

## FV-248PA-AS

### POWER AMPLIFIER



The FV-248PA features 480W rated output with high capacity for audio requirements.

### Key features

## Specifications

\*0 dB = 1V

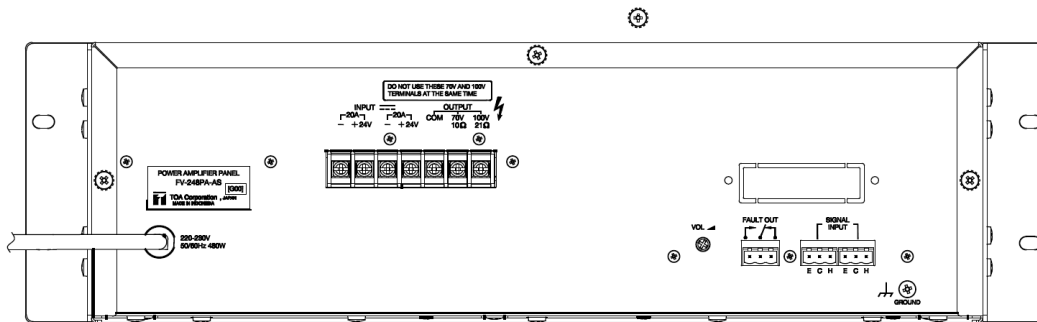
|                           |                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Power Source              | AC: 220 - 230 V AC, 50/60 Hz<br>DC: 24 V DC (operating range: 19.5 - 27 V)<br>M4 screw terminal, distance between barriers: 12mm |
| Current Consumption       | DC at rated output: 30 A (condition: DC27V)<br>DC at no signal: 1.0 A<br>IEC60065: 10.9 A                                        |
| Power Consumption         | AC at rated output: 1110 W (condition: AC230V)<br>AC at no signal: 44 W<br>IEC60065: 480 W                                       |
| Input                     | 2 parallel inputs, 0 dB*, 20 k $\Omega$ , balanced, removable terminal plug (3 pins)<br>Input module VP-200VX (Option)           |
| Output Impedance          | 10 $\Omega$ (70 V), 21 $\Omega$ (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, $\pm 3$ 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) × 132 (H) × 333.2 (D) mm                                                                                                 |
| Weight                    | 18.5 kg                                                                                                                          |
| Included Accessories      | Removable terminal plug (3 pins) x 3, Instruction manual x 1                                                                     |
| Optional Accessories      | VP-200VX input module                                                                                                            |

## Product rear image

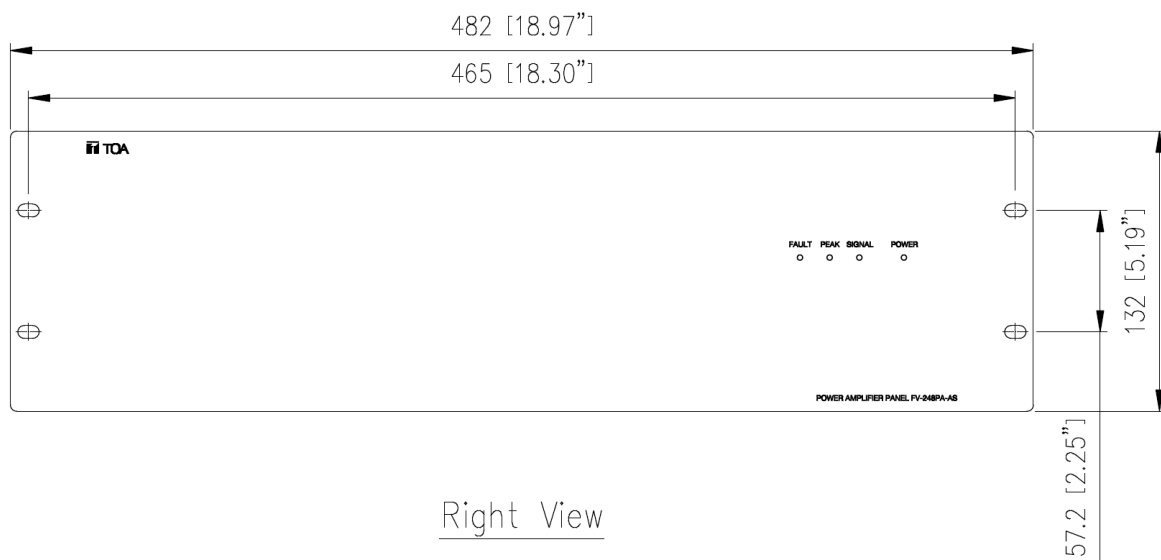


## Dimensions

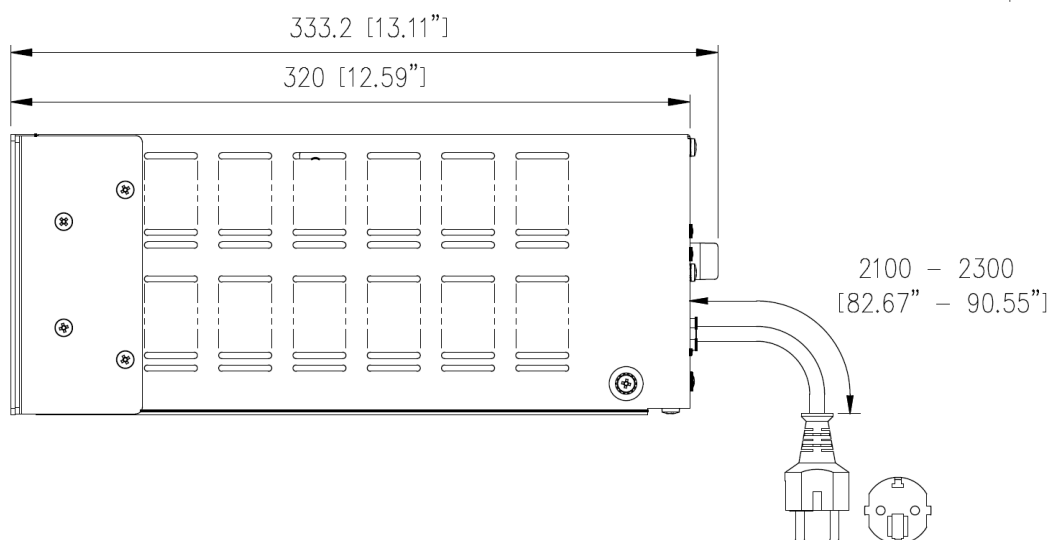
### Rear View



### 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 480 W at less than 1% (1K Hz, 1/3 rated output). Frequency response shall be 80 to 16k Hz,  $\pm 1$ dB. S/N ratio shall be over 60 dB. Input impedance shall be 2 inputs, 0 dB\*, 20 k $\Omega$ , balanced, removable terminal plug (3 pins). Load impedance shall be 10 $\Omega$  (70V), 21 $\Omega$  (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 3U, 19" rack-mounted. The amplifier's dimensions shall be 482 (W) x 132.6 (H) x 361 (D) mm and its weight shall be 18.6kg.

The power amplifier shall be TOA model FV-248PA AS.