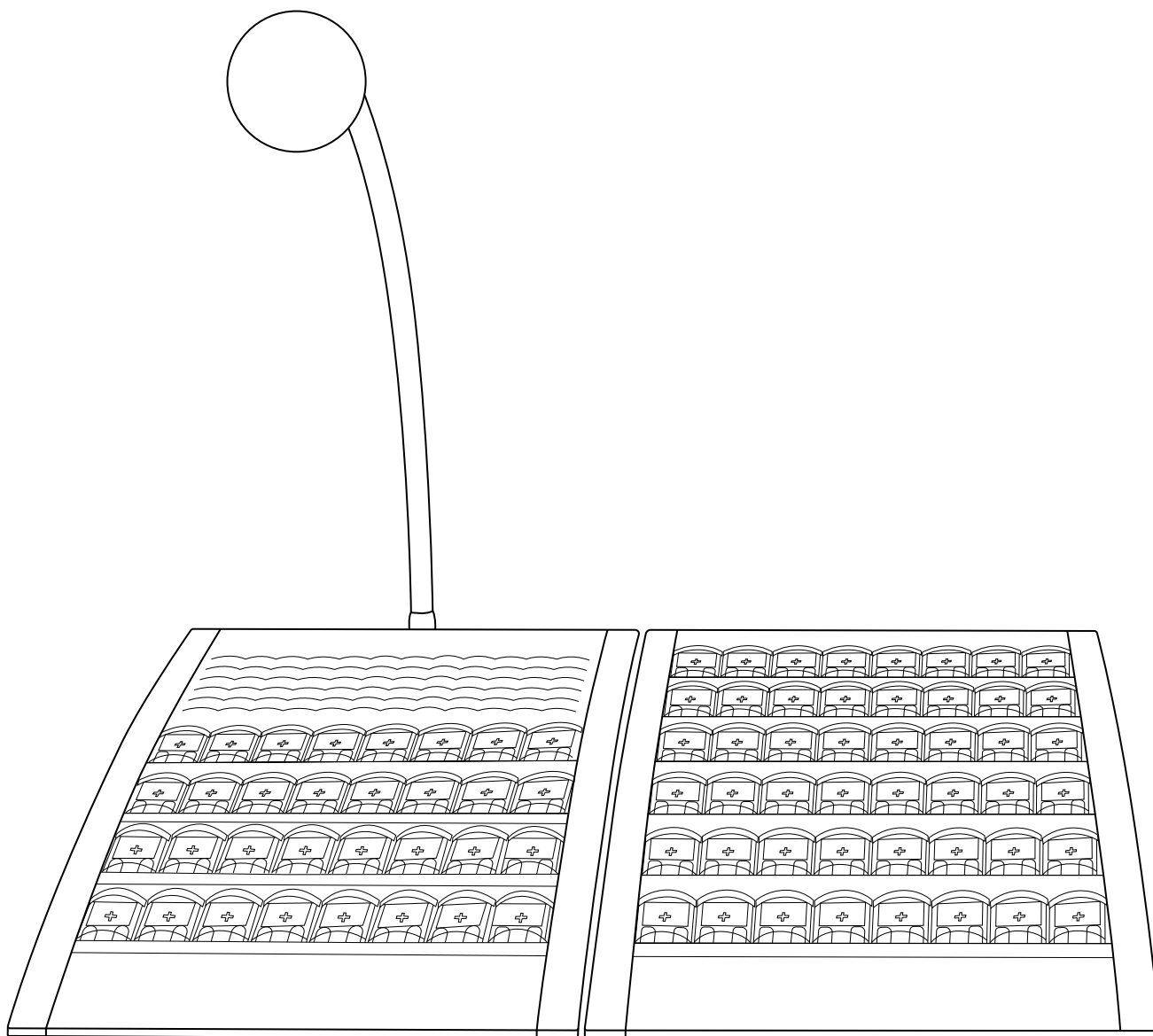


MTSA

Analog Desk Call Station

With up to 80 keys



1 75X X

MTSA Analog Desk Call Station
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NEUMANN

