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APS-3xx.2/ -xAL/ -EV

Front view (FRS)

1. Segment with 3 buttons with protection cover, labeled individually
2. Segment with 8 buttons, labeled individually
3. Expansion unit
4. Base segment
5. Button for call
6. LED indicators (red, green, yellow)
7. Buzzer
8. Gooseneck microphone

Description

Designation and function
Microphone panel for the handling of a loud-speaker system

Use of the microphone panel
Together with an input module APS-16.2 / APS-16.3

Settings on the microphone panel
Address, volume

Functions of the controls
According to the labels and programming

Priorities of the functions
According to the programming of the processor module APS-990

Connection cable to the input module

|	
GZ-932-C	CPR conform, without safety standard
GZ-932-EV	With safety standard FE 180-E30
GZ-928	Without safety standard
GZ-926-EV	With safety standard FE 180-E30 to E90

Max. cable length: 1000 m

Warning – if in use as microphone panel for an Evacuation system
If, in the regular operation, the panel or the microphone will be disconnected, the result is an error message at the loud-speaker system!

Technical specifications

Con. diagram for the socket RJ45 (MC LINK)

1. LF (low frequency) input balanced +
2. LF (low frequency) input balanced –
3. Serial Data (Data-S)
4. Supply +17 VDC for microphone consoles (max. 400 mA)
5. Supply +17 VDC for microphone consoles (max. 400 mA)
6. Ground
7. Ground
8. Ground
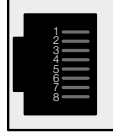
Connection diagramm XLR 6 poles (Option)

1. Ground
2. LF output balanced +
3. LF output balanced –
4. Not conected
5. Serial data (Data-S)
6. Supply +17 VDC
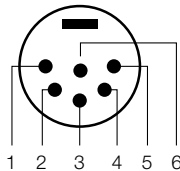
Operating instructions

The red LED «Busy» indicates when the system is already being used by another station.
The orange LED «Chime» indicates a currently played chime melody.
The green LED «Ready» indicates that the system in operation and ready for an announcement.

An announcement is started by pressing the call button.

To set the address, press keys 1, 3 and 5 simultaneously on any segment. Then the PTT key flashes white and the address can be set in binary format (1 to 255). Afterwards confirm the setting by pressing the PTT button. The address is set to 1 by default.

To adjust the volume, press buttons 2, 4 and 6 simultaneously on any segment. Then the PTT key flashes magenta and the volume can be adjusted (level 1 to 8). Afterwards confirm the setting by pressing the PTT button. The volume is set to level 8 by default.

Data

Announcements
Via electret microphone

Version
EV (for Evacuation systems; with integrated generator for the periodica surveillance by an APS-177)

LF output
Line (0 dBu = 0.775 V / 600 Ohm; balanced; with transformer for galvanic isolation)

Data transfer between the panel and processor module APS-990
Via bus Data-S

Dimensions (H × W × D in mm)

APS-308.2	180 × 100 × 136
APS-364.2	180 × 530 × 136

Lighting of the buttons
Parallel to the function or independent

Functions of the elements
According to the programming of the panel

LED displays (operating state)

Red	System busy (higher priority active)
Orange	Gong in action (option)
Green	System free (ready to talk)

