

PX 9100

Six Zone Mixing System with Trigger-In



Feature

PX 9100 is a Six zone PA Mixer System and having TEL/EMG, 5 input, MOH output, priority control. It can extend to 56 Zone with zone expander (PEX9100). With the Zone paging station it can make a call to different zone. An extra power Amplifier is needed for a working system. To build a NON interrupt BGM system then 2 amplifiers is needed.

- 100V system.
- Priority function.
TEL > MIC1 > MIC2 > MIC3-4 > PAGING > 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-06D Six Zone Digital Wall Control Panel.

Performance	PX 9100
Input Sensitivity & Impedance	MIC1-4 (MIC/Line1-2): 1.5mV @600Ω/200.0mV @47kΩ, Balanced AUX1-2: 200mV @10kΩ, Unbalanced PAGING IN: 200mV @10kΩ, Unbalanced TEL: 100V/100mV @600Ω, Balanced Ext Amplifier IN: 100V Dry contact
Tone Control	Bass: 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	MIC1-4 > 60dB LINE1-2 > 70dB AUX1-2 > 75dB TEL > 70dB
Phantom Power	24V
Output	MOH Out: 80/1W, 1V@600Ω PRE Out: 1V RCA Balanced Interm Amplifier Out: 70V/100V Z1-6 Out: 100V Dry contact
Trigger Out	Dry contact 24V/2A
Trigger IN	Optocoupler, max: 24VDC IN
DC Out	24V/800mA
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	10.0kg



- MIC1-2 level control.
- MIC1-2 Hi/Lo level control.
- MIC3-4/LINE1-2 level control.
- MIC3-4/LINE1-2 Hi/Lo level control.
- AUX1-2/Source (Wall panel) level control.
- AUX1-2/Source (Wall panel) Hi/Lo level control.
- AUX Select button (Source(Wall panel)/AUX1/AUX2)
- Source(Wall panel)/AUX1-2 LED indicator.

- LCD to show information (volume)
- Control Button for setup the system, (Menu, +, -, ok, cancel, Reset)
- Up and Down button to control Master total outputs level.
- Priority indicator.
- Power ON LED indicator.
- Zone 1 & 6 LED indicator.
- Zone 1 & 6 select button.
- All Zone select button.

Front Panel

Rear Panel

- MOH output 1V/600ohm, 1W/8ohm, Phoenix connector.
- MOH output level control.
- TEL/EMG 1V/100V Input Phoenix connector.
- TEL/EMG level control.
- Paging Station RJ45 connector.
- Wall Control Panel RJ45 connector
- Trigger In Phoenix Connector:
 - 9 optocoupler, PAGING Input get priority if this is shorted, 24VDC IN
 - NC-COM-NO: Dry contact that is activated when paging.
- Trigger Out Phoenix Connector:
 - 10 Output, dry contact.
 - 24VDC/800mA output.
 - Dry contact that will be closed in case of a fault is detected in the main unit.

- AMP 1-2 IN 100V Dry contact.
- Zone 1-6 100V output, Dry contact.
- 24VDC In to powered the unit, Phoenix connector.
- MIC1: COM/BIP/J45 Balance Input with Trigger function.
- MIC2: COM/BI Balance Input with VOX function.
- MIC1-2 Dipswitch for PTT/Phantom Enable.
- MIC3-4 COM/BI Balance Input with VOX function.
- MIC3-4 Slide switch for MIC/LINE sensitivity select and Phantom Enable.
- AUX1-2: RCA Unbalance Input.
- PAGING: RCA Unbalance Input.
- PAGING Input Level control.
- PRE OUT1-2: XLR Balanced, to connect to Amplifier.
- To PEX9100: RJ45 connect to Next unit (PEX9100).

- CHIME VR controls chime output level.
- Dipswitch:
 - CHIME OFF/1/2/4 Tones.
 - MICROPHONE input priority (P/F/O, L/F/O, M/X, OFF).
 - Firmware upgrade Enable/Disable.
 - 20kHz Pkt-Tone On/OFF to monitor Amplifier errors. (Mode for 1 Channel (interrupt BGM) or 2 channel mode (NON-interrupt BGM).
- RS232 connector for upgrade firmware.
- AC Inlet.
- AC Voltage switch.
- Power ON/OFF switch.

