

INTEGRAL series



INTEGRAL A1602

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 18/06/2024



SOUND WITH SOUL

KEY FEATURES

- 2 channel amplifier
- 800 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

DESCRIPTION

INTEGRAL-A1602 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 2x800W at 4ohm and can be used in bridge mode for high impedance 100V/70V lines (providing 1600W 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.

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SPECIFICATIONS

Output Power Ratings

| | |
|------------------------------------|------------|
| Power 8 Ohms, Both Channels Driven | 2 x 400 W |
| Power 8 Ohms Bridged | 1 x 1600 W |
| Power 4 Ohms, Both Channels Driven | 2 x 800 W |
| Power 100 V | 1 x 1600 W |
| Power 70 V | 1 x 1600 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 | 32.5 dB |
| Damping Factor | >350, each channel (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 | 3.0 A / 6.0 A |

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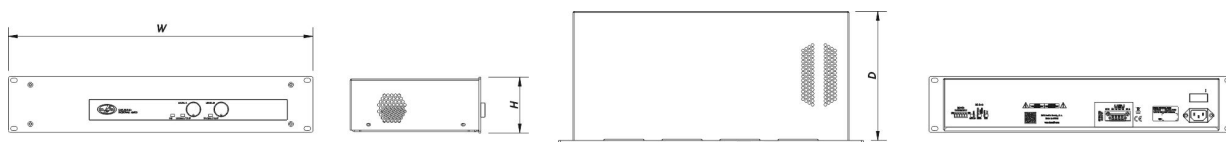
Dimensions-Weight

| | |
|--------------------------|--|
| 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) |

DIMENSIONS



ORDERING INFORMATION

| Model | Description | P/N |
|--------------------------|--------------|----------|
| System | | |
| INTEGRAL-A1602 | | 10721130 |
| Replacement Parts | | |
| L-PRO2 | Power Module | 20406644 |

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