



CD16

WALLMOUNT MONITORED PAGING CONSOLE



MAIN CHARACTERISTICS

- Wall-mount enclosure
- Secured CAT-5 link to controllers and slaves
- Monitoring of microphone capsule
- 16-zone selection buttons
- All-call button
- LED test button
- Power indicator
- EVAC indicator
- Status and fault indicator
- EN54-16 certified

The CD-16 paging console is a remote paging interface with Access Level 2 protection in compliance with EN54-16. Compatible with DIVA8 and IDA8 PAVA systems, the unit serves up to 16 zones individually with an All-Call option. Zone selection buttons and fireman's fist microphone are encased in a heavy-duty IP30 wallmount metal box with lockable door.

The CD-16 console use the same architecture as the PPM paging console, with a junction box built into the enclosure for daisy-chaining multiple units (note that only the first console in the chain is monitored). The maximum recommended distance between units is 100m. As with the PPM paging console, the CD-16 zone buttons can represent a single zone or group of zones and are easily programmed through the system GUI using "drag and drop" functionality. The

Push-To-Talk button can be programmed for PTT or latching operation. System status indicators show the status of all zones and indicators are also provided for Power, EVAC and Fault.

The CD-16 is powered over RS485 via CAT-5 (FTP/STP), however if power is not available over RS485 it can be locally powered using a 24V DC supply.

Note:

There are two versions of the CD-16 paging console with identical hardware and functionality but different firmware for compatibility with different systems.

CD-16-AS

Used with IDA8 system and ECS system controllers and slaves (max one monitored CD-16 per PDC port with up to 10 units daisy-chained from each. An external power supply should be added for every third unit in the chain).

CD-16-G2

Used with DIVA8 system controllers (max 11 CD-16 in a daisy-chained configuration, only first unit is monitored. An external power supply should be added for every third unit in the chain).

The ATEIS range of security systems complies with current architectural demands requiring IP and/or fibreoptic networking to cater for any possible PAVA design, however complex. ATEIS responds to Public Address and Voice Alarm requirements as stated in EN54-16, ISO 7240-16 and BS5839/8, with specific attributes for compliance in large installations.

CONTROLS AND INDICATORS

FRONT

- Three LED status indicators
- Activity indicators
- Zone selection buttons
- LED test
- Fireman's fist microphone with PTT

INTERCONNECTIONS

- RJ45 for CAT-5 connection (POE)



PPM-IT5

**FULL COLOR TOUCH-SCREEN
SECURE PAGING CONSOLE**

CONTROLS AND INDICATORS

- 5" full color touch-screen, 800x480 pixels
- Three LED status indicators
- Three hardware function keys-buttons
- 280 mm gooseneck microphone

INTERCONNECTIONS

Rear

- RJ45 for CAT-5 connection
- 3.5mm mini-jack for headset
- Additional power supply connector for long-line support

PARTS INCLUDED

Quantities	Components
PPM-IT5	
1	PPM-IT5
1	CAT-5 cable, 1.5m
1	AC-DC power adapter

TECHNICAL SPECIFICATIONS

Electrical

Voltage	18 ~30VDC PoE: 24VDC
Power consumption	250mA

Performance

Frequency response	±3dB @ 100Hz to 18kHz
THD	< 1% @ 1kHz
Output level Max	6dBu
Noise gate threshold	-84dBu ~ -24dBu
Attack time	8ms
Release time	100ms
Output impedance	100ohm

Monitoring speaker

Impedance	4ohm
Output power	1W @ 1kHz
Frequency response	±3dB @ 200Hz to 12kHz

Headset

Connector	2 x 3.5mm mini-jack
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System Connection

Cable type	CAT-5 (FTP)
Length	100m

Mechanical

Dimensions (H x W x D)	80 x 250 x 140mm (3-1/5" x 9-4/5" x 5-1/2")
Weight	1.1kg (2.4lb)
Color	RAL7016

Environmental

Operating temperature	-5°C ~ 55°C (23°F ~ 131°F)
Storage temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Relative humidity	15% to 90%
Air pressure	600 to 1100hPa
Heat Dissipation	20BTU/hr

Manufacturer reserves the right to alter specifications without notice

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