is available

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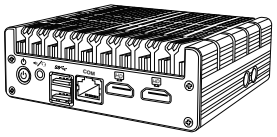
Specifications and product information may vary or be changed without prior notice.

TIMM | TIMM SMART | DS 6 | PACE EN 54-16

Configuration & Monitoring | VoIP | MODBUS TCP-IP | Remote Access | I/O Modul NE 4 475 0 | CANopen

TIMM SMART



NE 3 358 9
TIMM SMART

WEB Server

Config / state

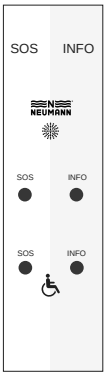
SNMP / MIB

Com Server Application

Gateway Application

Speechbox*	NE 5 067 8
SIP-Trunk*	NE 5 065 6
Phone Server*	NE 5 034 2
MODBUS / TCP-IP*	NE 5 068 9
CANopen*	NE 3 373 6

NIS



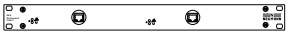
DS 6

UK$_0$ II Adapter — NE 3 334 3

and / or

PA Control I — NE 3 343 3

and / or



PA Control II — NE 3 343 3

and / or

Analog adapter x8 — NE 3 331 0

and / or

Plug-in unit analog — NE 2 390 4

and / or

PACE EN 54-16 — NE 3 331 0

DS 6

PC Call station „all-in-one“ — NE 1 296 8

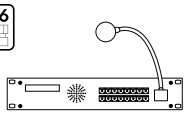
DS 6

MTSD Call station — NE 1 045 0

DS 6

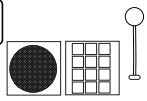
MTSD IP42 Call station — NE 1 0854

DS 6



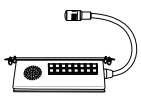
Intercom call station (rack-mounted) — NE 1 278 8, NE 1 279 9

DS 6



Call station (panel-mounted) — NE 1 28X X[1]

DS 6



Crane call station — NE 1 156 3

DS 6

WFD IP Call station — NE 1 5XX X[1]

DS 6

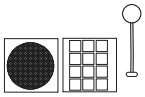
WFD IP Compact call station — NE 1 87X X[1]

[1]: various models; product numbers depending on individual requirements.

TIMM | TIMM SMART | DS 6 | PACE EN 54 -16

I/O Modul
4 475 0

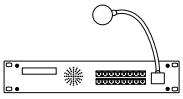
PC Call station
„all-in-one“
1 296 8



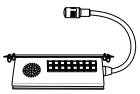
Built-in call station
(panel assemblies)
1 29X X[1]

MTSD IP42
Call station
1 085 4

MTSD
Call station
1 045 0



Rack mounting station
19 Zoll
1 27X X[1]



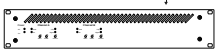
Crane call station
1 156 3

WFD IP
Weatherproof
compact call station
1 87X X[1]

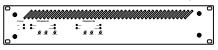
WFD IP Weatherproof
intercom station
1 59X X[1]
1 681 6

PA Control II
3 343 3

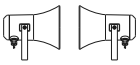
PA Control II
3 343 3



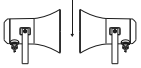
Amplifier
4 1XX X[1]



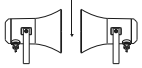
Amplifier
4 1XX X[1]



LK1 - LK4



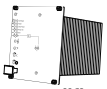
LK1 - LK6



LK1 - LK6

Amplifier4 x 150W
4 175 7

Amplifier
50Watt
4 150 0



Amplifier
100 Watt
4 160 1

LK1 - LK4[2)]

Diffuse emitter
4 805 7

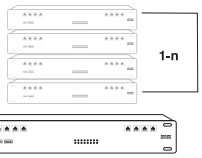
LK1 - LK4[2)]

Diffuse emitter
4 805 7

Third-Party
Hardware

UHF (Ultra High Frequency)

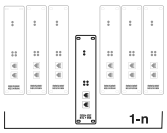
DS 6



1-n

Analogue adapter x8
3 331 0

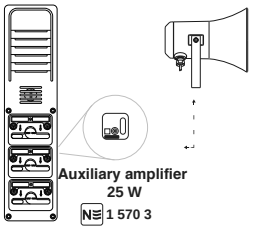
or



1-n

Plug-in unit
2 390 4

WFAK Analogue
call station compact
WFAK Additional housing
1 9XX X[1]



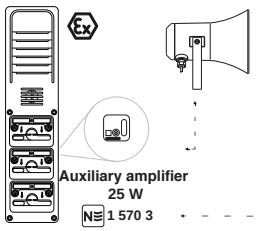
Auxiliary amplifier
25 W
1 570 3

WFA
Weatherproof call station
1 5XX X[1]

1-n

MTSA
Call station
1 75X X[1]

UK$_0$ II Adapter 8x
3 334 3



Auxiliary amplifier
25 W
1 570 3

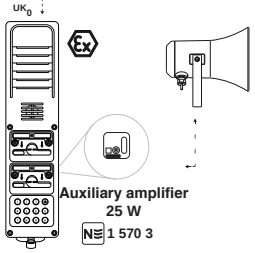
WFA
Weatherproof call station
1 5XX X[1]

WL 1 Watt
Universal amplifier
1 841 4

UK$_0$

MTSD
UK$_0$ Call Station
1 84X X[1]

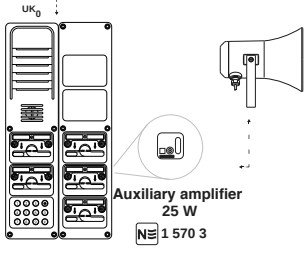
UK$_0$



Auxiliary amplifier
25 W
1 570 3

WFD-Ex
Explosion-proof call
station UK$_0$
1 5XX X[1]

UK$_0$



Auxiliary amplifier
25 W
1 570 3

WFD Weatherproof call station
with additional housing UK$_0$
1 59X X[1]
1 6XX X[1]

1) different models;
product numbers according
to individual requirements

2) optional

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