APM116

Digital Paging Microphone

AUDAC

▶ Features

- Reliable & Versatile
- APM configuration software included
- Both analogue & digital audio transfer
- Modular structure
- Multiple Ding Dong
- Voice File Interface
- Fitted with cardioid condenser capsule
- 16 zones selectable
- Built-in compressor/limiter

▶ Applications

- Public buildings
- Fire departments
- Warehouses
- Business offices
- Sports sites

The APM116 is a sixteen zone fully digitally controlled and monitored paging microphone which can be used for a wide variation of paging purposes, such as priority calls, dispatching and evacuation.

It is designed to be used in combination with AUDAC Digital Matrix Systems, but in combination with the ARU intelligent relay units, it can be applied to any existing sound system.

Due to the freely programmable and modular structure, it can be used for a wide variation of applications ranging from simple & small to the most complex applications at users specific requirements, creating an infinite number of configuration possibilities.

In addition to the standard features for a paging system, the APM system contains some special features such as "Multiple Ding-Dong", and a "Voice File Interface". The "Multiple Ding-Dong" allows to create custom chime tunes which can be played before a message is announced, while the "Voice File Interface" makes it possible to record and upload messages to the APM system, which can be announced later by pushing a button, or at Pre-Defined moments, using the "Real Time Clock" module.

The paging console is fitted with a cardioid gooseneck microphone, and the operation of the system is completely digitally monitored from microphone cell to signal amplifier to detect any malfunction or failure in the system. This is necessary to ensure a 100% reliability of the system in case of en emergency call.

This microphone has three function buttons for: "PTT" (push to talk), "select all" and "clear". The other 16 buttons are used for zone selection. It is possible to program the "Zone Selection" in up to three layers. By this way, a maximum of 39 zone selections can be achieved.

▶ 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