



FI-Amp4D

4 channel class D power amplifier, 4 x 50W @ 4Ω with DSP



The Fi-Amp4D is a state of the art 4 channel Class D amplifier providing 50 Watts per channel @ 4Ω. It provides a front panel access volume control allowing zone level adjustments directly from the amplifier.

The amplifier integrates DSP, providing full crossover functions to create factory presets making the amplifier “plug and play”. A user access application allows the connection of a PC via USB to control a 10 bands graphic equalizer for room tuning.

Features

- Ultra compact format, only 16,3cm deep
- Light weight
- 50 watts per channel in class D
- Front panel volume control
- Two balanced inputs on XLR – TRS combo connectors
- 4 speaker outputs on phoenix connectors
- Class D design for optimum efficiency
- Superior sound quality
- Integrated Bluetooth communication
- On board WAV / MP3 USB player with front panel controls and Random play mode
- Front panel LCD display
- Totally self-sufficient when used as a single unit. No need for external player

Applications

- Smaller scale cafes, restaurants, bars, retail stores installations
- Home hi-fi

Technology

Class D technology greatly improves efficiency to over 90%. Less power going into heat dissipation, meaning that most power you pay for goes to speakers.

As a result, the amplifier is much smaller in size and lighter, saving precious shelf space. Lower heat dissipation also reduces stress put on each electronic components, extending the amplifier's lifetime.

USB player and Bluetooth technologies are integrated to make this amplifier a complete control center for your demanding audio needs.

Specifications

Preamp and Processors

Preamplifier	2 input on combo connectors [2 XLR F balanced, 2 Jack 1/4" unbalanced] 2 XLR M link connectors Discrete Input limiter Limiting LED indicator Line/Mic Input selection Phantom power on mic inputs (12Vdc) DSP processing USB B for EQ and volume configuration
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Controls and Multimedia

USB/SD MP3 player

Bluetooth

Volume control

IR receiver

Controls

Type	Class D amplifier
Operating Voltage	20-25Vdc
Output power	4x 50W (@ 4 Ω)
Protections	Short Circuit , Thermal Protection, Overvoltage, undervoltage, DC protection.
Max Out	40Vpp
Gain (line)	31dB
Gain (mic)	62 dB
S/N	82 dB
THD 1Khz 1W	0,020%
Amplifier limit indicator	Amplifier LED limit/protect indication
Minimum load	4 Ω
Bandwidth	30 Hz-20 kHz (-3 dB,+0db) preset dependant

Power

Nominal Voltage

Power consumption

Switch

External Power supply

Nominal Voltage	
Power	100w
Output Voltage	24 Vdc

Physical

Net Weight	1,6 kg (3.52 lb)
Dimensions WxHxD	20 cm x 10 cm x 16 cm (7.87" x 3.94" x 6.30")

