Public Address - Voice Alarm

Audio Distribution over IP
Commercial Audio
Intelligent Acoustic Solutions
Intercommunication
Loudspeakers

ATEÏS

CD 16 / PSM

All SECURED paging devices

CD16- Wall mounted cabinet remote paging console for IDA8/DIVA8

Wall-mount heavy duty remote paging console with Access level 2 protection to comply with the EN 54-16. Compatible with DIVA8 System, IDA4 System and IDA8 System and communicates over a dedicated RS485 for Power, audio and DATA.

The unit comprises of 16 zones / 16 buttons with fist firemen's microphone in a metal surface mount wall-box. It provides robust IP-30 protection. Each CD16 contains a PSM Master PCB with extension keypad and uses the same architecture as for the PSM series of microphone consoles. Each DIVA8 System, IDA4 System and IDA8 System can handle up to 32 CD16 units with a maximum of 10 on one line in Master/Slave configuration. (Note that only the Master unit is secured, Slaves are not).

The buttons can represent a single zone or a group of zones. All buttons can be programmed with drag & drop features from the DIVA8 System, IDA4 System and IDA8 System GUI and the PTT button can be programmed for Push To Talk or for latching functionality.

The unit offers "Hold" and "Busy" LED signals in addition to the zone LED's, and these allow the easy identification of selection / Busy signals for the user. In addition, to comply with EN 54-16, separate POWER, FAULT and EVAC indicators are provided.

Additional RCA connectors with selection buttons support local audio injection for commercial usage.

The RS485 communication protocol offers daisy chaining of up to 300 m on a simple CAT5 cable, and yet makes outlets easy to connect via a standard RJ45 connector.

CD16 CHARACTERISTICS

- 16 buttons / Music button 1&2 plus separate PTT button.
- Firemen fist microphone with PTT (CB-type).
- Distortion less than 0.6%.
- Inputs S/N ratio: >75 dBu.
- Frequency respond: 100 Hz - 16 kHz (For the electronics).
- Feedback speaker.
- 2 stereo RCA entries with selection buttons.
- 3 LED indicators: Power/General Fault/Evacuation active.
- Voltage: 24 VDC (Provided by DIVA8 System, IDA4 System and IDA8 System).
- Dimensions: 334x247x134 mm.
- Color: RAL 7016.

PSMxx:

Unidirectional Condenser Addressable Microphone, compatible with all system units, PSMxx uses an RS485 protocol over a single CAT5 cable connection, to transport both Audio and Power from the PSMxx to the system units. The PSMxx comprises of 8 zones / 8 buttons with sleek condenser gooseneck microphone, and spring metal protection, providing durability and excellent aesthetics as well as allowing up to 256 zones expansion via the additional Keypad easy extension station. The buttons can represent a single zone or a group of zones and are easily defined via the GUI of the system units using a simple Matrix selection.

The unit offers "Hold" and "Busy" LED signals in addition to the zone LED's, and these allow the easy identification of selection / Busy signals for the user.
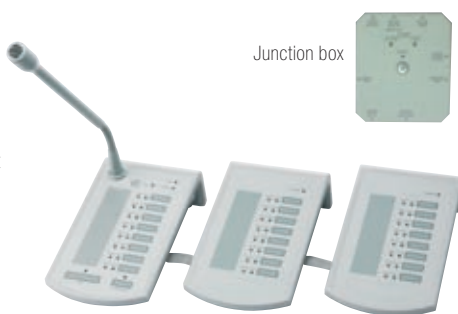
All buttons can be programmed with drag & drop features from the System unit GUI software and each button can be programmed for Push To Talk or Latch functionality.The unidirectional condenser microphone warrants high quality

Junction box

directive signal pick up from the user and hence less interference from the surroundings thanks to the cardioids polar pick-up pattern.

The RS485 communication protocol offers daisy chaining of up to 900 m on a CAT5 cable, and yet makes outlets easy to connect via a standard RJ45 connectors. (The microphone compatibility listing shows the maximum number of units per System).

Main Features: - 8 paging programmable keys with status and 1 All call button

PPM Keypad / *additional Keypad for PPMxx.*

PPMxx CHARACTERISTICS

- Base dimensions (H x W x D): 200 x 107 x 345 mm
- Weight: Approx.0.55 kg
- Color: Ral 7035
- Goose-neck length with mic.: 300 mm
- Cable length: 900 m
- Comes standard with Junction box (JB) and CAT5 cable (1.5 m).