

Myriad Amplifier



Overview

Compact, low-power amplifier and media storage device. Store and activate audio presentation with built-in function control, sensor add-on, or multi-push button add-on.

Audio processing capabilities include equalization, time delay, compression, soft clipping, normalization, etc. USB connection provides communication with PC for programming, uploading audio and firmware updates.

Audio Playback

Play analog audio through two channel RCA inputs. Or, transfer digital audio via USB onto Myriad SD memory card in Wave 48K format.

Nominal Output Power and Impedance

Output utilizes class D switching amplifier. Efficient design minimizes power needed to create high output.

15 watts continuous per channel into 6 Ω

30 watts peak per channel into 6 Ω

Control

Volume: Digital encoder with push button sensor and multi-button input: available through expansion options

Input Sensitivity

.03% Vac for 1 watt into 6 Ω

3 Vac for 10 watts into 6 Ω

Input Impedance

2.2k Ω

Connections

Audio input: two RCA

LEDs

Single LED: Power/USB activity

Array of four: Programmable to show activity/function information

Microphone Input

Two 3.5mm (3 conductors) jack with 1.5V phantom power supply for BI mic

Internal Memory Card

1- 32 GB

USB

2.0 Full Speed (12 Mb)

Internal Expansion Slot

Utilize optional function boards to provide multiple inputs for control

Physical Dimensions

1.25"H x 4.125"W x 6.5"D (3.2 x 10.5 x 16.5 cm)

Weight

14 oz (.4kg)

Power Supply

12 to 20 Vac or 18 to 30 Vac

17 Vac 1.25 Amp 120 Vac

100 Vac and 220 Vac available upon request