

DFX300/DFX400/DFX600/DFX800/DFX1000

Two-Channel Stereo Professional Amplifier

(2X350W/450W/600W/800W/1000W)



Description

The DFX300, DFX400, DFX600, DFX800, and DFX1000 series is a two-channel stereo professional power amplifier range offering multiple power options (350W, 450W, 600W, 800W, and 1000W per channel) to accommodate various application requirements. The amplifiers feature three selectable operating modes—stereo, parallel, and BTL bridge—via a front-panel mode switch. They are equipped with comprehensive protection circuitry including short-circuit, DC, and power on/off protection, along with alarm functions, making them well suited for speech transmission and sound reinforcement in a wide range of environments.

Features

- Two-channel stereo professional power amplifier.
- New appearance design with standard chassis, suitable for standard cabinet installation.
- A series of high-power amplifiers available for selection to meet diverse requirements.
- Three selectable operating modes: stereo, parallel, and BTL bridge, with a front-panel mode switch.
- Independent volume control for each channel.
- Minimum load impedance: 4 Ω in stereo mode, 8 Ω in BTL mode.
- Equipped with XLR signal input (female) and XLR signal output (male) connectors for flexible and convenient connectivity.
- Amplifier output features standard binding posts and professional SPEAKON speaker sockets (available in stereo mode only).
- Built-in protection and alarm functions including short-circuit protection, DC protection, and power

on/off protection.

- Each channel features LED operating status indicators; low-noise design.
- Suitable for speech transmission and sound reinforcement in a wide range of applications.
- Front-panel LCD display provides real-time monitoring of internal operating temperature.

Specifications

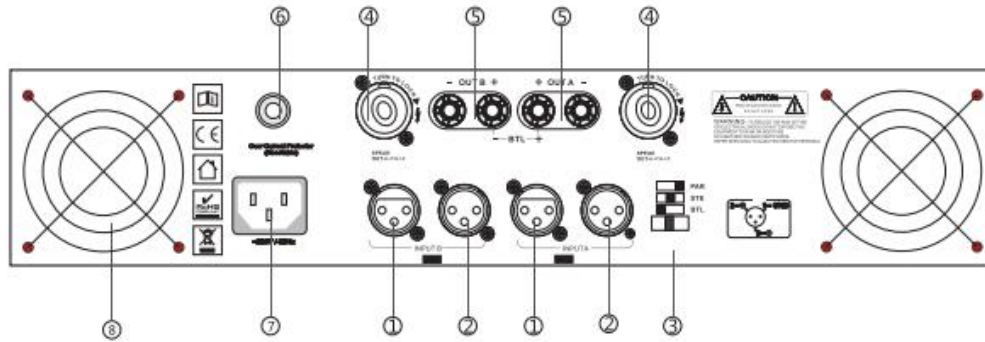
Model	DFX300	DFX400	DFX600	DFX800	DFX1000
Rated Output/Per Channel , 8Ω	350W	450W	650W	800W	1000W
Rated Output/Per Channel , 4Ω	550W	750W	900W	1200W	1500W
Rated Output/Bridged , 8Ω	1050W	1350W	1950W	2400W	3000W
Output Interface	2 Speakon for Stereo&B ridge Output				
Input Sensitivity	1V				
Input Impedance	20k Ω/balanced , 10k Ω unbalanced				
SNR	≥ 98d B				
Damping Factor/8Ω , 1 KHz	>230				
Frequency Response	20Hz-20k Hz (±1d B)				
Distortion	<0.1%				
Channel Crosstalk	<-62d B				
Turnover Frequency (TOF)	15V/us				
Power Supply	AC220-240V/50Hz				
Protection	Soft start-up,load short circuit,voltage limit,DC output,power on &off, over temperature				
Machine Size	(L×W×H) 484×425×88mm				
Package Size	(L×W×H) 550×550×165mm				

Front / Rear Panel



- (1) CH-1 Input Level Adjustment Knob
- (3) CH-2 Input Level Adjustment Knob

- (2) Power Switch
- (4) Work Status Indicator Light



- (1) CH-1/CH-2 Input Socket
- (3) Function Mode Switch
- (7) Power Input Socket

- (2) CH-1/CH-2 Output Socket
- (4) CH-1/CH-2 Professional SPEAKON speaker socket
- (6) Recoverable fuse
- (8) Cooling Air Outlet