

AMPERES PD2800 –DIGITAL DESKTOP PAGING MICROPHONE

Applications :

It shall be suitable for medium to large scale installations of up to 256 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 with LCD display for ease of programming and paging controls.

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.

Multiple numbers of paging console can be installed in system and each unit can be assigned to a priority level, ie. Higher priority unit shall be able to override a lower level console.

The paging microphone shall be adaptable to any new components to be added in future, such as hybrid digital or matrix system, or mixture of both. It shall also be capable for future expansion, in which it can be linked to IP network adaptor for expanded network in LAN environment.

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	:	LCD display
Zone Grouping	:	9 groups
Group Capacity	:	12 zones
Priority Setting	:	9 levels
Power Supply	:	12 / 24V DC
Power Consumption	:	0.42 A
Data Connection	:	RJ45
Operating Distance	:	up to 1 km