Public Address - Voice Alarm
Audio Distribution over IP
Commercial Audio
Intelligent Acoustic Solutions
Intercommunication
Loudspeakers

Consoles & Accessories

PPM AS / PSM

DESKTOP PAGING CONSOLES

PPM is a unidirectional addressable condenser paging microphone compatible with IDA8 and DIVA8 systems. PPM uses RS485 protocol over a single CAT-5 cable connection to transport both audio and power from the paging console to the system units. The PPM has 8 zone buttons with a sleek gooseneck microphone, providing both durability and aesthetics in a slim, stable chassis.

MAIN CHARACTERISTICS

- Desktop enclosure
- Monitored CAT-5 link to controllers and slaves
- Supervision of microphone capsule (not on slave units)
- Automatic gain control on microphone input
- 8-zone selection keys (Expandable with additional keypads)
- All-call key
- Power indicator
- EVAC indicator
- Status and fault indicator
- Monitor speaker

PPM AS with keypads

PPM is a unidirectional addressable condenser paging microphone compatible for IDA8 and DIVA8 systems. In accordance with BS5839, PPM is monitored by using RS485 protocol over a single CAT-5 cable connection to transport both audio and power from the paging console to the system units. The PPM has 8 zone buttons with a sleek gooseneck microphone, providing both durability and aesthetics in a slim, stable chassis.

The PPM enables live announcement to any pre-assigned zones (an optional SP version also allows for broadcasting the pre-recorded messages). The paging station has a gooseneck microphone, a push-to-talk button, zone selection keys and a monitor speaker. Buttons represent a single zone or a group of zones and be easily defined in the software using a simple matrix selection. All buttons can be programmed with drag & drop features from the software and each button can be programmed for PTT (Push To Talk) or latching functionality.

In addition to the zone LEDs, "Hold" and "Busy" LED signals make PPM an extremely user-friendly paging console. Thanks to the cardioids polar pick-up pattern, the unidirectional condenser microphone ensures the high-quality and directive signal pick-up with minimal interference from the surroundings.

The RS485 communication protocol allows daisy-chain wiring up to 300m on a single CAT-5 cable (FTP/STP) and makes each station easy to connect by using standard RJ45 connectors and the junction connection box (supplied with PPM). Also, the console can be powered locally with 24V DC supply.

Note: There are three versions of the PPM paging console with identical hardware and functionality but different firmware for compatibility with different systems.

PPM-AS: Used with IDA8 system controllers and slaves, ATEÏS Audio Processor, LAPG2T and UAPG2

PSM: Used with DIVA8 system controllers

PPM-SP, PPM G2: Used with ATEÏS Audio Processor, LAPG2T and UAPG2

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DESKTOP PAGING CONSOLES

CONTROLS AND INDICATORS

- Three LED status indicators
- Activity indicators
- Zone selection buttons
- Gooseneck microphone
- Monitor speaker

INTERCONNECTIONS

Rear

- RJ45 for CAT-5 connection

PARTS INCLUDED

Quantities	Components
1	PPM /PSM-XX
1	Junction box
1	CAT-5 cable, 10pin, 1.5 m

TECHNICAL SPECIFICATIONS

Electrical

Battery power supply

Voltage	18 - 26 VDC
Power consumption	120 mA

Performance

Frequency response	-3 dB @ 200 to 8kHz
THD	< 0.1% @ 1 kHz
Output level Max	6 dBu
Noise gate threshold	-84 dBu ~ -24 dBu
Attack time	8 ms
Release time	100 ms
Output impedance	100 Ohms

Monitoring speaker

Impedance	4 Ohm
Output power	1 W @ 1 Khz
Frequency response	3 dB @ 200 to 12 kHz

System Connection

Cable type	CAT-5, 10 pin (FTP)
Length	100 m

Mechanical

Dimensions(H x W x D)	50 x 105 x 190 mm
	(2" x 4-1/5" x 7-1/2")
(With gooseneck)	350 x 105 x 190 mm
	(13-3/4" x 4-1/5" x 7-1/2")
Weight	0.7 kg (1.54 lbs)
Color	RAL7035

Environmental

Operating temperature	-5ºC ~ 55ºC (23ºF ~ 131ºF)
Storage temperature	-40ºC ~ 70ºC (-40ºF ~ 158ºF)
Relative humidity	15% to 90%
Air pressure	600 to 1100 h Pa
IP rating	30
Heat Dissipation	10 BTU/hr

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