Established Neumann Elektronik quality

Direct speech connections via key-controlled line selection

Line keys can be freely assigned as destination keys

Indication of busy and call signalling through LEDs

Microphone sensitivity adjustable with automatic level limiting

Integrated broadband loudspeaker, 8 Ω

Line keys can be freely assigned as destination keys

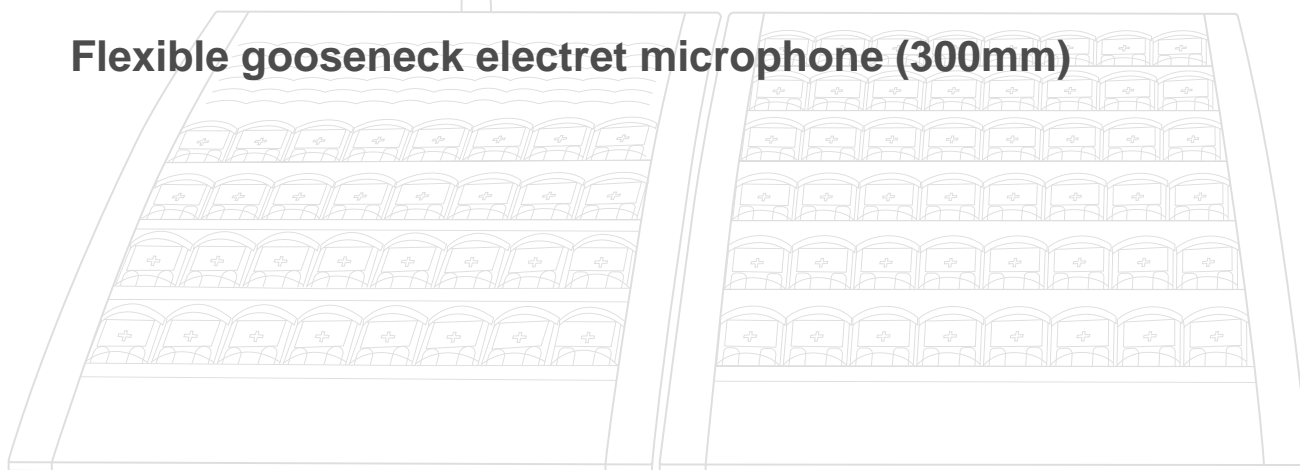
**Indication of busy and call signalling through
light emitting diodes**

Second-priority circuit as standard feature

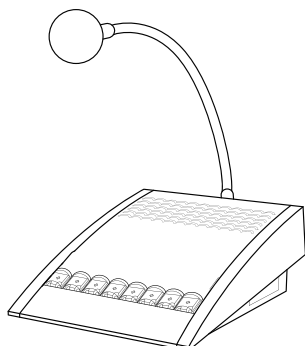
Switchable volume reduction e.g. for night operation

Replaceable illuminated push-buttons with LED signalling

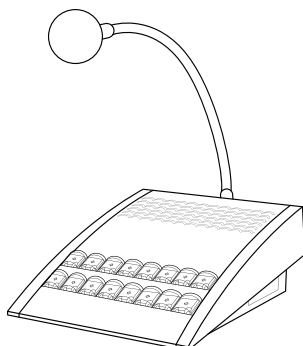
Flexible gooseneck electret microphone (300mm)



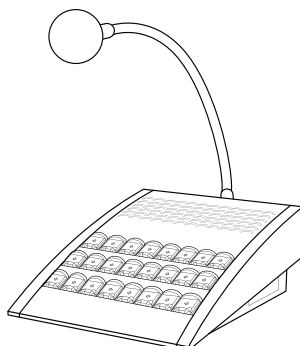
MTSA Analog Desk Call Station



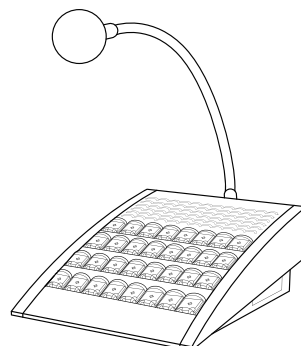
MTSA
Desk call station
8 keys
Art.-No. 1 750 3



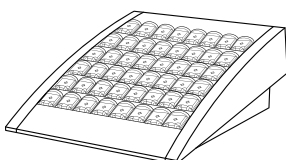
MTSA
Desk call station
16 keys
Art.-No. 1 751 4



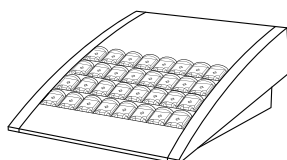
MTSA
Desk call station
24 keys
Art.-No. 1 752 5



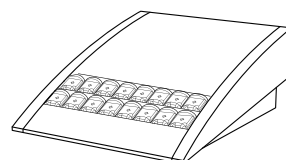
MTSA
Desk call station
32 keys
Art.-No. 1 753 6



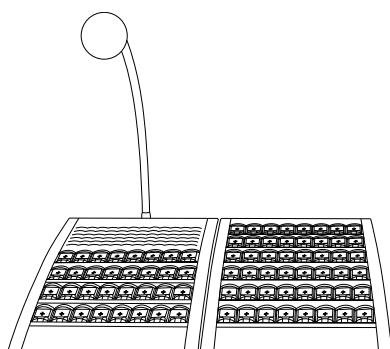
MTSA Additional housing
48 keys
Art.-No. 1 756 9



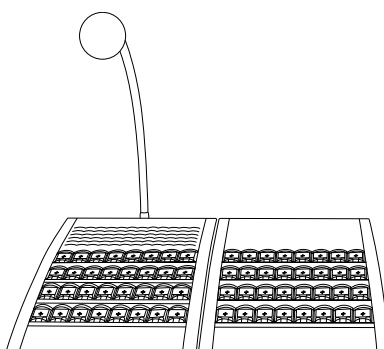
MTSA Additional housing
32 keys
Art.-No. 1 755 8



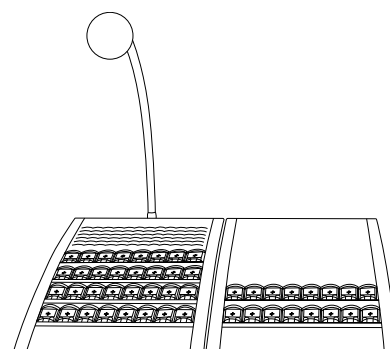
MTSA Additional housing
16 keys
Art.-No. 1 754 7



MTSA
with additional housing
80 keys
Art.-No. 1 759 2



MTSA
with additional housing
64 keys
Art.-No. 1 758 1



MTSA
with additional housing
48 keys
Art.-No. 1 757 0

The MTSA analogue microphone units can be used in all analogue intercom systems.

