

FV-224PA-AS

POWER AMPLIFIER



The FV-224PA features 240W rated output with high capacity for audio requirement

Key features

Specifications

*0 dB = 1V

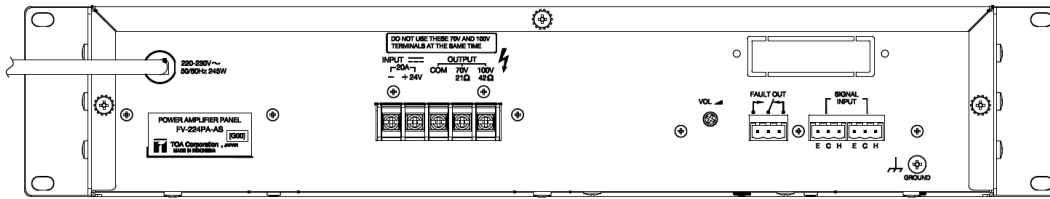
Power Source	AC: 220 - 230 V AC, 50/60 Hz DC: 24 V DC (operating range: 19.5 - 27 V) M4 screw terminal, distance between barriers: 12mm
Current Consumption	DC at rated output: 15 A (condition: DC27V) DC at no signal: 0.3 A IEC60065: 5.8 A
Power Consumption	AC at rated output: 565 W (condition: AC230V) AC at no signal: 22 W IEC60065: 245 W
Rated Output	240W
Input	2 parallel inputs, 0 dB*, 20 k Ω , balanced, removable terminal plug (3 pins) Input module VP-200VX (Option)
Output Impedance	21 Ω (70 V), 42 Ω (100 V)
Speaker Output	M4 screw terminal, distance between barriers : 12 mm
Control Output	Fault output: Make : Normal, Break : Error or Power Off
Frequency Response	80 Hz - 15 kHz, ± 3 dB, 1 kHz
Total Harmonic Distortion	Under 1% (1 kHz, 1/3 rated output)
Signal to Noise Ratio	Over 60 dB
LED Indicator	Power (Green), Signal (Green), Peak (Red), Fault (Red)
Ventilation	Fan cooling
Operating Temperature	0 °C to +40 °C
Operating Humidity	Under 90% RH (no condensation)
Finish	Panel: Aluminum, black, alumite
Dimensions	482 (W) $\times$ 88.4 (H) $\times$ 337.2 (D) mm
Weight	13.4 kg
Included Accessories	Removable terminal plug (3 pins) x 3, Instruction manual x 1
Optional Accessories	VP-200VX input module

Product rear image

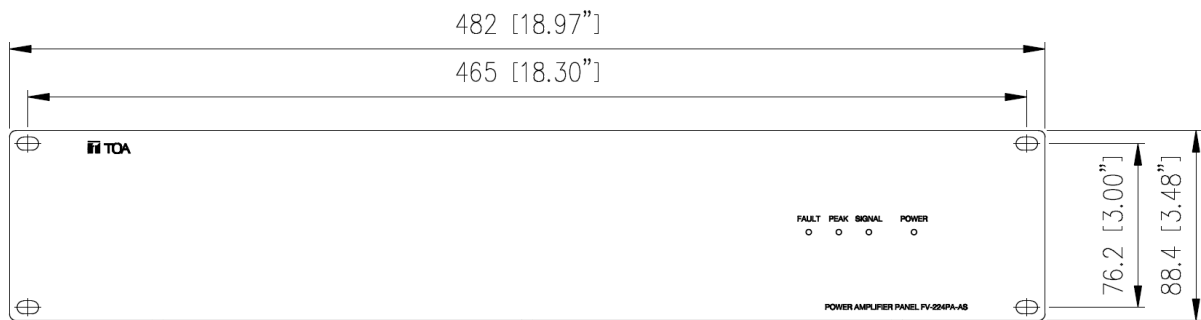


Dimensions

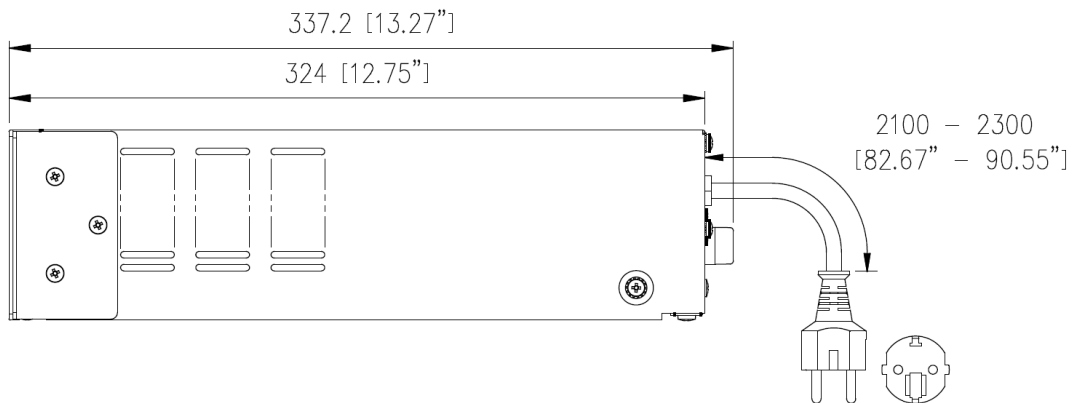
Rear View



Front View



Right View



A&E specifications

The power amplifier shall be capable of operation from a 230VAC, 50/60 Hz or 24 V DC.

The amplifier shall meet the following performance criteria.

The amplifier shall have a fault output: Make: Normal, Break: Error or Power Off.

Power output shall be 240 W at less than 1% (1K Hz, 1/3 rated output).

Frequency response shall be 80 to 16k Hz, ± 1 dB. S/N ratio shall be over 60 dB.

Input impedance shall be 2 inputs, 0 dB*, 20 k Ω , balanced, removable terminal plug (3 pins). Load impedance shall be 21 Ω (70V), 42 Ω (100V).

An option VP-200VX input module card is required when connect with VX-2000 system.

It shall have an operation temperature of 0°C to +40°C.

The amplifier shall have a heat ventilation fan.

The front panel shall have four LED indicators to indicate the following conditions Power, Peak, Signal and Fault.

The front panel finish shall be black aluminium, alumite. The power amplifier shall be 2U, 19" rack-mounted.

The amplifier's dimensions shall be 482 (W) x 88.4 (H) x 351.3 (D) mm and its weight shall be 13.3kg.

The power amplifier shall be TOA model FV-224PA AS.