



Exceptional Audio Performance

## Datasheet

FFA-8004 / 5004 / 2004 **HD**



HD Audio Amplifiers for Premium Cinematic Sound

## OVERVIEW

The FFA-2004, FFA-5004, FFA-8004 HD are high performance four channel power amplifiers.

These amplifiers are ideally suited for use with premium cinema sound systems.

FFA's rugged, high current power supplies respond to the lowest musical notes and audio special effects. The mechanics are built to the same exacting standards as FFA's professional live sound and night venue products. The FFA-2004 HD features a new silent cooling system so can be installed where equipment noise would normally cause a nuisance..

These class D amplifiers use highly efficient electronic technology to run cool and use less mains supply power. The precision analogue circuits give a very stable sound stage with excellent signal to noise ratio. The sound experience is wholly musical and natural which will enhance the cinematic performance.

Designed and made in England with a 6 year warranty.

## SUITABLE APPLICATIONS

Any sound system that is required to deliver best audio performance • Long term power delivery in any environment  
• Home residential cinemas • professional test screening rooms • commercial cinemas • Live theatre sound  
Conference rooms • AV systems • night venues • Cruise ships.



Exceptional Audio Performance

## Amplifier Specifications

FFA-8004 / 5004 / 2004 **HD**



### HD Audio Amplifiers for Premium Cinematic Sound

Power Ratings	FFA-2004 HD - 4 x 500W ref 4 Ohms, 4 x 250W 8 Ohm 4 x 1000W ref 2 Ohms FFA-5004 HD - 4 x 1250W ref 4 Ohms, 4 x 625W ref 8 Ohms FFA-8004 HD - 4 x 2000W ref 4 Ohms, 4 x 1000W ref 8 Ohms		
Gain	FFA-2004 HD - 20dB	FFA-5004 HD - 32dB	FFA-8004 HD - 28dB
THD	THD+N typical 0.03% ref 4 Ohms 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. Bridged output		
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.