They enable direct speech connections with other intercom stations and loudspeaker announcements via loudspeaker circuits of EL systems.

The basic version of the analogue desk call station has 8 to 32 line keys for the proven direct line selection of the desired speech connections.

With suitable supplementary housings, extended paging station versions with up to 80 line keys are available.

Mechanical data

Base enclosure

Housing dimensions (H x W x D)	88 x 183 x 260 mm
Number of illuminated speech keys	8 / 16 / 24 / 32
Weight	approx. 1,1 kg
Housing colour	oyster white (RAL 1013) / graphite black (RAL 9011)

Electrical data

Base enclosure

Nominal operating voltage	DC 24 V, DC 48 V, DC60 V
Max. quiescent current	38 mA (DC 48 V / DC 60 V), 30 mA (DC 24 V)
Max. operating current	82 mA (DC 48 V / DC 60 V), 135 mA (DC 24 V)

Mechanical data

Additional enclosure

Housing dimensions (H x W x D)	88 x 183 x 260 mm
Number of illuminated speech keys	16 / 32 / 48
Weight	approx. 1,1 kg
Housing colour	oyster white (RAL 1013) / graphite black (RAL 9011)

Mechanical data

Base enclosure + additional enclosure

Housing colour	88 x 370 x 260 mm
Number of illuminated speech keys	48 / 64 / 80
Weight	approx. 2,2 kg
Housing colour	oyster white (RAL 1013) / graphite black (RAL 9011)

Environmental conditions

Ambient temperature range	0°C to +50°C
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1 75X X

MTSA Analog Desk Call Station
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Accessories

Art.-No.	Article	Description
1 777 2	Junction box	for wall mounting
1 794 1	Connection cable 3m	between call station and junction box
1 795 2	Connection cable 5m	between call station and junction box
1 796 3	Connection cable 10m	between call station and junction box
22 9 0601 850 3	Button cover	includes 5 screws
22 9 0701 850 4	Mounting kit for button cover	incl. drill hole template, drill and assembly instructions
21 3 1831 155 0	Pushbutton cap	ABS plastic, colour: sky blue (RAL 5015)
21 3 1831 156 1	Pushbutton cap	ABS plastic, colour: colza yellow (RAL 1021)
21 3 1831 157 2	Pushbutton cap	ABS plastic, colour: flame red (RAL 3000)
21 3 1831 158 3	Pushbutton cap	ABS plastic, colour: yellow green (RAL 6018)
21 3 1831 159 4	Pushbutton cap	ABS plastic, colour: turquoise blue (RAL 5018)
21 3 1831 160 6	Pushbutton cap	ABS plastic, colour: signal black (RAL 9004)
21 2 1831 121 2	Clear plastic hood for pushbutton cap	PC plastic, colour: crystal clear
3 331 0	DS-6 Analog-Adapter	8 folds

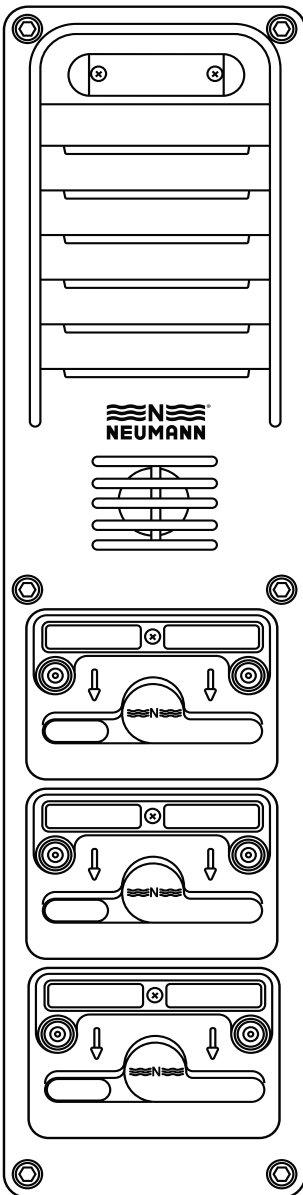
Related products

1 5XX X 

WFA-EXPROOF

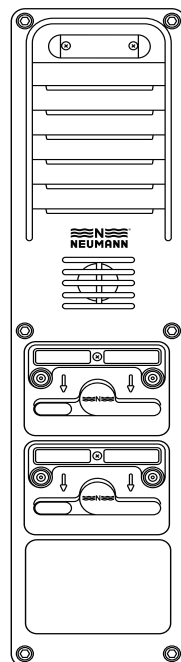
Weatherproof analogue call station, explosion proof

