



DP-4035F

Think Dif-FIR-ently about amplifiers

Product Description

Stable down to 2 Ohms and with huge Class D power, the DP-4035F is a 4-channel amplifier from our DP-F Series, designed for professional installations and live sound systems where precision DSP control and dependable performance are essential.

Delivering 350 W per channel at 8 Ω , 595 W at 4 Ω and up to 2020 W bridged at 4 Ω , it provides clean, controlled output across a variety of configurations. The updated DP-F models introduce major enhancements including advanced DSP controller software, increased internal processing, an IPS colour display, locking XLR connectors and AES/EBU digital inputs — all contributing to improved workflow and sound management.

Our DSP Controller software provides powerful functionality for both DP-F and DP-N Series amplifiers. It offers amp grouping, precise EQ and level control, and access to a comprehensive preset library. With built-in SMAART API compatibility, it integrates seamlessly with leading system analysis tools for fast, efficient tuning and optimisation.. Available to download below.

Compact, efficient and road-ready, DP-4035F delivers powerful Class D performance with intuitive digital control, making it a reliable choice for professionals seeking flexibility and precision in one streamlined package.

Key Features

- ✓ 4 Channels
- ✓ 4 x 595 W @ 4 Ω
- ✓ Class D
- ✓ Stable at 2 Ω
- ✓ 4 x 350 W @ 8 Ω
- ✓ Software Control



Specifications

Specification	Value
Amp Channels	4
Topology	Class D
Stable at 2 Ohms	Yes
Stereo 8 Ohm	4 x 350 W
Stereo 4 Ohm	4 x 595 W
Stereo 2 Ohm	4 x 1010 W
Bridge 16 Ohm	2 x 700 W
Bridge 8 Ohm	2 x 1190 W
Bridge 4 Ohm	2 x 2020 W
Control	DSP Controller Software / Front Panel
Input Connectors	4 x XLR Socket, AES/EBU
Output Connectors	4 x 4 Pole Speaker Connector
Software Control	Yes
Mode Switch	Software and Front Panel
DSP Features	DSP with FIR
Hi-Z	Yes
Hi-Z 100 V	No W
Hi-Z 70 V	No W
Input Gain/Sensitivity Switch	35 dB
Slew Rate	>50 V / us
Output RMS Voltage	52.9 V
Maximum Input Level	21 dBu (8.7 Vrms)
Default Gain (Rated Power, 1 kHz)	35 dB
Gain (Rated Power, 1 kHz)	35 dB

Specifications (continued)

Specification	Value
THD+N	Typical : 0.05% (10% Rated Power, 8 Ω)
Crosstalk	≥90 dB (20 Hz-1 kHz, Below Rated Power, 8 Ω)
Frequency Response	Typical :+0,-0.5 dB (10% Rated Power, 20 Hz-20 kHz, 8 Ω)
Input Impedance	20 kΩ (Balanced), 10 kΩ (Unbalanced)
Damping Factor	≥1000 (20 Hz-200 Hz, 8 Ω)
SNR	≥105 dB (Default Gain, A Weighted, 20 Hz-20 kHz, 8 Ω)
Protection	Power under-voltage protection, Amplifier output DC protection, Thermal Protection, Temperature Power Control, Overload Power Control
Main Power	90~260 V AC,50/60 Hz
Included Accessory	AC Cable, User Manual, 4 x rubber feet
Unpacked Height	45 mm
Unpacked Width	483 mm
Unpacked Rear	483 mm
Unpacked Depth	376 mm
Packed - Height	125 mm
Packed - Width Front	510 mm
Packed - Width Rear	510 mm
Packed - Depth	565 mm
Net Weight	8 kg
Gross Weight	11.2 kg