ZENITH series

Power amplifiers with switching mode power supply

Technology for high reliability.

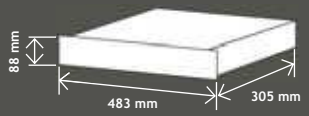
These power amplifiers with switching mode power supply provide a great level of signal integration and elevated output power. Their LLC resonant circuit, specially designed for power amplifiers with high output power, ensures power reliability and reduces its influence in the amplifier. **Zenith power amplifiers** are very light, due to the characteristics of the switching power supply. To face electrical load fluctuations of the amplifier, They include an ultra-fast response time technology with high slew-rate.

A wide range of possibilities.

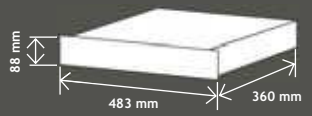
Zenith power amplifiers allow to work with either balanced or unbalanced signals. Their sensitivity input selector makes them suitable for almost any installation. The three operating modes available (Stereo, bridge or Parallel) and low-frequency enhancer increase the flexibility of the series.

Lightweight power amplifiers, thanks to their switching mode power supply.

ZENITH 600



ZENITH 1300
ZENITH 1800
ZENITH 2400



Features

- Lightweight power amplifiers with switching mode power supply.
- LLC resonant circuit, designed to ensure power reliability and to reduce its influence in the amplifier.
- Selector for operating modes: Stereo, Bridge and Parallel.
- Selector for input sensitivity: 26 dB/32 dB.
- Low frequency enhancer.
- Optimum operating load at 2 Ω.
- Protections from short-circuits at the output, overheat, DC.
- Continuous high frequency signals.

Rear panels

ZENITH 600 and ZENITH 1300

ZENITH 1800 and ZENITH 2400

ZENITH 6000

Technical data	ZENITH 600	ZENITH 1300	ZENITH 1800	ZENITH 2400	ZENITH 6000
Number of input channels:	2.	2.	2.	2.	2.
Number of output channels:	2.	2.	2.	2.	2.
8 Ω stereo output power:	200 W x 2.	310 W x 2.	450 W x 2.	600 W x 2.	1200 W x 2.
4 Ω stereo output power:	300 W x 2.	500 W x 2.	750 W x 2.	1000 W x 2.	2000 W x 2.
2 Ω stereo output power:	450 W x 2.	600 W x 2.	1000 W x 2.	1250 W x 2.	3000 W x 2.
8 Ω bridge output power:	600 W.	1000 W.	1500 W.	2000 W.	4100 W.
4 Ω bridge output power:	850 W.	1200 W.	2000 W.	2600 W.	6200 W.
8 Ω parallel output power:	200 W.	310 W.	450 W.	600 W.	1200 W.
Frequency response:	20 Hz - 20 kHz.	20 Hz - 20 kHz.	20 Hz - 20 kHz.	20 Hz - 20 kHz.	20 Hz - 20 kHz.
THD+N:	<0.05%.	<0.05%.	<0.05%.	<0.05%.	<0.1%.
S/N ratio:	>100 dB.	>100 dB.	>100 dB.	>100 dB.	>80 dB.
Factor damping:	>150.	>200.	>250.	>200.	>200.
Dynamic range:	>80 dB.	>80 dB.	>80 dB.	>80 dB.	>70 dB.
Voltage gain:	26 dB/32 dB.	26 dB/32 dB.	26 dB/32 dB.	26 dB/32 dB.	26 dB/32 dB/38 dB.
Input impedance:	20 kΩ balanced, 10 kΩ unbalanced.	20 kΩ balanced, 10 kΩ unbalanced.	20 kΩ balanced, 10 kΩ unbalanced.	20 kΩ balanced, 10 kΩ unbalanced.	20 kΩ balanced, 10 kΩ unbalanced.
Input sensitivity:	2.2 V / 1.05 V 9.06 dBu / 2.64 dBu.	2.48 V / 1.244 V 10.10 dBu / 10.65 dBu.	3.1 V / 1.55 V 12.04 dBu / 6.02 dBu.	3.46 V / 1.73 V 13 dBu / 6.97 dBu.	0.775 V / 1.0 V / 32 dB.
Rear panel connectors:	2 x ¼" Jack -XLR3 (Input) 2 x XLN4 (output)/ 1xIEC(supply).	2 x ¼" Jack -XLR3 (Input) 2 x XLN4 (output)/ 1xIEC(supply).	2 x ¼" Jack -XLR3 (Input) 2 x XLN4, 4 x Binding Post (output)/1xIEC(supply).	2 x ¼" Jack -XLR3 (Input) 2 x XLN4, 4 x Binding Post (output)/1xIEC(supply).	2 x XLR3 (Input/link) 2 x XLN4, 4 x Binding Post (output)/1xIEC(supply).
Protections:	Overheat, VHF, Short circuit, AC lower, DC Protection, CLIP/Limit.				
Main supply:	AC 180-260 V, 60/50 Hz.	AC 180-260 V, 60/50 Hz.	AC 180-260 V, 60/50 Hz.	AC 180-260 V, 60/50 Hz.	AC 220 V, 50 Hz.
Dimensions (WxHxD):	483 x 88 x 305 mm.	483 x 88 x 360 mm.	483 x 88 x 360 mm.	483 x 88 x 360 mm.	483 x 88 x 505 mm.
Weight:	6 kg.	8.75 kg.	11 kg.	11.1 kg.	14.3 kg.