- Dustproof and watertight, glass-fibre reinforced polyester housing
- Double-toggle speech keys with opto-coupler, 2 lines each
- Active parts pressure-resistant encapsulated
- Integrated loudspeaker and electret microphone
- Large connection space, two wires can be clamped per connection
- Line keys can be freely assigned as destination keys
- Indication of busy and call signalling by LEDs
- Second-priority circuit as standard feature
- Switchable volume reduction, e. g. for night operation
- Microphone sensitivity (noise-compensated microphone) adjustable
- Connector for optional auxiliary amplifier
- Microphone sensitivity (noise-compensated microphone) adjustable
- Low power consumption



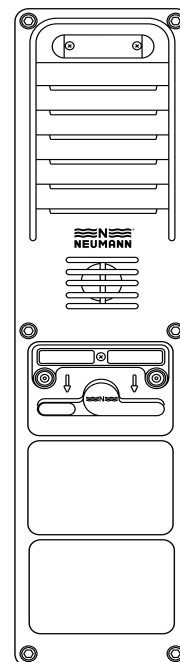
WFA EXPROOF
Call Station,
3 Double Toggle
Art.-No. 1 577 0

With additional amplifier
Art.-No. 1 580 4



WFA EXPROOF
Call Station,
2 Double Toggle
Art.-No. 1 576 9

With additional amplifier
Art.-No. 1 579 2



WFA EXPROOF
Call Station,
1 Double Toggle
Art.-No. 1 575 8

With additional amplifier
Art.-No. 1 578 1

1 75X X

MTSA Analog Desk Call Station
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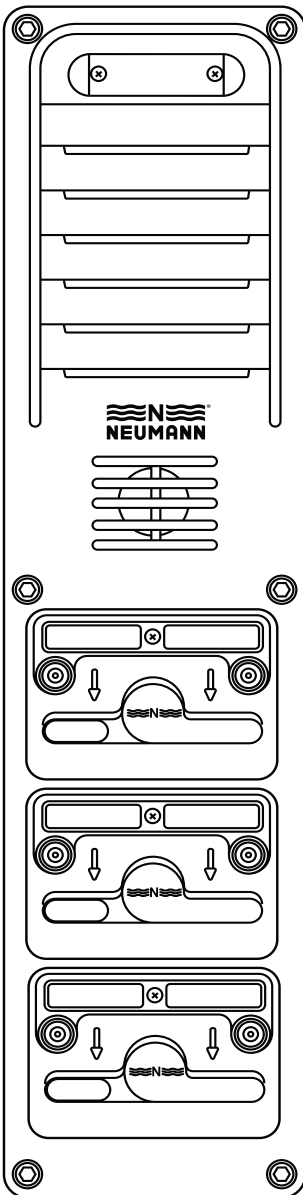

NEUMANN

Related products

1 5XX X

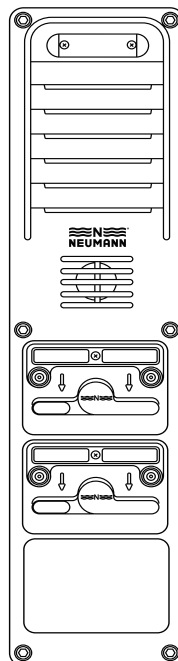
WFA

Weatherproof analogue call station



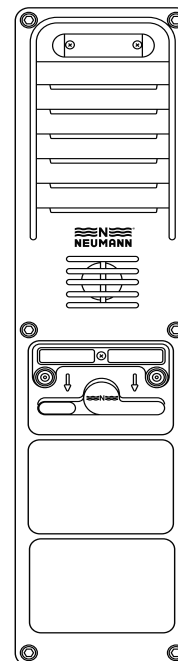
WFA Call Station,
3 Double Toggle
Art.-No. 1 590 5

With additional amplifier
Art.-No. 1 538 7



WFA Call Station,
2 Double Toggle
Art.-No. 1 589 3

With additional amplifier
Art.-No. 1 537 6



WFA Call Station,
1 Double Toggle
Art.-No. 1 588 2

With additional amplifier
Art.-No. 1 536 5

1 75X X

MTSA Analog Desk Call Station
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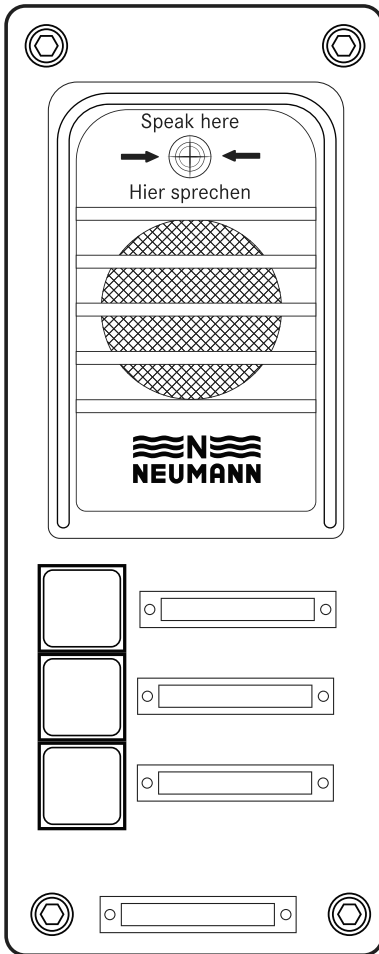
NEUMANN

