



FI-AMP500X2

2 Channel Class D Power Amplifier, 2 x 500 W @ 8Ω



The FI-AMP500X2 is a state of the art 2 channel Class D amplifier providing 500 Watts per channel at 8Ω. It provides 2 x front panel access volume control allowing zone level adjustments directly from the Amplifier.

The FI-AMP500X2 is designed for use in a wide variety of installations: from a simple setup in a bar/

restaurant or a corporate meeting room to being a part of a larger audio system in a theater. Pairs of channels may be individually configured to run in Stereo, Parallel or Bridged mode.

Product Features

- Lightweight portable 1U ultra-thin design with 2 channels
- 500 Watts per channel at 8Ω
- Intuitive, user-friendly, front panel interface
- Two channel separate balanced line inputs by phoenix connectors
- Two Speakon (4 contacts) output connectors
- High power density in 1U rack height
- Two channel separate volume control
- Comprehensive protection and monitoring functions
- Two channel separate status indicators include signal, peak and protection
- Amplifier with delay start system, protect the speakers from shock and damage
- Class-D design for optimum efficiency
- Superior sound quality performance

Product Applications

- From bars, restaurants, retail stores, church to corporate meeting rooms and auditoriums
- Sound reinforcement applications with mid power density and good sounding requirements
- Portable or rental industry PA system

Technology

Class D technology greatly improves efficiency to over 60%. Higher efficiency not only means the amplifier will require less power to run, but will dissipate considerably less heat. As a result, the amplifier is much smaller in size, saving precious rack space in an installation. Lower heat dissipation also reduces stress put on each component part in the amplifier and will prolong product life of the amplifier.



Specification

Outputs	
@ 8Ω	2 x 500 W
Other Parameters	
Type	D
Frequency response	20 Hz to 20 KHz (+/-3dB)
THD + N	<-0.05% @ 8 Ω / 1 KHz
Slew Rate	40V / us
S/N Ratio	>90 dB
Damping factor	>600 @ 8 Ω
Channel separation	>100 dB @ 8 Ω / 1 KHz
Input impedance	20 KΩ (Bal.) / 10 KΩ (Unbal.)
Input sensitivity	1.0 Volt
Protection	DC, Short circuit, Overheat, Soft start
Controls	
Front	On/ Off Switch, 8 x Volume Ctl.
Rear	Ground lift, Input link mode, Bridge mode (pair)
Input connectors	2 x Phoenix jacks (balanced input)
Ouput connectors	2 x Speakon 4 pins (1+/1- 2+/2-)
Dimention	1U - 19"
W	483 mm - 19"
H	44,45 mm - 1,8"
D	355 mm - 14"
Weight	5,5 Kg - 12.1 Lbs

