

# PA 8000 Series

## Two Zone Mixing Amplifier



### Feature

PA 8000 series is a PA Mixer Amplifier with 2 Zone, TEL/EMG, 7 input, MOH output, priority control and have Output Power rating from 120/240 Watt.

- Extend connection:
  - Wall panel control
  - Call station with zone control
- 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-02 Two Zone Paging Station
- PWP-02 Two Zone Wall Control Panel

Performance	PA 8120	PA 8240
Max Rated Output	120W	240W
Power 10Hz, ≤ 1% THD		
Input Sensitivity & Impedance	MIC1-4: 1.5mV @600Ω, Balanced MIC5-6 (MIC/Line): 1.5mV@600Ω/ 100.0mV @47kΩ, Balanced AUX1: 500mV @47kΩ, Unbalanced AUX2-3: 200mV @47kΩ, Unbalanced TEL: 100V/100mV @600Ω, Balanced Paging Station: 1V @47kΩ, Balanced POWER IN: 1V @47kΩ, Unbalanced	
Tone Control	Bass: 100Hz, ±10dB Treble: 10kHz, ±10dB	
Frequency Response	MIC1-6/LINE: 100Hz-15kHz, ±1/3dB AUX1-3: 50Hz-20kHz, ±1/3dB TEL: 100Hz-15kHz, ±3dB AUX1-3 > 75dB TEL > 70dB	
S/N Ratio	MIC1-6 > 60dB / LINE > 75dB AUX1-3 > 75dB TEL > 70dB	
Phantom Power Output	15V MOH Out: 8Ω/1W, 1V @600Ω EXT. Amplifier: 1V Balanced REC Out: 1V Unbalanced PRE Out: 1V Unbalanced Zone1-2: 100V Direct Out: 8Ω/70V/100V	
DC IN	24V/8A	24V/16A
Power On Remote IN	24VDC	
Chime	2 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 385 x 88	
Weight	11.0kg	14.0kg



- 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 level control.
- AUX1-3 Hi/Lo level control.
- AUX Select button (AUX1/AUX2/AUX3).
- AUX1-3 LED indicator
- Zone 1 & 2 output select button.
- Zone 1 & 2 LED indicator
- Master VR controls total outputs level.
- VU-Meter
- Power ON LED indicator.

#### Front Panel

#### Rear Panel

- TEL/EMG Input Phoenix connector.
- TEL/EMG level control.
- MOH output 1V/800ohm, 1W/8ohm Phoenix connector.
- MOH output level control.
- 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.
- MIC3-4 Dipswitch for Phantom Enable.
- MIC5-6: COMBI Balance Input.
- MIC5-6 Slide switch for MIC/LINE sensitivity and Phantom Enable.
- AUX1: COMBI Balance Input.
- AUX2-3: RCA Unbalance Input.
- CHIME on/off switch.
- Paging Station RJ45 connector to connect to PPS-02
- Wall Control Panel RJ45 connector to connect to PWP-02
- Ext Amplifier: XLR Balanced Output.
- REC OUT: RCA (MONO) Output.
- PRE OUT: RCA (MONO) Output.
- POWER IN: RCA (MONO) Input.
- VOX VR controls vox level.
- CHIME VR controls chime output level.
- CHIME dipswitch to select OFF/1/2/4 Tones.
- Power Remote Phoenix connector to remote power on the unit with 24VDC IN.
- Zone1 & 2 Output: 100V, Phoenix connector.
- Direct Output: 8Ω/ 70V/100V, Phoenix connector.
- 24VDC In to powered the unit, Phoenix connector.
- AC Inlet
- AC Voltage switch
- Power ON/OFF switch.

