

FV-200PP-AS

PRE-AMPLIFIER MIXER PANEL



The FV-200PP Pre-Amplifier Mixer Panel is the basic operation section of the FV-200 Series Emergency Public Address System

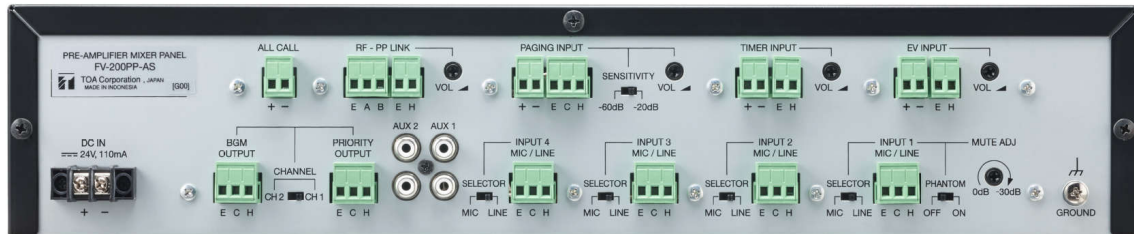
Key features

Specifications

*0 dB = 1 V

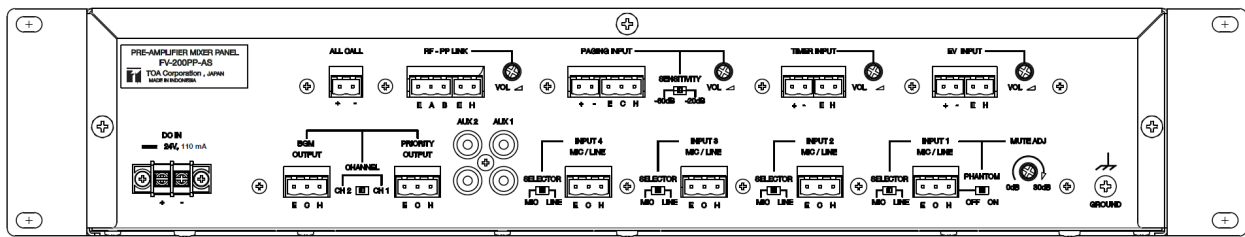
Power Source	Usable power supply unit : FV-200PS 24 V DC (operating range : 19.5 - 27 V), M3 screw terminal
Current Consumption	110 mA
Frequency Response	50 Hz - 15 kHz, ± 3 dB, 1 kHz
Distortion	Under 1% (1 kHz, rated output)
Tone Control	Bass : -10 dB at 100 Hz, +10 dB at 100 Hz (for INPUT BGM) Treble : -10 dB at 10 kHz, +10 dB at 10 kHz (for INPUT BGM)
Signal to Noise Ratio	Over 60 dB
Audio Input	EV : -20 dB*, 600 Ω , unbalanced, removable terminal block (2 pins) Timer : -20 dB*, 600 Ω , unbalanced, removable terminal block (2 pins) Paging : -60/-20 dB* (selectable), 600 Ω , balanced, removable terminal block (3 pins) RF Link : 0 dB*, 600 Ω , unbalanced, removable terminal block (2 pins) MIC/LINE 1 - 4 : -60/-20 dB* (selectable), 600 Ω , balanced, removable terminal block (3 pins) AUX 1 - 2 : -20 dB*, 10 k Ω , unbalanced, RCA Jack
Audio Output	Priority output : 0 dB*, balanced, removable terminal block (3 pins) BGM output : 0 dB*, balanced, Removable terminal block (3 pins)
Phantom Power	MIC/LINE 1 (selectable) (+21 V DC)
Control Input	Timer : No-voltage make contact input, open voltage : 24 V DC, short-circuit current : Under 5 mA, removable terminal block (2 pins) Paging : No-voltage make contact input, open voltage : 24 V DC, short-circuit current : Under 5 mA, removable terminal block (2 pins) EV : No-voltage make contact input, open voltage : 24 V DC, short-circuit current : Under 5 mA, removable terminal block (2 pins)
Control Output	All Call : Contact Switch (Normally Open), removable terminal block (2 pins)
Muting	MIC/LINE 1 : Mutes other input signals (Mic/Line 2 - 4, AUX 1 - 2) by 0 - 30 dB attenuation
LED Indicator	Power (Green)
Operating Temperature	0 °C +40 °C
Operating Humidity	Under 90% RH (no condensation)
Finish	Front Panel : Aluminum, black, alumite
Dimensions	482 (W) X 88.4 (H) X 353.3 (D) mm
Weight	4.2 kg
Included Accessories	Removable terminal plug (2 pins) x 7, removable terminal plug (3 pins) x 8, Instruction Manual x 1