Related products

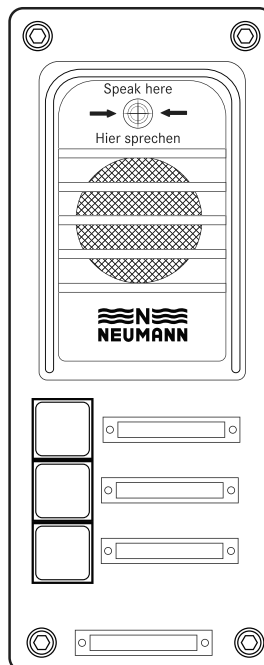
1 9XX X

WFAK

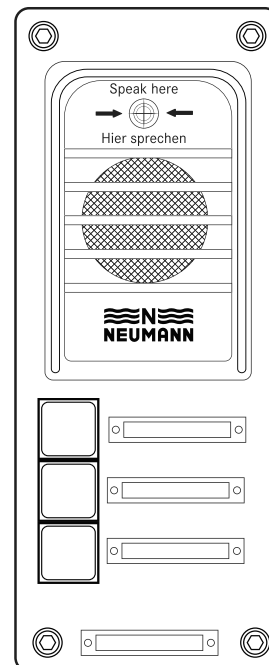
Weatherproof Analogue Call Station Compact



- Dust and water tight case consisting of glass-fibre reinforced wet polyester
- Three illuminated push keys, each for one line
- Integrated loudspeaker and electret microphone
- Call Station and Additional housing can be flanged together
- Compact design
- Line keys can be freely assigned as intercom destination keys
- LEDs for busy and call indication
- Mounting with brackets at four mounting points
- Second-priority circuit as standard feature
- Switchable volume reduction, e. g. for night-time operation
- Adjustable microphone sensitivity (noise compensated microphone)
- Low power requirement
- Extended with additional housing



WFA Call station, orange
3 Illuminated push keys
Art.-No. 1 960 6



WFA Call station, yellow
3 Illuminated push keys
Art.-No. 1 970 7

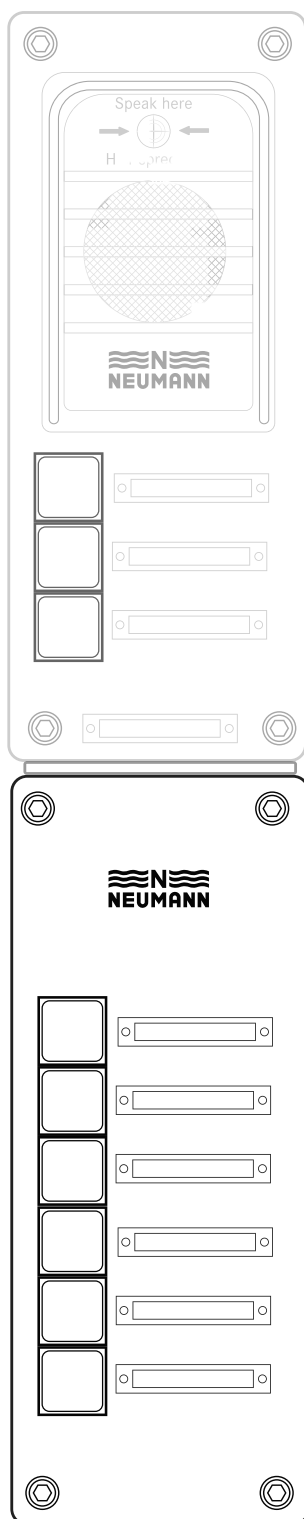
1 75X X

MTSA Analog Desk Call Station
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Related products

