



Datasheet

FFA 2004 - FFA 4004 - FFA 6004



FFA four channel amplifiers

Full power delivery all channels driven simultaneously loaded 4 ohms. Very useful and versatile multimode amplifiers, suited for large scale touring point source or line array systems. Equally suited in less demanding bass applications. Very installation friendly and ideal for bi amp stage monitoring systems or multi point theatre installations. Proprietary high efficiency FFA Class D output stage coupled with high current switch mode supply enables high power delivery even in the harshest environmental conditions.



FEATURES AT A GLANCE

- Power efficient and cool running
- Rugged Tour class Aluminium construction
- Light weight - 9 kg
- FFA Class D technology
- High current switch mode power supply
- Side chain TCA clip limiter
- Hand built and designed in England
- Bi amp Neutrik® speakON outputs
- Signal Link through
- Neutrik® powerCON power input
- PSU soft start
- Analog filter option card with limiter threshold and delay - ideal for stage monitor systems
- 5 year factory warranty



Specifications

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Power Ratings	FFA - 2004 - 4 x 250W 8 Ohm, 4 x 500W 4 Ohm FFA - 4004 - 4 x 600W 8 Ohm, 4 x 1000W 4 Ohm FFA - 6004 - 4 x 800W 8 Ohm, 4 x 1500W 4 Ohm
Gain	32 dB
THD	Typical 0.05 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, side chain TCA clip limiter circuit
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 throughput 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 16A 240 VAC Circuit. Power range 185V-240VAC
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	9 kg

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