

**AMPERES PD2400 – 24 ZONE DIGITAL DESKTOP PAGING MICROPHONE**

**Applications :**

It is suitable for medium scale installations of up to 24 zones where remote paging with zone selection is required and the paging desk is located at a distance away from the main rack. This digital control paging console shall minimize cabling complexity as well as data loss as control signal is transmitted via RS485 protocol.

**General Requirements :**

The paging microphone shall be a microprocessor-based type that can help to minimize the complexity of cabling works.

The paging microphone shall communicate with the local receivers via a digital data transmission to allow activation of various speaker zones. Announcement to the speaker zone shall either be selected from the paging console individually or with ALL CALL. A 4-tone chime shall be broadcasted together with the encoded signal prior to activation of microphone.

Zone activation indicators shall be located at the paging microphone to show the activation of the each zone.

This microprocessor paging microphone shall capable for future expansion, in which this system can be used to send paging announcement to other particular zones which is located in another blocks or vice versa, provided same equipment is supplied.

**Specifications :**

The desktop paging microphone shall comprise the following specifications:

System	:	Condenser microphone
Output Impedance	:	600 Ohm
Output Level	:	Line level (1.2 V max) : Balance output
Chime	:	4 tone chime (up/ down)
Frequency Response	:	100- 12 kHz
Signal to Noise Ratio	:	60dB
Indicators	:	Chime active LED Ready to talk LED Zone active LED Mic ring
Power Supply	:	12 / 24V DC
Power Consumption	:	150mA
Line Out Connection	:	¼" stereo phone jack
Data Connection	:	9 pin D connectors
Operating Distance	:	up to 1 km