

MINI AMPLIFIER - ALF-PA100W

Compact-size digital amplifier



DESCRIPTION

PA100W is a compact-sized digital amplifier (Class-D) with 3 inputs (1 L+R stereo audio, 1 analog audio, 1 optical fibre audio). It features switchable stereo 2x50Watt@80hm or mono 1x100Watt@40hm output and boasts complete EQ adjustment and intuitive work status display, making it an ideal addition to a classroom or conference room application.

FEATURES

- 3 Audio inputs: 1L+R stereo, 1 analog, 1 optical fibre
- Switchable stereo / mono output
- Complete EQ management: including LINE, BASS, TREBLE
- Easy volume adjustable via a rotary knob
- Audio loop output
- Intuitive LED indicators for the input source, control and volume setting
- Controllable via RS232, IR, TCP/IP (optional)
- Web-based GUI
- Power off memory

TECHNICAL SPECIFICATIONS

Compact-size digital amplifier

Input

Input Signal : 1x L+R Stereo audio, 1x 3.5mm, analog audio, 1x Optical fiber audio
Connectors : 2x RCA, 1x 3.5mm TRS plug, 1x SPDIF
Input Impedance : >10K Ω

Output

Output Signal : 1x Loop, 2x Stereo audio/ 1 mono audio
Connectors : 1x 3.5mm jack, 1x 4-pin 5.08mm connector
Damping Coefficient : >100

Control

Control Ports : 1x RS232 (3-pin pluggable terminal block), 1x IR IN (3.5mm female), 1x TCP/IP (RJ45 female, optional)
Panel Control : Front panel buttons & rear panel switcher

General

SNR : 80dB
THD + Noise : 1%@1KHz 50W
Separation : 75dB 20Hz ~ 20KHz
Damping Coefficient : 100
Voltage Gain : 32dB
Output Power : 1x100W@4 Ω / 2x50W@8 Ω
Power Supply : DC 33V 4A
Power Consumption : 1.48W
Work Temperature : 0 ~ 50°C
Reference Humidity : 10% ~ 90%
Dimensions (W*H*D) : 148 x 44 x 165mm
Weight : 0.72kg

SYSTEM DESIGN

