

INTEGRAL series



INTEGRAL-A1002



DESCRIPTION

INTEGRAL-A1002 is a dual channel, 2U, high efficiency class D amplifier intended for permanent installation use. It is equipped with switching universal mains power supply and auto-standby functionality when no signal presence is detected providing energy savings.

The amplifier delivers 2x500W at 4ohm and can be used in bridge mode for high impedance 100V/70V lines (providing 1000W of total power). Front LEDs provide information about signal presence, limiters and protection status. At the rear panel the user can configure the stereo / bridge mode and engage an 80Hz 12dB/oct order High Pass filter.

The sober and elegant design together with the euro-block type connectors and energy savings makes it perfect for permanent installations.

KEY FEATURES

- 2 channel amplifier
- 500 W per channel @ 4 ohms
- High Efficiency Class D topology
- Low Z and High Z (Bridged 70 V/100 V) operation
- Universal Power Supply
- 12dB/oct 80Hz HPF filter Selector (on/off)
- Automatic Stand-by mode

APPLICATIONS

- Retail Stores
- Bars, clubs and restaurants
- Fitness Centers, hotels, schools

SPECIFICATIONS

Output Power Ratings

Power 8 Ohms, Both Channels Driven	2 x 250 W
Power 8 Ohms Bridged	1 x 1000 W
Power 4 Ohms, Both Channels Driven	2 x 500 W
Power 100 V	1 x 1000 W
Power 70 V	1 x 1000 W

Electronics and Connectors

Amplifier Channels	2
Output Circuitry	Class D
Frequency Response	20 Hz-30 kHz (+0 - 0.5 dB)
Sensitivity	1.38 V (5 dBu)
Voltage gain	30.4 dB
Damping Factor	> 1000 (8 Ω load, 1 kHz and below)
Controls	Power On/Off, Gain Pots
Cooling	Side-Right-to-Left
Amplifier Protections	Short Circuit, DC Output, Temperature, Over/Under Voltage
LED Indicators	On-Protect-Standby, Signal-Clip
Audio Signal Input Connector	Terminal Block
Speaker Output Connector	Terminal Block
Current Draw 230 V / 115 V	1.75 A / 3.5 A

Dimensions-Weight



Dimensions (H x W x D) 88 x 483 x 208 mm
3,5 x 19,0 x 8,2 in

Net Weight 3,5 kg (7,7 lb)

Shipping

Carton Dimensions (H x W x D) 170 x 525 x 315 mm
6,7 x 20,7 x 12,4 in

Shipping Weight 4,3 kg (9,4 lb)

ORDERING INFORMATION

Model	Description	P/N
System		
INTEGRAL-A1002		10721110
Replacement Parts		
S-PRO2	Amplifier	30006153

DIMENSIONS

