

PEX 9100

Six Zone Expander

- AC or DC powered.
- Tabletop or System Rack-mount.



- Z1 ~ 6 zone select button.
- Z1 ~ 6 zone LED indicator.
- AUX select button.
- AUX LED indicator.
- Power ON LED indicator.

Performance	PEX 9100
Max Rated Output	≤ 1%
Power THD	
Input Sensitivity & Impedance	RJ45 : 1V, Balanced AUX: 1V@10kΩ, Unbalanced AMP1~2: dry contact 100V
Frequency Response	RJ45 / AUX: 20Hz~20kHz, ±1dB
S/N Ratio	RJ45 >75dB AUX >75dB
Output	AMP1 & 2: 1V Balanced Zone1~6: dry contact for 100V
Trigger Out	Dry contact 24V/2A
Trigger IN	Optocoupler, max 24VDC IN
DC Out	24V/800mA
DC IN	24V/2A
Power On Remote IN	24VDC/100mA
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 222 x 44
Weight	3.0kg

Feature

PEX 9100 is Zone expander for PX 9100 series to expand a small PA system up to 56 Zone with NONE-interrupt BGM function.

With trigger in it can call a zone and with trigger out it can connect to 3e party equipment such as lamp, door opener, volume override etc..

Front Panel

Rear Panel

- Z1~6 zone 100V output dry contact, Phoenix connector.
- AMP1~2 100V/4N dry contact, Phoenix connector.
- AMP1~2 XLR Balanced Output.
- Trigger In:
 - 10 optocoupler Input, 24VDC IN
 - NC-COM-NO fault error output, dry contact
- Trigger Out:
 - 10 Output, dry contact
 - 24VDC /800mA output
- AUX: RCA Unbalance Input.
- AUX VR controls the aux level.
- IN: RJ45 connect to Previous unit (PX9100/PEX9100)
- OUT: RJ45 connect to Next unit (PEX9100)
- Dipswitch for setup ID address
- 24VDC In to powered the unit, Phoenix connector.
- Power ON/OFF switch.
- AC Voltage switch.
- AC Inlet.

