

VP-2421

POWER AMPLIFIER 1*420W



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

Key features

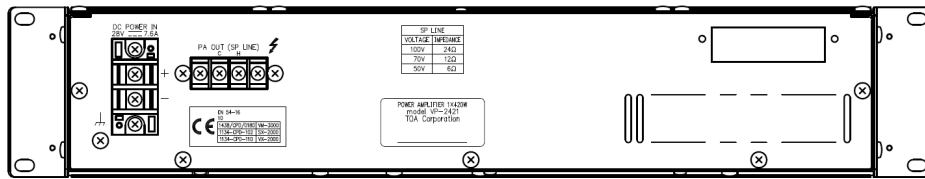
- Power configuration: 420 W x 1 Channel
- Usable as standby amplifier for emergency switch over
- Power Amplifier uses 1 VP-200VX Power Amplifier Input Module per channel
- Programmable power amplifier standby function extends battery-powered operation time in emergency cases

Specifications

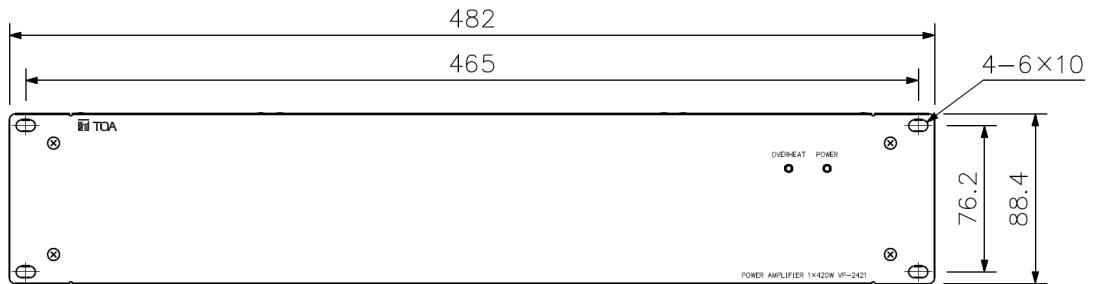
Power Source	28 V DC (operating range: 20 - 40 V DC) M4 screw terminal, distance between barriers: 12 mm
Current Consumption	0.03 A (standby mode), 0/60 A (no audio input), 7.6 A (1/8 rated output, EN60065), 29 A (rated output)
Rated Output	420 W (at min. resistive and max. capacitive load)
Output Power (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)
Minimum Impedance Load	24 Ω (at 100 V), 12 Ω (at 70 V), 6 Ω (at 50 V)
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, usable module: VP-200VX
Output	Power amplifier output (speaker line): M3.5 screw terminal, distance between barriers: 8.8 mm
Frequency Response	40 Hz – 16 kHz, \pm 3 dB (at 1/3 rated output)
Distortion	1% or less (at rated output, 1 kHz)
Signal to Noise Ratio	80 dB or more
Indicator	Channel power indicator: 1 channels, dual color LED Overheat indicator: Yellow LED
Operating Temperature	0 °C 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
Optional Accessories	Rack mounting screw x 4, Fiber washer x 4

Dimensions

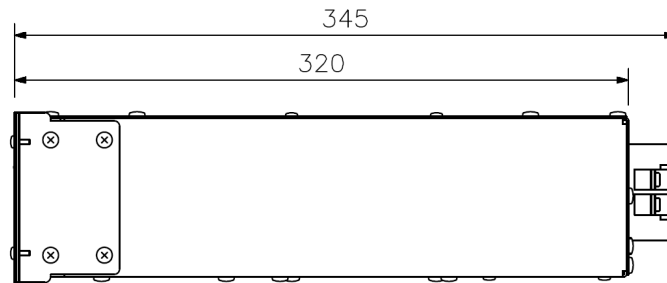
Rear View



Front View



Side View



UNIT: mm

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).