



Installation PA Amplifiers

PAM-3001

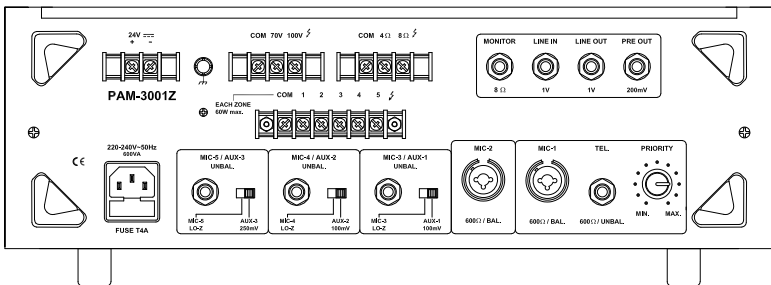
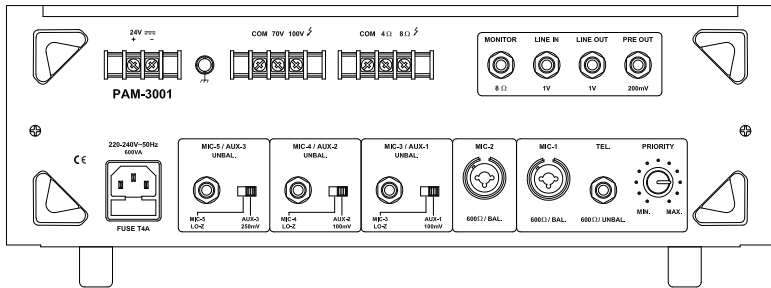
325 WATTS ■ AC & 24V DC Operation


- 5 Mic, 3 Aux & 1 Telephone Inputs.
- 2 Balanced Mic Inputs through Combo (Female XLR socket cum 1/4" Stereo Phone Jack) connectors.
- Mic-1 and Telephone Input provided with Voice Operated PRIORITY over all other programmes.
- Preamp and Line Output for recording the programme and connecting to a booster amplifier.
- Line Input for connecting an external audio mixer or permitting PAM-3001 to be used as a Booster Power Amplifier.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- 19" Rack mountable.

PAM-3001Z

325 WATTS ■ AC & 24V DC Operation

- 5 Mic, 3 Aux & 1 Telephone Inputs.
- Features and specifications are similar to PAM-3001.
- PAM-3001Z has the additional feature of distributing the total load of 100V line amongst 5 speaker zones, allowing the output to designated areas. The zones are selectable through a zone selector push-button switch on the front panel.
- Ideal for use in commercial establishments where the building may be sectionised in different areas such as office, warehouse, workshop etc.
- 19" Rack mountable.



Ahuja models PAM-3001 and PAM-3001Z have been designed for both tabletop use and 19" rack mounting. Ideal for fixed installations in a wide variety of PA applications such as in departmental stores, schools, hospitals etc. The amplifiers carry  mark meeting European Union Standard EN60065.

SPECIFICATIONS	PAM-3001	PAM-3001Z
POWER OUTPUT	415W Max., 325W RMS at 10% THD 300W RMS at 5% THD, 275W RMS at 2% THD	415W Max., 325W RMS at 10% THD 300W RMS at 5% THD, 275W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	3 × Mic 0.65mV/4.7kΩ, 2 × Mic 1.0mV/2kΩ, 1 × Line 1V/50kΩ, 2 × Aux 100mV/470kΩ, 1 × Aux 250mV/470kΩ, 1 × Telephone 150mV/10kΩ	3 × Mic 0.65mV/4.7kΩ, 2 × Mic 1.0mV/2kΩ, 1 × Line 1V/50kΩ, 2 × Aux 100mV/470kΩ, 1 × Aux 250mV/470kΩ, 1 × Telephone 150mV/10kΩ
FREQUENCY RESPONSE	50-15,000Hz ±3dB	50-15,000Hz ±3dB
SIGNAL TO NOISE RATIO	60dB	60dB
TONE CONTROLS	Bass: ±10dB at 100Hz, Treble: ±10dB at 10kHz	Bass: ±10dB at 100Hz, Treble: ±10dB at 10kHz
OUTPUTS	Preamp 200mV/600Ω, Line 1V/1kΩ	Preamp 200mV/600Ω, Line 1V/1kΩ
SPEAKER OUTPUTS	4Ω, 8Ω, 70V & 100V	4Ω, 8Ω, 70V & 100V
POWER SUPPLY	AC: 220-240V 50/60Hz DC: 24V (2×12V Car Battery)	AC: 220-240V 50/60Hz DC: 24V (2×12V Car Battery)
POWER CONSUMPTION	AC: 600VA DC: 7A	AC: 600VA DC: 7A
DIMENSIONS	W482 × H133 × D390 mm	W482 × H133 × D390 mm
WEIGHT	19.8kg	19.8kg