

# INTEGRAL series



## INTEGRAL-A1602



### 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.

### APPLICATIONS

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

### 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 $\Omega$ 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                                             |

### Dimensions-Weight



|                          |                                          |
|--------------------------|------------------------------------------|
| Dimensions ( H x W x D ) | 88 x 483 x 208 mm<br>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<br>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-A1602 |  | 10721130 |
|----------------|--|----------|

### Replacement Parts

|        |              |          |
|--------|--------------|----------|
| L-PRO2 | Power Module | 20406644 |
|--------|--------------|----------|

## DIMENSIONS