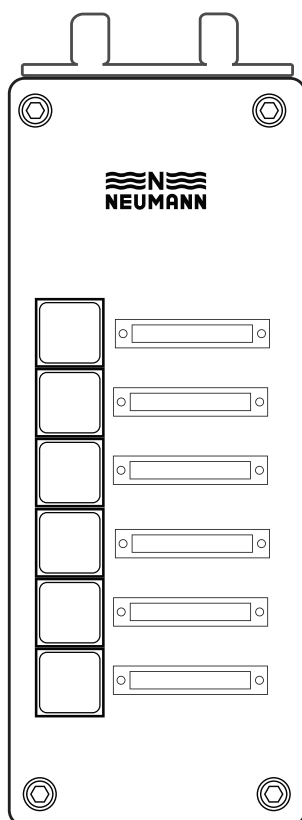


1 9XX X

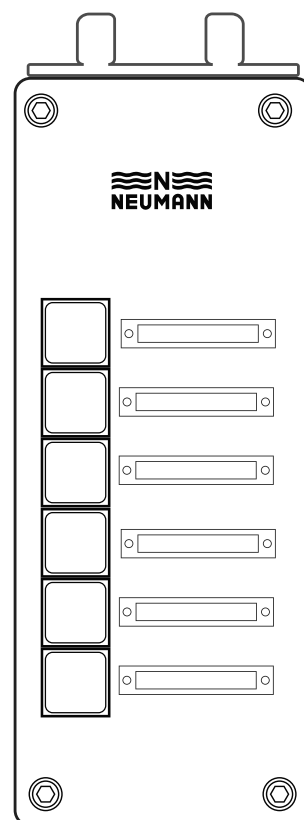
WFAK

Additional housing

6 Illuminated push buttons



WFAK Additional housing, orange
6 Illuminated push keys
Art.-No. 1 967 3



WFAK Additional housing, yellow
6 Illuminated push keys
Art.-No. 1 977 4

1 75X X

MTSA Analog Desk Call Station
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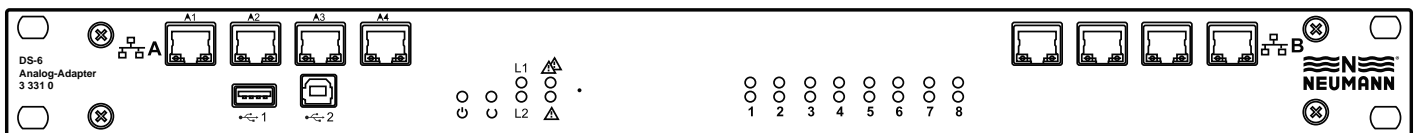
NEUMANN

Related products

3 331 0

DS-6 Analog-Adapter, 8 fold

- Configurable over serial interface
- Fuse monitoring
- Operating voltage monitoring of analog-adapter
- Operating voltage monitoring of line circuit and call station energizing
- Operating current monitoring of the call stations
- Temperature monitoring
- Watchdog
- Switchable input and output impedance
- Separately configurable operating mode for each component port
- Special operating modes possible, e. g. by using call stations maximum extended to 32 lines
- 2 two-way contacts for fault indication
- Galvanic isolation of line connection / control lines
- c-Point control and line voltage are configurable with jumper in the housing



