

# PD2400

## 24 Zone Digital Paging Microphone

PD2000 SERIES



PD2400 is suitable for mid size installations of up to 24 zones. It can be located away in a distance of around 500m which utilizes RS485 for data communication whereas the audio by using balanced line signal.

The unit has individual key for zone selection with 4 groups and ALL CALL. 4 tone chime is incorporated and shall be activated prior and after a paging.

It shall be used with Amperes TD6801 or TD6240 decoder unit before connected to the speaker zone selector for zone activation.

### FEATURES

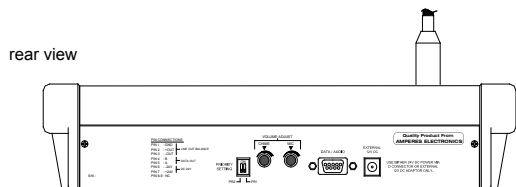
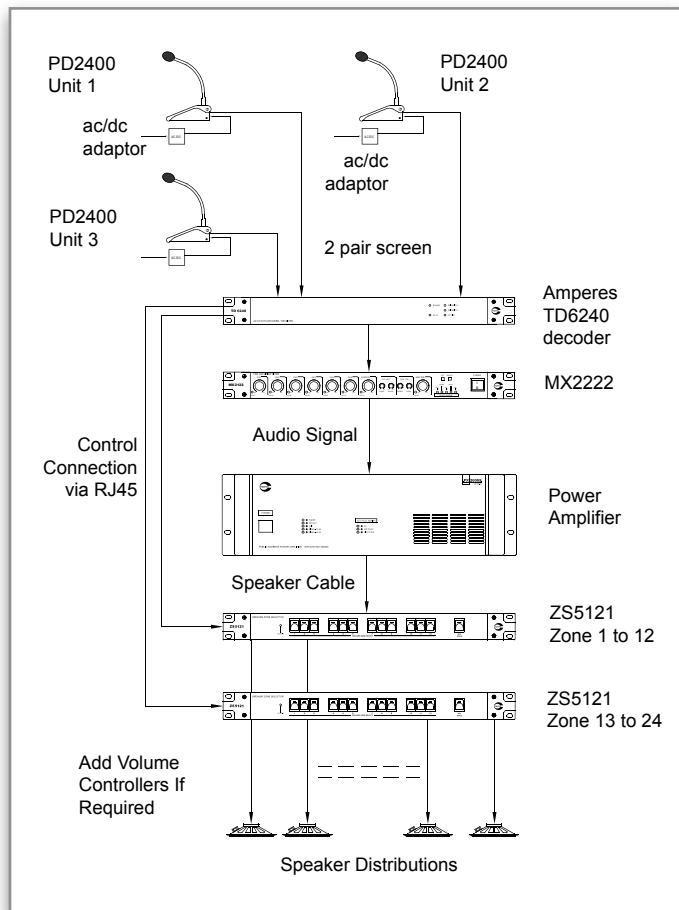
- 24 zone paging control with 4 fixed groups and ALL CALL
- RS485 data transmission for long distance remote paging
- Balanced line output for low noise audio connection
- Multi point paging with priority level setting ; up to 3
- PD2400 can be connected to a single TD6801 or TD6240
- 4 tone pre and post announcement chime
- BGM muting at zone selector when mic is activated ; bypassing zone selection at rack level
- Chime and mic volume control
- High sensitivity condenser microphone
- 12V or 24V DC powering, whichever convenient



### TECHNICAL SPECIFICATIONS

Power requirement	24V DC via D9 connector / ext 12V DC pwr adaptor
Power consumption	170 mA
Zone selection	24 individual zone key 4 groups ( preset of 6 zones ) ALL CALL
Microphone	Condenser mic ; cardioid
Output impedance	600 Ohm
Output level	1.2 V ( line output )
Output controls	Chime and mic level
Data output	RS485 ; 19.2 KB / s
Data connection	D9 connector
Operating distance ( data )	Up to 1000 m
Audio distance	Typ 500 m ( up to cable size )
Chime	4 tone up and 4 tone down
Indicators	Mic ring, zone
Frequency response	100 ~ 12 KHz
S / N ratio	> 60 dB
Gooseneck mic length	400 mm
Dimensions (WxHxD)	292 x 62 x 186 mm
Weight ( kg )	1.2 kg ( excl. adaptor )

### APPLICATION SCHEMATIC



### packing information

Qty per carton : 1 unit  
W x H x D : 525 x 85 x 270 mm  
Weight : 2.0 kg

PAGING MICROPHONES