

**Professional Stereo Power Amplifier Four Channel  
SP-FP41300, SP-FP2400, SP-FP1600, SP-FP1450**



**Description:**

**Powerful. Reliable. Affordable.**

FP series power amplifiers adopt mature classical D circuit design, simple and practical, stable performance, it has good soft start system to protect power amplifier and audio system from current shock. High-power and high-quality transformer, high-capacity audio special filter capacitor and high-current and high-voltage rectifier bridge stack are used to ensure full and dynamic output power. A power output circuit with limited amplitude can automatically compress the amplitude of the input voltage without distortion when the input voltage amplitude is too large, which can avoid burning the loudspeaker due to overload caused by the output of clipping waveform. Using two-stage variable speed fan with high efficiency heat dissipation system, it can quickly take away a large amount of heat generated by the power amplifier when working. Perfect protection circuits and excellent sound quality have won the favor of acousticians of different grades.

**Features:**

- Professional stereo 4 channels or 2 channels power amplifier.
- Separate speaker outputs 8Ω, 4Ω, 2Ω and Bridge.
- XLR Input Connector and Speakon Output Connector.
- Each channel with LED indicator status: working, clipping or fault.
- Perfect protection circuits and excellent sound quality.

**Specification:**

<b>Technical Parameter</b>				
Model/Power	SP-FP41300	SP-FP2400	SP-FP1600	SP-FP1450
(1 KHz 5%THD)				
8 Ohms Stereo	1300W*4	2400W*2	1600W*2	1450W*2
4 Ohms Shereo	2100W*4	3600W*2	3000W*2	2800W*2
2 Ohms Shereo	2500W*4	5400W*2	4500W*2	3500W*2
8 Ohms Bridge	4200W*2	7000W	6000W	5600W
4 Ohms Bridge	5000W*2	10000W	9000W	7000W
Frequency Response(+0/-0.3dB, 1W/8 Ω)	20Hz-34kHz			
THD+N(20Hz-20kHz 1W)	<0.1%			
S/N Ratio	>112dB			
Channel Separation(crosstalk) 1kHz	>70dB			
Input Connector	XLR			
Output Connector	Speakon			
Input Impedance	20k Ω, balanced			
Level Control	Front plate potentiometer, from negative infinity to 0dB			
Cooling mode	Stepless speed control fan, air flow from front to back			
Power Amplifier Protection Mode	Short Circuit, Open Circuit, DC Voltage, Overheating, Radio Frequency, Ultra-Low Frequency Protection			
PH-V-Hz	AC 220V(±10%) 50-60Hz			
Dimensions(H*W*L)	88mmX483mmX396mm			
Package Size(H*W*L)	180mmX560mmX500mm			
Net Weight	12kg			
Gross Weight	13.4kg			