

# FBT Products

## Power Amplifier

Symbol 18000

2400+2400W Power Amplifier



### Features:

Impulsive power with both channels driven:

- 2 x 800W (8 Ohm)
- 2 x 1500W (4 Ohm)
- 2 x 2400W (2 Ohm)

Continuous power with both channels driven:

- 2 x 700W (8 Ohm)
- 2 x 1300W (4 Ohm)
- 2 x 1800W (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 28 kg

## Specifications:-

|                                      |                              |  |
|--------------------------------------|------------------------------|--|
| Balanced Inputs                      |                              | XLR-F  |
| Impulsive power both channel driven  | W RMS                        | 2x800W rms @ 8 Ohm<br>2x1500W rms @ 4 Ohm<br>2x2400W rms @ 2 Ohm |
| Impulsive power Bridge Mode          | W RMS                        | 3000W rms @ 8 Ohm<br>4800W rms @ 4 Ohm                           |
| Continuous power both channel driven | W RMS @ THD <0.05% 1 kHz     | 2x700W rms @ 8 Ohm<br>2x1300W rms @ 4 Ohm<br>2x1800W rms @ 2 Ohm |
| Continuous power Bridge Mode         | W RMS                        | 2600W rms @ 8 Ohm<br>3600W rms @ 4 Ohm                           |
| Input sensitivity                    |                              | 2 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            |                              | 3500VA   |
| Power supply voltage                 |                              | 230 V  |
| Protections                          |                              | DC/Termica/SOA/Soft Start  |
| Cooling                              |                              | 2 ventole a velocità variabile                                   |
| Dimensions                           | (LxAxP) mm                   | 482x88x460   |
| Weight                               | Kg                           | 28   |