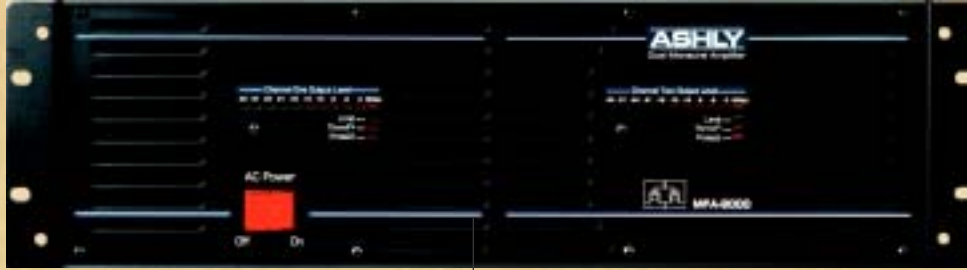


Two Channel Amplifiers

MFA-8000 BI-POLAR AMPLIFIER



Digital audio sources have quickly become the accepted standard of contemporary music, sometimes requiring massive amounts of raw power to reproduce the extended dynamic range of this technology faithfully. Recognizing the challenge presented by these innovations, Ashly engineers have developed the MFA-8000, a high-powered amplifier designed to meet the needs of today's demanding sound professionals. The Ashly design team took a fresh new approach to the design of the MFA-8000. A three-level MOS-FET power supply is employed for maximum power efficiency and minimum AC power requirements. All power and gain stages use discrete, full complementary, class-A circuitry for very low distortion and clean overload behavior. The MFA-8000 includes sophisticated fault monitoring circuits to detect abnormal conditions. Advanced thermal protection circuitry senses the temperature at four different locations within the amp and adjusts fan speed accordingly. Each channel's limiting, thermal, and protection management are completely independent of the other channel. The powerful MFA-8000 puts out 750 watts per channel continuous into 8 ohms, 1200 watts into 4, and a thundering 1500 watts into 2 ohm operating conditions. Our 5-year, Worry-Free warranty comes standard.

FEATURES:

- Turn-on Delay
- 5-Year Worry-Free Warranty
- Bipolar Output Devices
- Class-A Full Complementary Front End
- Modular Construction
- XLR, 1/4", and Barrier Strip Inputs
- Stereo, Parallel Mono & Bridging Modes
- LED Level Meters and Status LEDs
- Stable Into Any Load
- Self Protecting Under Virtually All Conditions
- Input Transformers Optionally Available
- PowerCard Input Option Ready
- Speakon and Binding Post Outputs
- High-efficiency 3-Step Power Supply

MFA AMPLIFIER SPECIFICATIONS:

Output power* (per channel, both channels driven at 1kHz, <0.1% THD):

8 ohms:	750 Watts RMS
4 ohms:	1200 Watts RMS
2 ohms:	1500 Watts RMS
8 ohms (bridged mono):	2400 Watts RMS
4 ohms (bridged mono):	3000 Watts RMS

FTC Continuous power (20Hz–20kHz):

8 ohms:	720 Watts RMS
4 ohms:	1100 Watts RMS

Frequency response: 20Hz–20kHz, ± 0.2 dB; 8Hz–100kHz, ± 3 dB

Total harmonic distortion: 0.025% (450 watts into 8ohms, 20Hz–20kHz, increasing to <.25% at 12kHz)

Output hum and noise (20Hz–20kHz unweighted): –105dB from full output

Damping factor:	>200 into 8 ohms <1kHz
Crosstalk:	–90dB (20Hz–1kHz)
Input sensitivity:	1 Vrms
Bandwidth:	100kHz
Slew rate:	25 V/ μ S
Rise time:	2 μ S 10–90%
Voltage gain:	80x (38dB)
Input impedance:	20kOhm balanced

Amplifier protection: Fuseless short-circuit protection, ultrasonic and RF protection, advanced thermal protection

Load protection: Turn-on delay with level ramp-up, DC fault protection, ultrasonic limiting, clip limiting

Cooling: Forced air with 2-speed fan

Power requirements: 120VAC, 50–60Hz (240 V available)

Shipping weight: 68lbs

Dimensions: 19" L x 5.25" H x 16.5" D