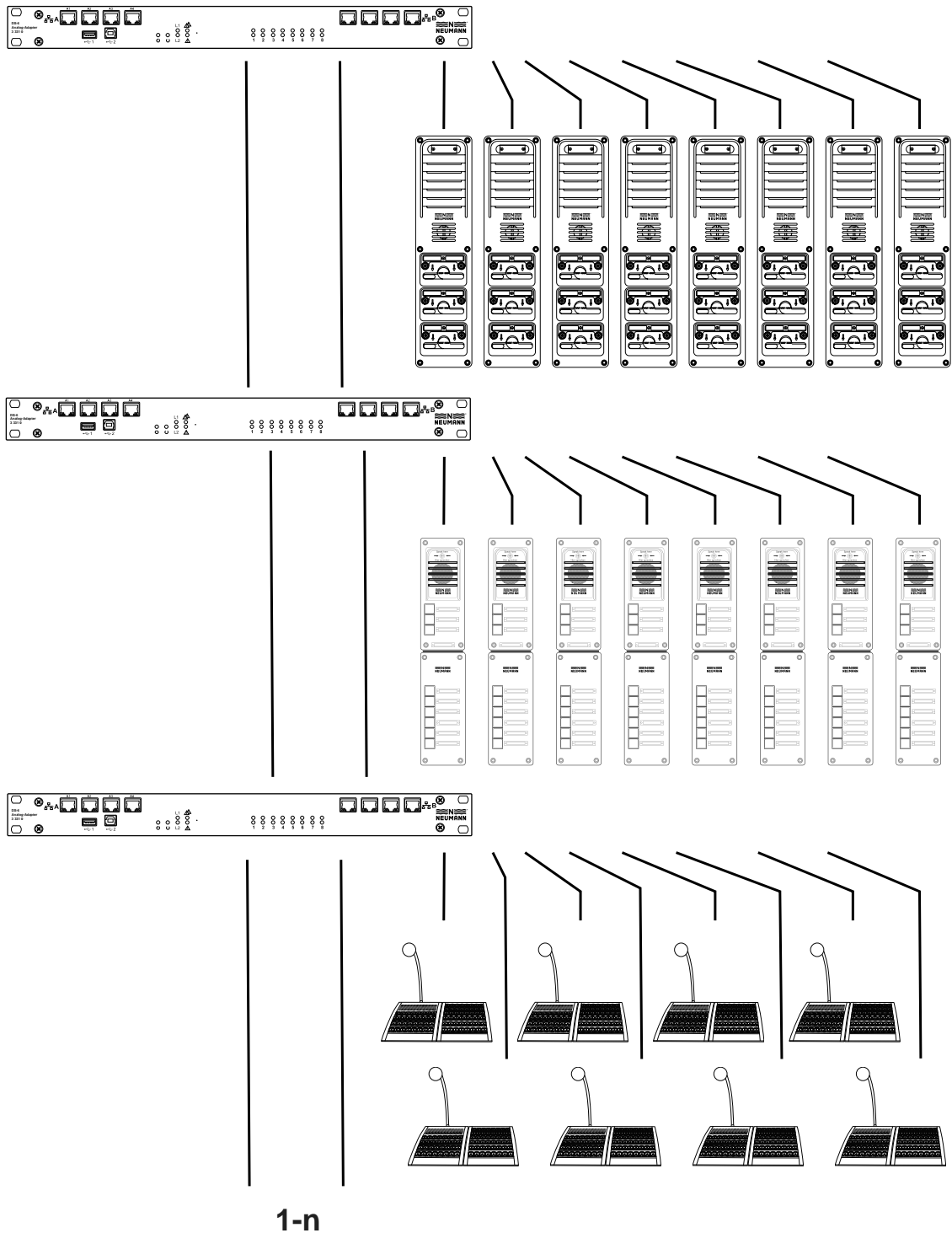
1 75X X

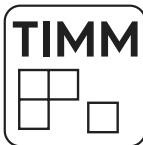
MTSA Analog Desk Call Station
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Example of cascading





Control centre

Telephone

Evacuation

Fire alarm system

Public address system

Industrial control

Process control

emergency call

Intercom

Radio

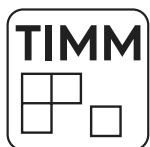
Video

Access control

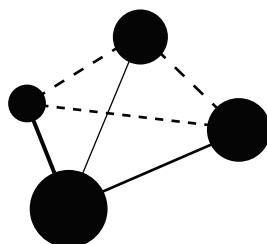
Personal radio

Emergency exit control

Building services engineering



TIMM ComServer



IP network

PACE

EN 54 -16

PACE

EN 54 -16

PACE

EN 54 -16

PACE

EN 54 -16

PACE

EN 54 -16

PACE

EN 54 -16

PACE

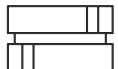
EN 54 -16

PACE

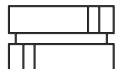
EN 54 -16

1-n

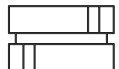
DS 6



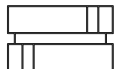
DS 6



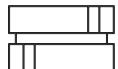
DS 6



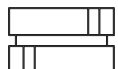
DS 6



DS 6



DS 6



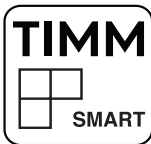
DS 6



DS 6



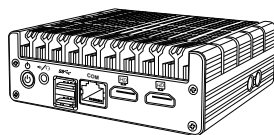
1-n



I/O Modul
NE 4 475 0



CANopen



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



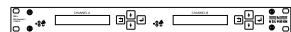
←
→
NIS



U_{K0} II Adapter

NE 3 334 3

and / or



PA Control I

NE 3 342 2

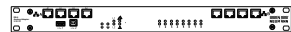
and / or



PA Control II

NE 3 343 3

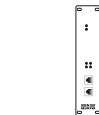
and / or



Analog adapter x8

NE 3 331 0

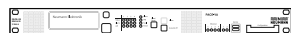
and / or



Plug-in unit
analog

NE 2 390 4

and / or



PACE EN 54-16

NE 3 344 4



PC Call station
„all-in-one“

NE 1 296 8



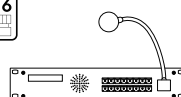
MTSD Call station

NE 1 045 0



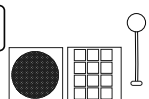
MTSD IP42
Call station

NE 1 0854



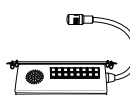
Intercom
call station
(rack-mounted)

NE 1 278 8
NE 1 279 9



Call station
(panel-mounted)

NE 1 28X X¹



Crane call station

NE 1 156 3



WFD IP
Call station

NE 1 5XX X¹



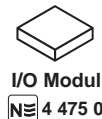
WFD IP Compact
call station

NE 1 87X X¹

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



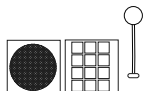
EN 54 -16



I/O Modul
N 4 475 0



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



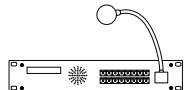
Built-in call station
(panel assemblies)
N 1 29X X¹



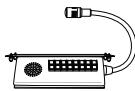
MTSD IP42
Call station
N 1 085 4



MTSD
Call station
N 1 045 0



Rack mounting station
19 Zoll
N 1 27X X¹



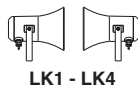
Crane call station
N 1 156 3



WFD IP
Weatherproof
compact call station
N 1 87X X¹



WFD IP Weatherproof
intercom station
N 1 573 6



LK1 - LK4



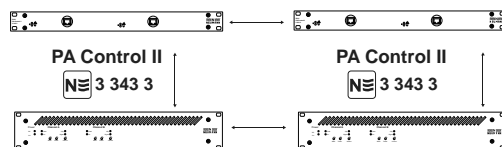
Amplifier 4 x 150W
N 4 175 7



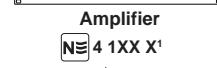
Third-Party
Hardware



UHF (Ultra High Frequency)