Product rear image

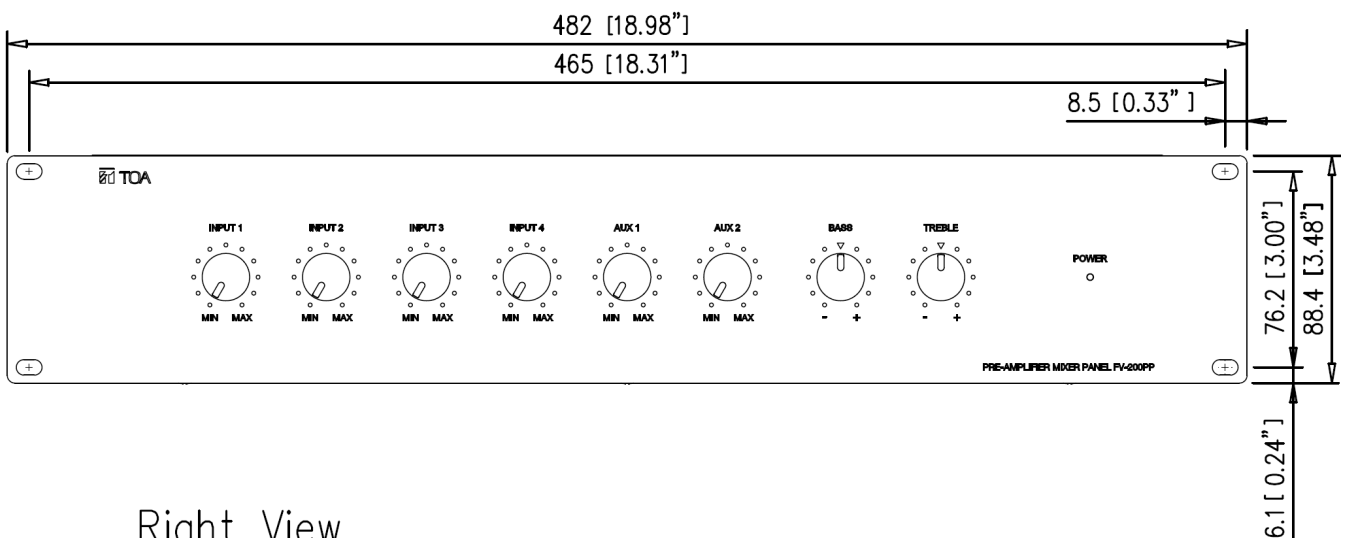


Dimensions

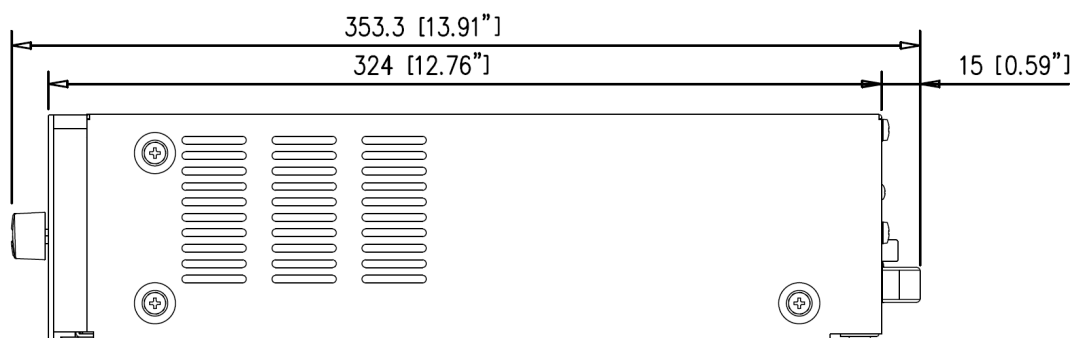
Rear View



Front View



Right View



A&E specifications

The pre-amp mixer panel shall be 2U size, 19" rack mounted and have 4 selectable monaural mic/line inputs, 2 Aux inputs and 4 priority audio input. There are 2 selectable channels audio output and an All Call contact. The highest priority order shall be Fireman microphone, follow by EV, Paging, Timer, Remote microphone, microphone and BGM.

The audio inputs shall be: EV: -20 dB*, 600 ohms, unbalanced, Removable terminal block (2pins) Timer: -20 dB*, 600 ohms, unbalanced, Removable terminal block (2pins) Paging: -60/-20 dB* (selectable), 600 Ω , balanced, Removable terminal block (3pins) RF Link: 0 dB*, 600 ohms, unbalanced, Removable terminal block (2pins) MIC/LINE INPUT 1: -60/-20 dB* (selectable), 600 Ω , balanced, Removable terminal block (3pins), phantom power switch and mute function. MIC/LINE INPUT 2 - 4: -60/-20 dB* (selectable), 600 Ω , balanced, Removable terminal block (3pins) AUX1 and 2: -20 dB*, 10k ohms, unbalanced, RCA Jack The audio output shall be: Priority output: 0 dB*, balanced, Removable terminal block (3pins) BGM output: 0 dB*, balanced, Removable terminal block (3pins) Specifications shall include frequency response of 50Hz - 15 kHz, ± 3 dB (1k Hz) and distortion under 1% (1k Hz, rated output).

It shall have an operation temperature of 0°C to +40°C. Power shall be derived from an external 24 V DC/110mA power supply. Front panel LED indicators shall include Power. The front panel finish shall be black aluminium, alumite. Dimensions shall be 482 (W) $\times$ 88.4 (H) $\times$ 339 (D) mm and weight shall be 4.2 kg.

The pre-amp mixer panel shall be TOA model FV-200PP AS.