

VP-2421 INCL

POWER AMPLIFIER



The VP-2421 Power Amplifier features a 420 W-by-1 channels configuration, and uses the VP-200VX Power Amplifier Module per channel.

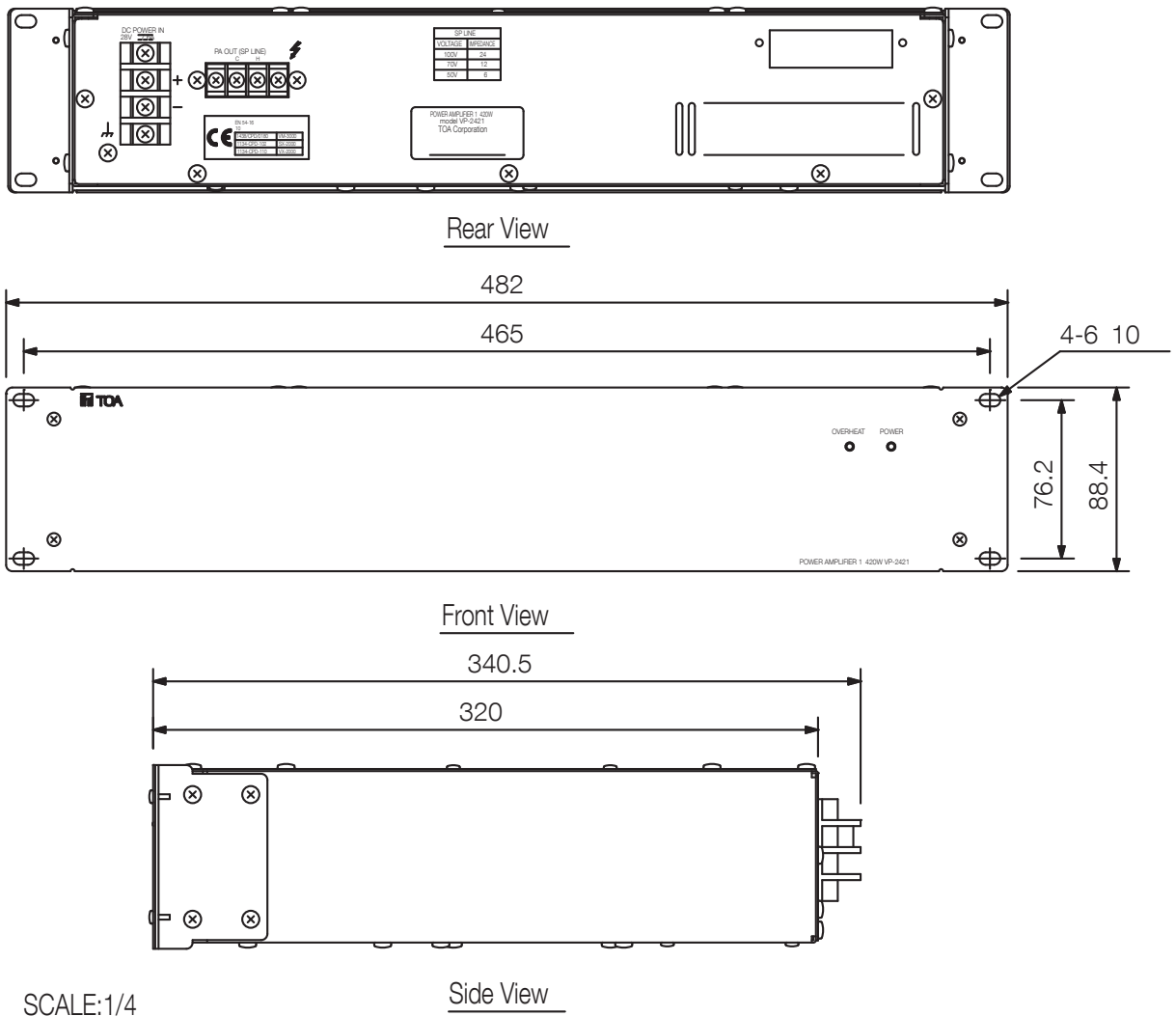
Key features

- Power configuration: 420 W x 1 Channel (VP-2421)
- Usable as standby amplifier for emergency switch over
- Power Amplifier uses 1 VP-200VX or VP-200VX-BGM Power Amplifier Input Module per channel
- Programmable power amplifier standby function extends battery-powered operation time in emergency cases

Specifications

Power Source	28 V DC (operating range: 20 – 40 V DC) M4 screw terminal, distance between barriers: 12 mm
Current Consumption	7.6 A
Rated Output	420 W (at min. resistive and max. capacitive load)
Output Power (at AC Mains: 195.5 V)	320 W (at min. resistive and max. capacitive load)
Output Voltage	100 V (70 V, 50 V: selectable by internal wiring change)
Maximum Capacitive Load	0.5 μ F (at 100 V), 1 μ F (at 70 V), 1 μ F (at 50 V)
Number of Channels	1
Input	Specified by input module VP-200VX
Number of Module Slots	1
Output	Power amplifier output (speaker line): M3.5 screw terminal, distance between barriers: 8.8 mm
Frequency Response	40 Hz – 16 kHz, ± 3 dB (at 1/3 rated output)
Distortion	Under 1% (at rated output, 1 kHz)
Signal to Noise Ratio	Over 80 dB
Operating Temperature	0 to 40 °C
Finish	Panel: Surface-treated steel plate, black (30% glossy), paint
Dimensions	482 (w) x 88.4 (h) x 340.5 (d) mm
Weight	9.5 kg

Dimensions



UNIT:mm

SCALE:1/4

Side View

A&E specifications

Proof against short power amplifier with 420W power on 50V-, 70V-and 100V-Linien, circuit and open circuit-sure, overheating protection. Cross flow air flow by means of temperature-controlled fan cooling. Connecting the loudspeaker outputs on screw terminal. Slot for different input modules. Controllable by the system standby mode with very low power consumption and fast reclosing (< 0.5 seconds).