

Class D High End Stereo Power Amplifier



SPECIFICATIONS:

OUTPUT

Power.....60W RMS per channel, 8ohms, 1KHz, <0.05% THD. 100W RMS per channel, 4ohms 1KHz, 0.05%THD.
Frequency Response.....20Hz to 20KHz, 0.5dB. **Signal to Noise Ratio**.....106dB, 20Hz to 20KHz, Unweighted.
Minimum Load.....4 ohms. **Damping Factor**.....>150 at 8 ohms. **Slew Rate**..... >20V/us
Connectors.....5mm screw lock captive screw connector, 4 poles. **Protection**.....Thermal, Clip, Output shorting.

INPUT

Sensitivity.....-3dBu for full output. **Impedance**.....>10K ohms balanced/unbalanced. **Voltage Gain**.....30dB.
Max. Input level.....+18dBu. **Channel separation**.....>78dB. **CMMR**.....>80dB. **Control**.....Each channel by trimmer pot.
Connectors..... Balanced via RJ45 screened connector (In / Out for other units connection), Unbalanced via RCA connector.

POWER

Mains requirements100 VAC to 240VAC 50/60 Hz. **Mains socket**.....Standard IEC
Typical consumption.....40 Watts at 1/4 power, 8 ohms. **Quiescent**..... 8 Watts **Standby**.....<3W

CONTROL / REMOTE / INDICATIONS

Control/ Input port.....RJ-45 socket, connection by CAT-5 screened cable. **Mute**.....Pin 5 connected to ground (Pin 7)
Standby.....Pin 4 connected to ground (Pin 7) or automatically after about 5 minutes without signal.
12VDC.....For external devices as Hubs, Mixers, Players, etc. Maximum consumption 100mA.
Signal.....Presence of signal input of at least -24dB. **Limiter/Protect**.....LED indicator of clip limiting / short protection.

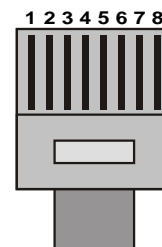
GENERAL

Structure.....Metal case with convection aluminum heat sink cooling.
Mounting.....1U rack or 1/2 with 2 short / long "ears". On wall & under table with 4 short "ears" (Supplied), table top with rubber legs.
Dimensions.....H 4.4cm x W 21.6cm x D 19.2cm. (1/2 rack wide , 1U) **Weight**.....Net = 1.7Kg, Shipping = 2Kg
Operating conditions.....-10..... to +50.....C Temperature, 10%-90% Humidity. **MTBF**.....300,000 HOURS

Straight-through category 5 cable wiring

Color	Near End		Far End	Color
white + orange	1	R +	1	white + orange
orange	2	R -	2	orange
white + green	3	L +	3	white + green
blue	4	ST - BY	4	blue
white + blue	5	MUTE	5	white + blue
green	6	L -	6	green
white + brown	7	GND	7	white + brown
brown	8	+12V	8	brown

RJ45 connector



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