FI-AMP300X2V

2 channel power amplifier with 4Ω/8Ω/ 70V/100V direct output



The FI-AMP300X2V is a state of the art 2 channel amplifier providing 300 Watts per channel at 8 Ω, 600Watts per channel at 4Ωand 300Watts per channel at 70V or 100V. It provides 2 x front panel access volume control.
The FI-AMP300X2V 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 hotel lobby. Pairs of channels may be individually configured to run in Stereo, Parallel or Bridged mode.

Product Features

- Standard 1U Class D design with 2 channels
- 300 Watts per channel at 8Ω and 70V/100V
- Intuitive, user-friendly, front panel interface
- Two channel separate balanced line inputs by XLR Female
- Two Speakon (4 contacts) and Two Phoenix output connectors
- Stereo/Parallel Mode Selection and 0.775V/1.44V Selection
- 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

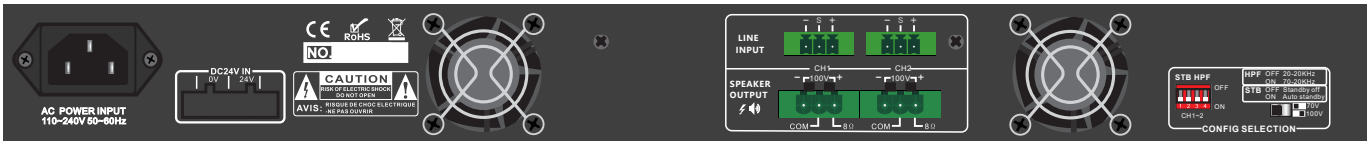
Product Applications

- From bars, restaurants, retail stores, to corporate meeting rooms and hotel lobby
- Sound reinforcement applications with mid power density and good sounding requirements

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Specification

Outputs	
@ 8Ω	2 x 300W
@ 4Ω	2 x 500W
Bridged @ 4Ω 70V/100V	1 x 1000W 2 x 300W
Other Parameters	
Class	D
Frequency response	35 Hz to 20 KHz (+/-3dB)
THD + N	<-0.05% @ 8 Ω / 1 KHz
Slew Rate	40V / us
S/N Ratio	>98 dB
Damping factor	>500 @ 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, 2 x Volume Ctl.
Rear	Ground lift, Input link mode, Bridge mode (pair)
Input connectors	2 x Phoenix Connectors
Ouput connectors	2 x Phoenix Connectors
Dimention	1U
W	483 mm
H	44 mm
D	420 mm
Weight	8 Kg



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