



Exceptional Audio Performance

Datasheet

FFA-8004



A New addition to our four channel power amplifier range.
Designed to give exceptional audio performance
for live performance sound

A completely new amplifier design from FFA . . .

KEY FEATURES

- 4 x 1000 Watts ref 8 Ohms / 4 x 2000 Watts ref 4 Ohms
- Exceptional sound quality
- G2 DSP option
- High Power efficiency and cool running
- Rugged Tour class Aluminium construction
- Light weight - 10 kg
- FFA Class D PWM
- High current switch mode power supply designed to give continuous power
- Superb limiter
- 4 XLR analogue audio inputs
- 4 XLR parallel outputs
- Bi amp Neutrik® speakON outputs
- Signal Link through
- Neutrik® powerCON power input
- PSU soft start
- Hand built & designed in Hertfordshire, England
- 5 year factory warranty

SUITABLE APPLICATIONS

Exceptional sound for all loudspeaker systems – bass is powerful, fast and tight –
mids and high frequency are natural and open.

Stage monitor performance will give super clear vocal sound.
Vocal and high frequency intelligibility for large scale systems is superb.

Ideal for any night venue, theatre, cruise ship, AV systems, Cinemas, Conferences
and temporary audio installation at summer music festivals



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Amplifier Specifications

FFA-8004



Power Ratings	4 x 1000W 8 Ohm load 4 x 2000W 4 Ohms load
Gain	32 dB
THD	THD Typical 0.03 4 Ohm 1kHz THD+N
Frequency Response	20Hz - 20kHz +- 0.5dB
Controls	40 Point Potentiometer per channel, power on switch
Indicators	signal green = -20dB, signal yellow = -3dB, red signal = clip, signal red protect = over current, low AC mains or 3 sec. mute on power up Load Protection DC on output, clip limiter
Load Protection	DC on output, clip limiter circuit
Amplifier Protection	Amplifier Protection Short circuit, current overload, thermal shutdown, high frequency stability circuit
Audio Signal Inputs	Balanced Neutrik® Female XLR input connected Pin 1 - GND, Pin 2 - Hot +, Pin 3 - Cold - . XLR Male signal parallel each channel
Audio Signal Outputs	Neutrik® speakON each channel. Channels 1 and 3 output speakON utilises 2+ and 2- connection to allow use of 4 core loudspeaker cable for bi amp loudspeaker system for example stage monitor system
Power Requirement	1 x Neutrik® 20A powerCON connector 1 x 16 A 230 VAC Circuit. Power range 185 V-230 VAC 120 V (configured at factory)
System Cooling	High CFM 80mm fan with proportional signal speed control. Rear to front airflow
Dimensions	88mm Height x 483mm Width x 510mm Depth. Includes rear rack support. 19" rack mount enclosure
Weight	10 kg

FFA has a policy of continued product improvement and accordingly reserves the right to change features and specifications without notice.