

APM16

Digital Paging Microphone

AUDAC

► Features

- Very reliable digital gooseneck microphone
- Fitted with cardioid condenser capsule
- Functioning is digitally monitored
- Priority levels can be indicated
- Indication shows value of the output level
- 16 zones selectable
- Built-in compressor/limiter
- Push to talk function

► Applications

- Public buildings
- Fire departments
- Warehouses
- Business offices
- Sports sites
- Must be combined with the ARU intelligent relay units



The APM16 is a digital microphone designed to be used in paging and evacuation systems. This is a type of paging microphone with 16 zones.

The gooseneck microphone is fitted with a condenser capsule which has a cardioid sensitivity characteristic.

By means of a built-in compressor limiter, the output level of the microphone signal is constantly maintained.

There's an indication on the front panel which shows the value of the output level, giving the speaker confirmation of a clearly reproduced message.

The functioning of the unit, namely from the microphone cell to the output of the preamplifier, is digitally monitored. In the event of malfunctioning, an error message is displayed.

This is necessary to ensure that in case of an evacuation announcement, the message from the paging console is 100% reliable.

At the top of the appliance, there's an indication which shows whether the data line of the appliance is busy. This function is programmable by different levels of priority for different paging stations.

Furthermore, there are 3 buttons on the control panel with standard functions: "PTT" (push to talk), "select all" and "clear". The other 16 buttons are used for zone selection.

This optional programming permits "zone selection" to be additionally programmed in "layers" (max. 3), so that a maximum of 39 zone selections can be achieved. The standard used data bus is RS485, but through an optional interface, other data bus standards can also be used.

► Specifications

SYSTEM SPECIFICATIONS	
Max power consumption	4.8 W
Impedance microphone	200 Ohm
Sound pressure Max W/1m	120 dB
Frequency response -3dB	150 Hz - 20 kHz
Sensitivity Microphone (1V/Pa)	-44 dB @ 1 kHz +/- 3dB
Power Supply	24 V DC
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	120 x 55 x 190 mm
Weight net	1.1 Kg
Construction	Steel
Connector	RJ45
Digital Control	RS485
Standard Data Bus	RS485
Microphone Type	Electret
Polar Pattern	Cardioid
Colour	Grey (RAL7016)
Output Level	Programmable
Paging Zones	16 (Up to 39 when 3 layers are used)
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight & volume	2 Kg - 0.0012 Cbm

*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products