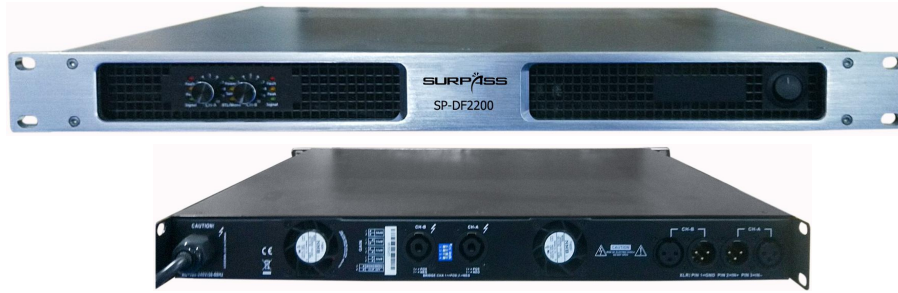


Two Channel Professional Class-D Power Amplifier

SP-DF225(2×250W@8Ω), SP-DF245(2×450W@8Ω), SP-DF265(2×650W@8Ω)

SP-DF2120(2×1200W@8Ω), SP-DF2150(2×1500W@8Ω), SP-DF2200(2×2000W@8Ω)



Description:

The SP-DF2 wide range big power series digital power amplifier is a two-channel classical professional amplifier, it has inherited the high reliability and high applicability of analog amplifiers, as well as added the digital modulator circuit. It designed of switching power technology, whose advantages are without transformer for less heat generation and long life span. With a small size, it delivers big output power and outstanding sound. SP-DF2 series includes six models for your choice: wide range power RMS 2*250W/8Ω, 2*450W/8Ω, 2*650W/8Ω, 2*1200W/8Ω, 2*1500W/8Ω, 2*2000W/8Ω, with a weight of max. 9.0kgs. This series applied the classical PWM circuit design and excellent protection circuit. It has high reliability and applicability, big dynamic range, small size, light weight, high efficiency, low distortion, big output power, Etc. Higher efficiency of more than 85% decrease the power electricity consumption and protect green environment.

Specification:

Model	SP-DF225	SP-DF245	SP-DF265	SP-DF2120	SP-DF2150	SP-DF2200
Description	2CH Professional Power Amplifier					
Amplifier Class	Class D					
Power Output 8Ω Stereo	250W*2	450W*2	650W*2	1200W*2	1500W*2	2000W*2
Power Output 4Ω Stereo	425W*2	765W*2	1100W*2	2000W*2	2550W*2	3400W*2
Power Output 2Ω Stereo	725W*2	1300W*2	1700W*2	3400W*2	4335W*2	4760W*2
16Ω/Bridge	500Wx1	900Wx1	1300Wx1	2400Wx1	3000Wx1	4000Wx1
8Ω/Bridge	850Wx1	1530Wx1	2200Wx1	4000Wx1	5100Wx1	6800Wx1
4Ω/Bridge	1450Wx1	2600Wx1	3400Wx1	6800Wx1	8670Wx1	11560Wx1
Frequency Response	20Hz - 20kHz (10% Rated output power,8Ω) ±0.2dB					
Slew Rate	50V/μs (1kHz, bypass low-pass filter)					
RMS Output Voltage	44.7V	60.0V	72.1V	98.0V		
S/N Ratio	≥105dB (A right,20Hz-20kHz)					
Connector	Male Jack input and Speakon jack output					
Damping Factor	≥300 (8Ω 20Hz~100Hz)		≥800 (8Ω 20Hz~100Hz)			
Input Sensitivity	1Vrms (Rated output power,1kHz) Gain 32dB, 26dB selectable					
Input Impedance	20KΩ (balanced); 10KΩ (unbalanced)					
Voltage Gain	33.0dB	35.6dB	37.2dB	39.8dB	39.8dB	39.8dB
Efficiency	>85%					
Protection	Overload, overheat, temperature power control, output DC protection					
Power Supply	AC90~260V, 50/60Hz					
Dimension(W×H×D)	483×44×323mm, 1U			483×44×370mm, 1U		
Net Weight	5.0Kg		7.55kg		9.0Kg	