

FBT Products

Power Amplifier

Symbol 12000

1500+1500W Power Amplifier



Features:

Impulsive power with both channels driven:

- 2 x 600W (8 Ohm)
- 2 x 1000W (4 Ohm)
- 2 x 1500W (2 Ohm).

Continuous power with both channels driven:

- 2 x 550W (8 Ohm)
- 2 x 900W (4 Ohm)
- 2 x 1300W (2 Ohm)

XLR signal inputs and outputs

Electronically balanced inputs

4-way Speakon power outputs and binding posts

Option of parallel, mono and stereo operation

Power supply protection with miniature circuit breaker

Independent protection on each channel

Soft start

Delayed output connection

Double DC protection for speakers (relays)

Output short-circuit protection

SOA protection

Clipping limiter

8 bi-colour LEDs indicating all operating modes

Ground lift switch

Signal/noise ratio S/N under 110 dB weighting curve "A"

Frequency response 20Hz - 20kHz

Dimensions (WxHxD) 482x88x460 mm

Weight 24 kg

Specifications:

Balanced Inputs		XLR-F
Impulsive power both channel driven	W RMS	2x600W rms @ 8 Ohm 2x1000W rms @ 4 Ohm 2x1500W rms @ 2 Ohm
Impulsive power Bridge Mode	W RMS	2000W rms @ 8 Ohm 3000W rms @ 4 Ohm
Continuous power both channel driven	W RMS @ THD <0.05% 1 kHz	2x550W rms @ 8 Ohm 2x900W rms @ 4 Ohm 2x1300W rms @ 2 Ohm
Continuous power Bridge Mode	W RMS	1800W rms @ 8 Ohm 2600W rms @ 4 Ohm
Input sensitivity		1.7 Veff
Input impedance		15K Ohm
Slew rate		>40V/uS
Signal to noise ratio S/N		>110 dB curva di pesatura „A“
Total harmonic distortion THD	(1 kHz – 40hm) 1W full power	<0.02%
IMD	1W full power	<0.05%
Frequency response	@ +/- 0.2dB	20Hz-20kHz
Damping factor		>250 @ 8 Ohm – 1kHz
Maximum current output		80 Aeff
Maximum power consumption		2700VA
Power supply voltage		230 V
Protections		DC/Termica/SOA/Soft Start
Cooling		2 ventole a velocità variabile
Dimensions	(LxAxP) mm	482x88x460
Weight	Kg	24