

# FBT Products

## Power Amplifier

**HP 600**

**320+320W Power Amplifier**



### Features:

Impulsive power with both channels driven:

- 2 x 170W (8 Ohm)
- 2 x 320W (4 Ohm)

Continuous power with both channels driven

- 2 x 150W (8 Ohm)
- 2 x 200W (4 Ohm)

XLR-F input sockets and Jacks for “link” connections

Power outputs with Speakon connectors (min 4 Ohm)

Power output in Bridge mode with Speakon connector (min 8 Ohm)

3-way switch to select operating mode: Parallel, Stereo or Bridge

3-way switch to select the Butterworth filter operating mode: By-Pass, High-Pass or Low-Pass

Switch to select the high-pass cutoff frequency 35 Hz or 120 Hz

Power supply protection with miniature circuit breaker

Delayed output connection

DC protection for speakers (relays)

Short-circuit protection

Operating mode indicator LEDs

Fast Recovery Clipping function

Frequency response 20Hz - 20kHz

Dimensions (WxHxD) 482x88x410 mm

Weight 13.2 kg

## Specifications:

Balanced Inputs		Jack ¼" XLR-F
Impulsive power both channel driven	W RMS	2x170W rms @ 8 Ohm
Impulsive power Bridge Mode	W RMS	2x320W rms @ 4 Ohm 640W rms @ 8 Ohm
Continuous power both channel driven	W RMS @ THD <0.05% 1 kHz	2x150W rms @ 8 Ohm 2x200W rms @ 4 Ohm
Continuous power Bridge Mode	W RMS	400W rms @ 8 Ohm
Input sensitivity		0.7 Veff
Input impedance		15K Ohm
Slew rate		>40V/uS
Signal to noise ratio S/N		>102 dB curva di pesatura „A"
Total harmonic distortion THD	(1 kHz – 40Ohm) 1W full power	<0.02%
IMD	1W full power	<0.05%
Frequency response	@ +/- 0.2dB	20Hz-20kHz
Damping factor		>150 @ 8 Ohm – 1kHz
Maximum current output		14 Aeff
Maximum power consumption		880VA
Power supply voltage		230 V
Protections		DC/Termica/SOA/Soft Start
Cooling		2 ventole a velocità variabile
Dimensions	(LxAxP) mm	482x88x410
Weight	Kg	13.2