



Power On Demand

Datasheet

FFA 6000 - FFA 8000 - FFA 10000



FFA dual power dual mono professional audio amplifiers

Ideally suited for driving very high output bass and sub bass loud speakers or high power full range systems. Designed to drive sustained, very high output audio into 2 Ohm loads.

Both feature FFA propriety Class D PWM amplifiers. These are partnered with FFA high current switch mode PSU technology. Massive bulk storage capacitance per channel ensures continuous high power deliver to the load. The FFA-6000 and FFA-10000 are dual mono - each channel is totally independent. FFA dual mono power amplifiers are mains supply power efficient and operate cool even in the most demanding environments. Mechanical construction is tour grade with aluminium used throughout the chassis design. This provides a robust and rigid but lightweight housing for the electronic systems.



FEATURES AT A GLANCE

- FFA Class D PWM amplifiers
- Power supply soft start
- High thermal headroom
- Weight - 12kg
- Dual mono power amplifiers
- Clip limiter
- 5 year factory warranty
- Hand constructed and designed in England
- Switch mode power supply
- Power efficient
- 2 Ohm drive
- All aluminium construction
- Dual power supply
- High current Neutrik® speakON® NL4MP-UC connectors



Specifications

FFA 6000 - FFA 8000 - FFA 10000



Power Ratings	FFA-6000 - 8 Ohms 1000W, 4 Ohms 1800W, 2 Ohms 3000W FFA-8000 - 8 Ohms 1250W, 4 Ohms 2400W, 2 Ohms 4000W FFA-10000 - 8 Ohms 1500W, 4 Ohms 3000W, 2 Ohms 5000W
Gain	32 dB
THD	Typical 0.05 4 Ohm 1kHz THD+N
Frequency Response	20Hz-20kHz
Controls	Power on rocker switch each channel. 40 point Potentiometer each channel
Indicators	Power 'on' green LED each channel, Signal present green LED, -3dB drive yellow LED, amplifier clip - red signal LED, amplifier protect due to over temp/clip limiter activated and 3 second mute at power up = red LED
Cooling	80mm variable speed high CFM fan. Rear to front air flow
Load Protection	DC on output, clip limiter
Amplifier Protection	Short circuit, current overload, thermal, reactive load stability
Audio Inputs	Neutrik® female XLR with male XLR signal link through per channel
Audio Outputs	Pair of Neutrik® NL4MP-UC speakON® connectors per channel. Each connector has all output poles live 1+, 1-, 2+, 2-. This allows the use of 4 core loudspeaker cable to minimise conductor losses between amplifier and loudspeaker
Power Supply	2 x 20A Neutrik® powerCON® required - one each channel
Power Requirement	220-240 VAC 50-60Hz, 2x16A max per amplifier
Power Operational Range	185V-240VAC
Dimensions	2RU 19" rack mount enclosure, H88mm x W483mm x D510mm. Depth includes integral rear rack support ears
Weight	12kg

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