

PX 8240

Six Zone Mixing Amplifier



Feature

PX 8240 is a Six zone PA Mixer Amplifier with different choice source module and having TEL/EMG, 7 input, MOH output, priority control. It can extend to 54 Zone with zone expander (PEX8000). With the Zone paging station it can make a call to different zone. An extra power Amplifier is needed to build a NON interrupt BGM system and have Output Power rating from 240 Watt.

- 8Ω/70V/100V system.
- Priority function.
- TEL > MIC1 > MIC2 > MIC3-6/AUX.
- AC or DC powered.
- Tabletop or System Rack-mount.

Accessory:

- PPS-A All-Call Microphone.
- PPS-06 Six Zone Paging Station.
- PPS-EX Zone Extension Station.
- PWP-06 Six Zone Wall Control Panel.
- MSB-CD7 SD/USB/CD/TUNER module.
- MSB-MSG Messenger module.
- MSB-AIO All in one (SD/USB/TUNER) module.

Performance	PX 8240
Max Rated Output	240W
Power 1kHz, ≤ 1% THD	
Input Sensitivity & Impedance	MIC1-6 (MIC/Line): 1.5mV @600Ω /200.0mV @47kΩ, Balanced AUX1: 500mV @10kΩ, Unbalanced AUX2-3: 200mV @10kΩ, Unbalanced TEL: 100V/10 0mV @600Ω, Balanced POWER IN: 1V @600Ω, Unbalanced Ext Amplifier IN: 100V Dry contact
Tone Control	Base: 100Hz, ±10dB Treble: 10kHz, ±10dB
Frequency Response	MIC1-4/LINE: 60Hz-15kHz, +1/-3dB AUX/CD: 50Hz-20kHz, +1/-3dB TEL: 100Hz-15kHz, +1/-3dB
S/N Ratio	MIC1-6 > 60dB LINE1-2 > 70dB AUX1-3 > 75dB TEL > 70dB
Phantom Power	24V
Output	MOH Out: 8Ω/1W, 1V @600Ω REC Out: 1V RCA Unbalanced PRE Out: 1V RCA Unbalanced Ext Amplifier Out: 1V Balanced Direct Out: 8Ω/70V/100V Z1-6 Out: 100V Dry contact
Power On Remote IN	24VDC/100mA
DC IN	24V/16A
Chime	OFF/1/2/4 tone
Nominal AC Line Voltage	115V/230V, 50/60Hz
Operation Temperature / Humidity	-10°C ~ +45°C @ 95% R.H. (Non-Condensing)
Storage Temperature	-20°C ~ +70°C
Dimensions (W x D x H)mm	430 x 365 x 133
Weight	18.0kg



- Source module area.
- MIC1-4 level control.
- MIC1-4 Hi/Lo level control.
- MIC5-6/LINE1-2 level control.
- MIC5-6/LINE1-2 Hi/Lo level control.
- AUX1-3/Source module level control.
- AUX1-3/Source Hi/Lo level control.
- AUX Select button (Remote/Source/AUX1/AUX2/AUX3)
- Remote/Source /AUX1-3 LED indicator.
- Master VR controls total outputs level.
- Fault LED indicator for amplifier fault (shorted, No pilot tone)
- Power ON LED indicator.
- Zone 1 & 6 output Attenuator VR.
- Zone 1 & 6 LED indicator.
- Zone 1 & 6 select button.
- All Zone select button.
- VU-Meter.

Front Panel

Rear Panel

- FMIAM Antenna connector
- Ext AMP IN 100V, Dry contact
- Zone 1-6 100V output.
- MOH output 1V/600ohm, 1W/8ohm, Phoenix c^onnector.
- MOH output level control.
- TEL/EMG 1V/100V Input Phoenix connector.
- TEL/EMG level control.
- Paging Station RJ45 connector.
- Wall Control Panel RJ45 connector.
- Ext Amplifier out: XLR Balanced
- REC Out: RCA (MONO) Output
- PRE OUT: RCA (MONO) Output
- POWER IN: RCA (MONO) Input.
- VOX VR controls vox level.
- To PEX8000: RJ45 connect to Next unit (PEX8000)
- MIC1: COMBI/RJ45 Balance Input with Trigger function.
- MIC2: COMBI Balance Input with VOX function.
- MIC1-2 Dipswitch for PTT/ Phantom Enable.
- MIC3-4: COMBI Balance Input with VOX function.
- MIC3-4 Dipswitch for Phantom Enable.
- MIC5-6: COMBI Balance Input with VOX function.
- MIC5-6 Slide switch for MIC/LINE sensitivity select and Phantom Enable
- AUX1: COMBI Balance Input.
- AUX2-3: RCA Unbalance Input.
- CHIME VR controls chime output level.
- Dipswitch:
 - CHIME OFF/1/2/4 Tones.
 - MICROPHONE input priority (FIFO, LIFO, MIX, OFF)
 - 20kHz Pilot-tone On/OFF to monitor Amplifier errors.
 - Mode for 1 Channel (Interrupt BGM) or 2 channel mode (NON-interrupt BGM)
- Power Remote Phoenix connector to remote power on the unit with 24VDC IN.
- Direct Output: 8Ω/ 70V/100V, Phoenix connector.
- 24VDC In to powered the unit, Phoenix connector.
- AC Inlet
- AC Voltage switch
- Power ON/OFF switch.