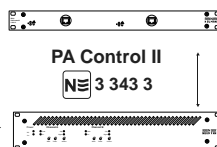
PA Control II
N 3 343 3



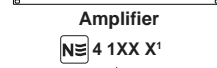
Amplifier
N 4 1XX X¹



LK1 - LK6



PA Control II
N 3 343 3



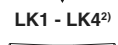
Amplifier
N 4 1XX X¹



LK1 - LK6

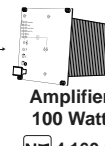


Amplifier
50Watt
N 4 150 0

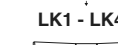


LK1 - LK4²)

Diffuse emitter
N 4 805 7

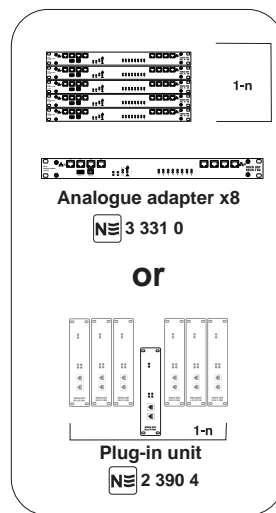
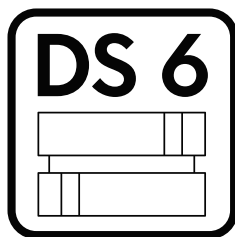


Amplifier
100 Watt
N 4 160 1



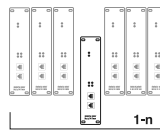
LK1 - LK4²)

Diffuse emitter
N 4 805 7



Analogue adapter x8
N 3 331 0

or



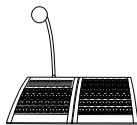
Plug-in unit
N 2 390 4



WFAK Analogue
call station compact
WFAK Additional housing
N 1 9XX X¹



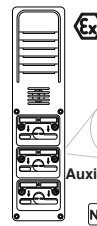
WFA
Weatherproof call station
N 1 5XX X¹



MTSA
Call station
N 1 75X X¹



U_{k0} II Adapter 8x
N 3 334 3



WFA
Weatherproof call station
N 1 5XX X¹



Auxiliary amplifier
25 W
N 1 570 3



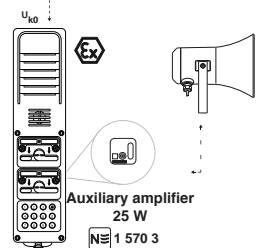
WL 1 Watt
Universal amplifier
N 1 841 4



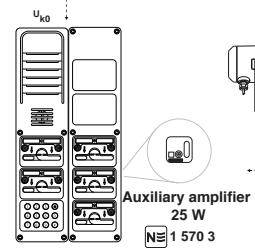
Auxiliary amplifier
25 W
N 1 570 3



MTSD
U_{k0} Call Station
N 1 84X X¹



WFD-Ex
Explosion-proof call
station U_{k0}
N 1 5XX X¹



WFD Weatherproof call station
with additional housing U_{k0}
N 1 59X X¹
N 1 6XX X¹

1) different models;
product numbers according to
individual requirements
2) optional

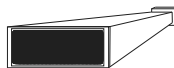


PACE

EN 54 -16

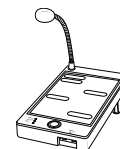
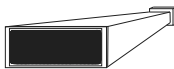
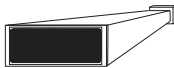
tunnel horn/ boundary horn speaker

NE 4 76X X



tunnel horn/ boundary horn speaker

NE 4 76X X



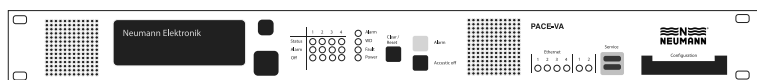
Desktop call station PACE-CSTP
DIN EN 54-16, Touch screen

NE 1 357 6



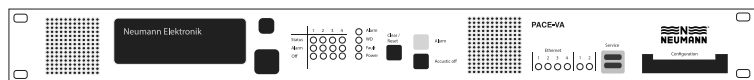
Desktop call station PACE-CS20
DIN EN 54-16, 20 Keys

NE 1 355 4



Voice alarm center unit
PACE-VA, EN54-16

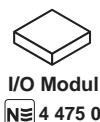
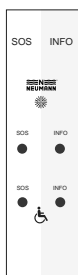
NE 3 344 4



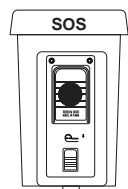
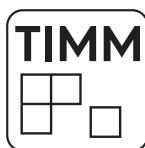
1-n

Emergency call and
information pillar

NE 8 0XX X¹⁾



I/O Modul
NE 4 475 0



Emergency call station

NE 8 0XX X¹⁾



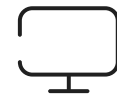
1-n



MODBUS
TCP-IP



CANopen



Control center
(OMC)

1-n



MTSD
Desktop call station

NE 1 045 0

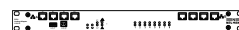


PC call station
„all-in-one“

NE 1 296 8



I/O Modul
NE 4 475 0



Analogue adapter x8

NE 3 331 0

1-n

¹⁾ different models; product numbers according to individual requirements



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1 75X X

MTSA Analog Desk Call Station
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