MULTICHANNEL POWER AMPLIFIER DA-500F-HL(CU)

The DA-500F-HL is a 4-Channel Digital Power Amplifier featuring lightweight, compact, high power output, and high efficiency. It delivers 500 W × 4 channels (70 V or 550 W into 8 Ω or 100 W into 4 Ω) using a switching power supply. Each channel is equipped with an independent power section. Its Control/Monitor terminals permit power ON/OFF control of the individual channels and status monitoring for the power ON/OFF on each channel, protection on each channel, and fan operation. Prepare the control panel or status monitor display panel separately.

It can be mounted in an EIA Standard equipment rack (2 unit size).

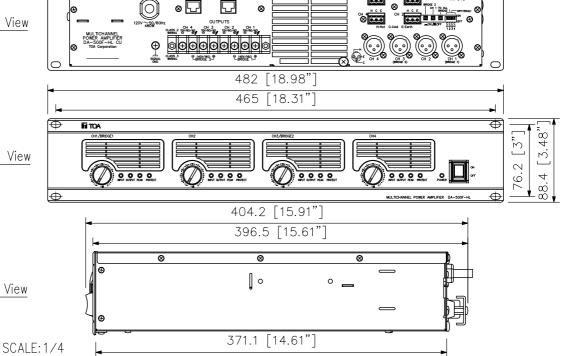
Power Source 120 V AC, 50/60 Hz	It can be mounted in a	an EIA Standard equipment rack (2 unit size).
Amplification System Class D Power Consumption 480 W (based on UL/CSA standards), 2600 W (rated output 8 Ω × 4) Input 4 circuits, +4 dB* (1.23 V) (input level control in maximum position), 10 kΩ, electronically-balanced, removable terminal block (3 pins), XLR-3-31 type connector CH 1 mode 0N/OFF switch (0N: CH 1 to All ch, OFF: Each ch) HPF 0N/OFF switch (-6 dB/oct, cut off frequency 50 Hz) Rated Output 4 channels: 500 W × 4 (9.8 Ω, 70 V line), 550 W × 4 (8 Ω), 100 W × 2 (16 Ω) M4 screw terminal, distance between barriers: 8.8 mm (0.35") Frequency Response 20 Hz - 20 kHz (-2 dB, +1 dB): HPF 0FF, 50 Hz - 20 kHz (-3 dB, +1 dB): HPF 0N Total Harmonic Distortion 0.3 % (20 Hz - 20 kHz): HPF 0FF, 0.3 % (100 Hz - 20 kHz): HPF 0N Protection Circuit Protection against excessive current flow due to overload, short circuit, unusual DC voltage output, temperature rise at power supply heat sink (80 °C or more (212 °F)), temperature rise at power supply heat sink (80 °C or more (176 °F)) Signal to Noise Ratio 100 dB (A-weighted) Constalk 70 dB (A-weighted) Control/Monitor Control input: Power ON/OFF status of the individual channels photocoupler input, drive voltage: 9 V DC (Min) – 14 V (Max), 12 V (Typ) Monitor output: Power ON/OFF status of the individual channels, Protection status of the individual channels, Fan operation status of the individual channels, Protection status of the individual channels, Protection status of the individual channels, Protection status of the indivi		NS *0 dB = 0.775 V
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	Dimensions	482 (W) × 88.4 (H) × 404.2 (D) mm (18.98" × 3.48" × 15.91")
Weight 8.8 kg (19.4 lb)		
Accessory Removable terminal plug (3 pins)4, Tamper-proof cap4		
Option Matching transformer: MT-251H		



Rear View

Front View

Side View



UNIT: mm