

DESCRIPTION

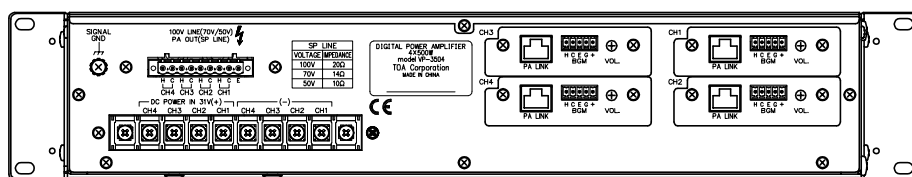
The VP-3504 is an Digital Power Amplifier used for the SX-2000, VX-2000 and VM-3000 systems. It is a 2U rack-mount unit equipped with 4 channels of class-D digital power amplifiers, which contribute to energy-saving and lightweight design. The VP-3504 also features a front-mounted LED indicator for operating status indication and stand-by mode to be set for reducing stand-by power consumption. It requires a dedicated power supply unit VX-3000DS.

SPECIFICATIONS

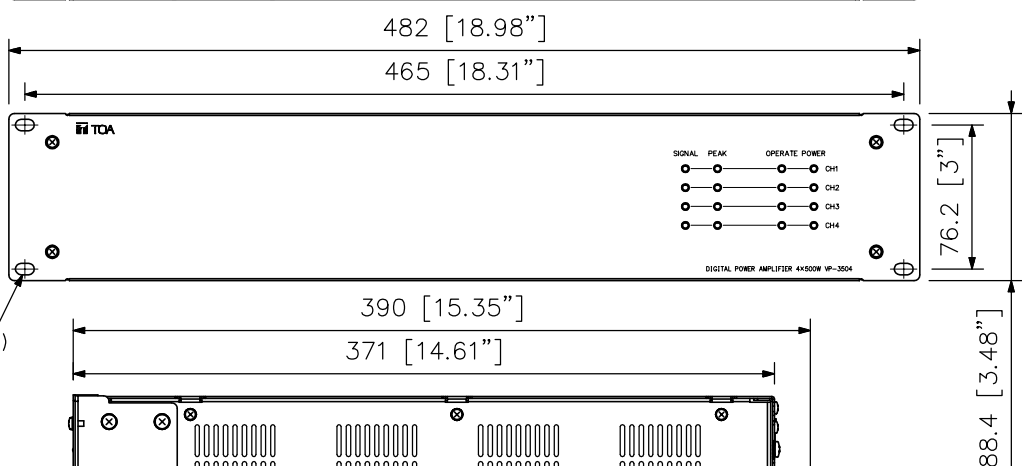
Power Source	31 V DC (operating 20–34 V DC) DC power in: M4 screw terminal, distance between barriers: 11 mm (0.43")
Amplification System	Class D
Current Consumption	13 A in total at 31 V DC (EN60065)
Rated Output Power	500 W × 4 (at 100 V line and min. resistive and max. capacitive load) 350 W × 4 (at 70 V line and min. resistive and max. capacitive load) 250 W × 4 (at 50 V line and min. resistive and max. capacitive load) (at AC Mains of VX-3000DS: 187 V – 253 V)
Output Voltage	100 V (70 V, 50 V: selectable by internal change)
Minimum Resistive Load	20 Ω (at 100 V line), 14 Ω (at 70 V line), 10 Ω (at 50 V line)
Maximum Capacitive Load	0.5 μF
Number of Channels	4
Input	PA link: 4 channels, RJ45 connector BGM: 4 channels, removable terminal block (5 pins) BGM INPUT (H, C, E): –10 dB/0 dB (LINE, changeable), 22 kΩ, electronically balanced BGM MUTE (G, +): no-voltage make contact input, open voltage: 15 V DC, open voltage: 15 V DC, short-circuit current: 2 mA Volume adjustment: 4 channels
Output	PA out (Speaker line): removable terminal block (9 pins) × 1
Frequency Response	40 Hz – 16 kHz, ±3 dB (at 100 V line, 1/3 rated output)
Distortion	1 % or less (at 100 V line, rated output, 1 kHz)
Signal to Noise Ratio	80 dB or more (at 100 V line, A-weighted)
Crosstalk	60 dB or more (at 100 V line, A-weighted)
Panel Indicator	Power indicator × 4 (Green), Operate indicator × 4 (Green), Input signal indicator × 4 (Green), Peak signal indicator × 4 (Red)
Operating Temperature	–5 °C to +45 °C (23 °F to 113 °F)
Operating Humidity	90 %RH or less (no condensation)
Finish	Panel: Surface-treated steel plate, black, 30 % gloss, paint
Dimensions	482 (W) × 88.4 (H) × 390 (D) mm (18.98" × 3.48" × 15.35")
Weight	7.7 kg (16.98 lb)
Accessory	Rack mounting screw (with washer) ...4, Removable terminal plug (5 pins) ...4, Removable terminal plug (9 pins) ...1

APPEARANCE

Rear View



Front View



Side View

UNIT:mm SCALE:1/4