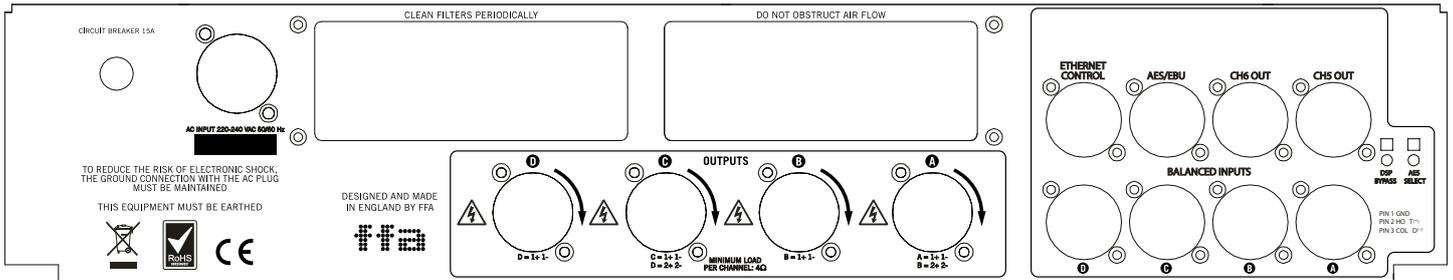




Exceptional Audio Performance

Datasheet

FFA-8004 G2 DSP



KEY FEATURES

- PC , Mac , ipad, VR1 Wall remote control
- FATWARE - Ethernet control
- Useful toolbox for environmental noise control.
- DSP has four audio inputs / 6 audio outputs.
- Matrix mix all 4 audio inputs and 6 outputs
- 2 band Dynamic EQ on 4 inputs and 6 outputs
- 6dB/Octave – 48dB Octave high and low pass filters
- Comprehensive limiting functions on 6 outputs.
- 6 band parametric EQ on inputs
- 8 band parametric EQ on outputs.
- Compressor / limiter on all four audio inputs
- Up to 1.3 seconds delay on inputs and outputs.
- AES EBU DIGITAL INPUT.
- DSP bypass switch to allow analogue amplifier operation

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 music festivals



Exceptional Audio Performance

Amplifier Specifications

FFA-8004 G2 DSP



Power Ratings	4 x 1000W 8 Ohm load 4 x 2000W 4 Ohm load
Gain	32 dB
THD	THD+N Typical 0.05% ref 4 Ohm 1kHz
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, precision clip limiter circuit
Amplifier Protection	Short circuit, current overload, thermal shutdown, high frequency stability circuit
Audio Signal Inputs	Balanced Neutrik® Female XLR input each channel Pin 1 - GND, Pin 2 - Hot +, Pin 3 - Cold -
Audio Power 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
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.