Priorities of the functions
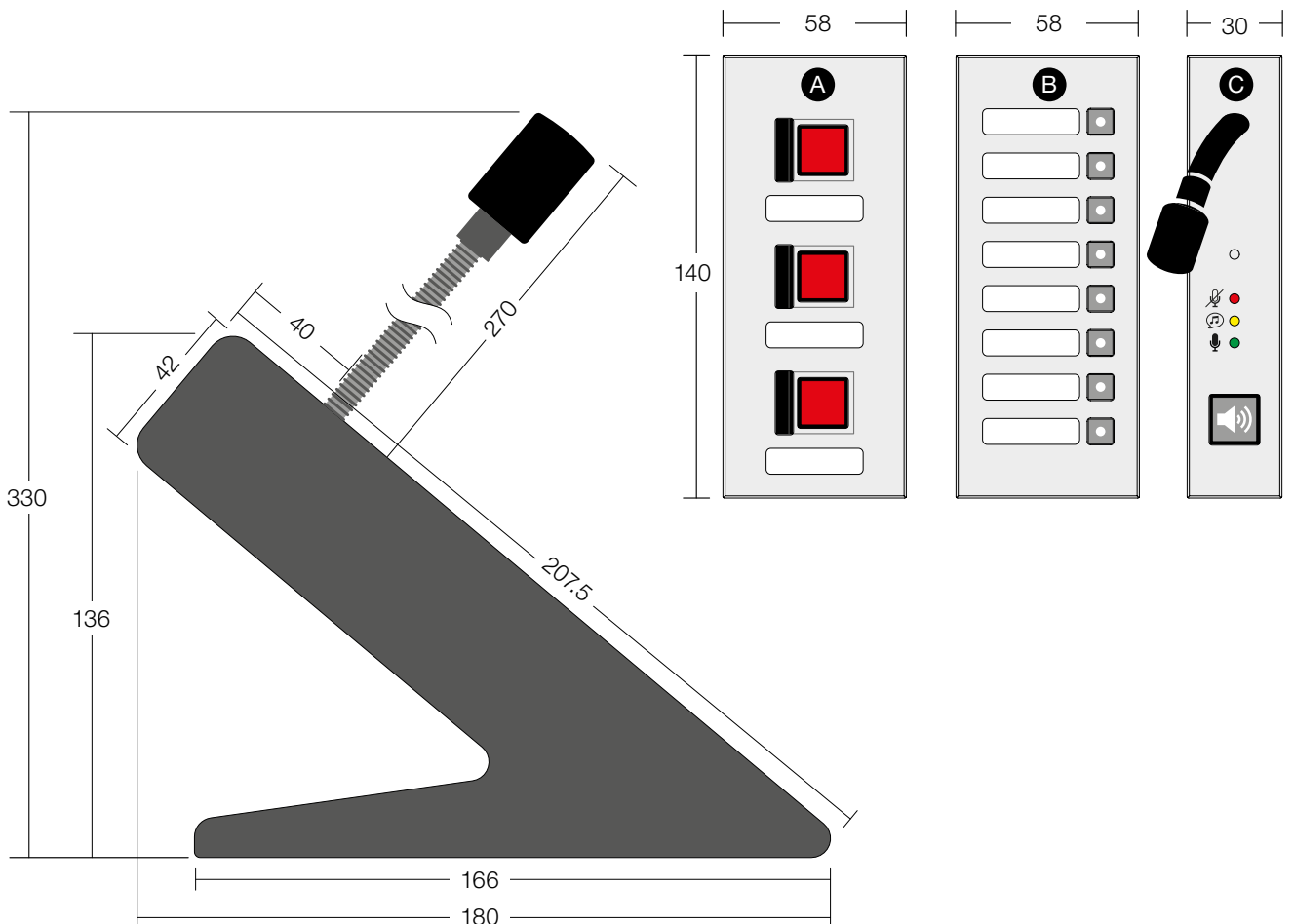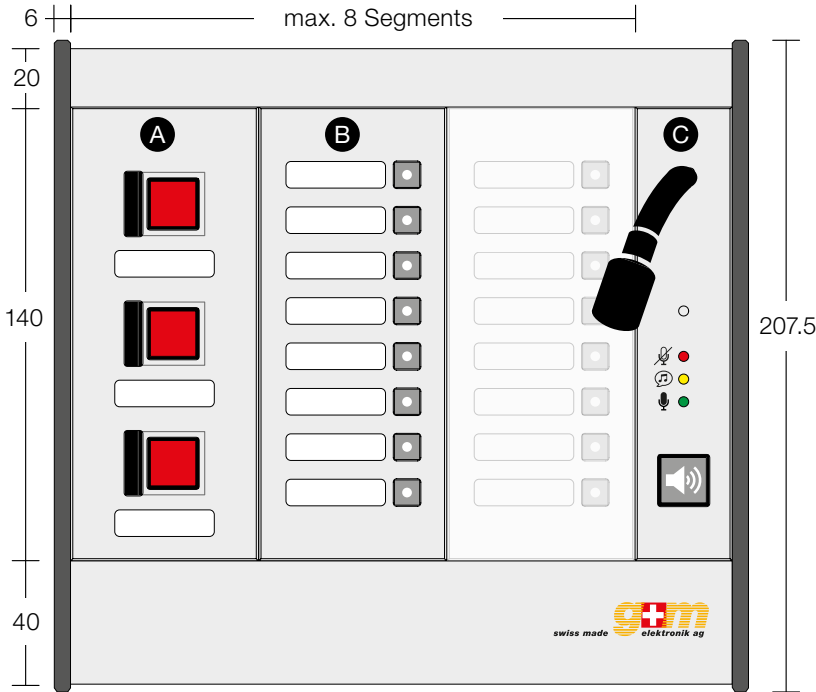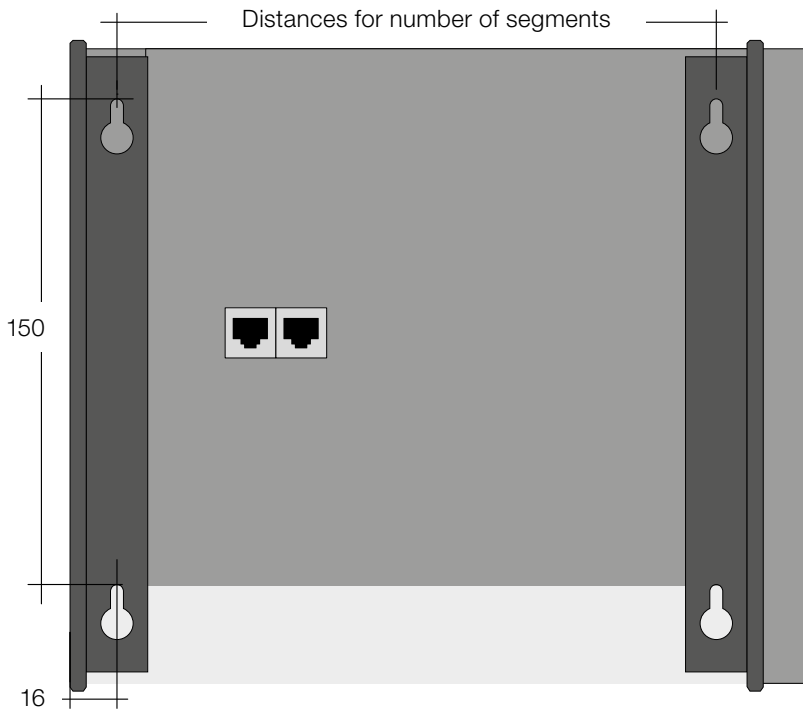According to the programming of the APS-990

Versions

APS-308.2-EV	8 buttons
APS-308.2-3AL-EV	8 buttons + 3 additional buttons
APS-308.2-6AL-EV	8 buttons + 6 additional buttons
APS-316.2-EV	16 buttons
APS-316.2-3AL-EV	16 buttons + 3 additional buttons
APS-324.2-EV	24 buttons
APS-324.2-3AL-EV	24 buttons + 3 additional buttons
APS-332.2-EV	32 buttons
APS-332.2-3AL-EV	32 buttons + 3 additional buttons
APS-340.2-EV	40 buttons
APS-340.2-3AL-EV	40 buttons + 3 additional buttons
APS-348.2-EV	48 buttons
APS-348.2-3AL-EV	48 buttons + 3 additional buttons
APS-356.2-EV	56 buttons
APS-364.2-EV	64 buttons

Accessories

63-6112102-01-01	Connection cable RJ45-RJ45
63-5311289-01-01	Connection cable XLR-RJ45
63-6112210-01-01	RJ45 Locking clip
63-6112211-01-01	Tool for RJ45 locking

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Dimensions in mm

A Segment with 3 buttons and protective cover

B Segment with 8 buttons

C Base segment with speak button and microphone

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Distances for number of segments

150

16

Wall-mounted model
Distances for number of segments
(including 1 segment C with microphone)
1 Segment: 67 mm
2 Segments: 125 mm
3 Segments: 183 mm
4 Segments   241 mm
5 Segments: 299 mm
6 Segments: 357 mm
7 Segments: 415 mm
8 Segments: 473 mm