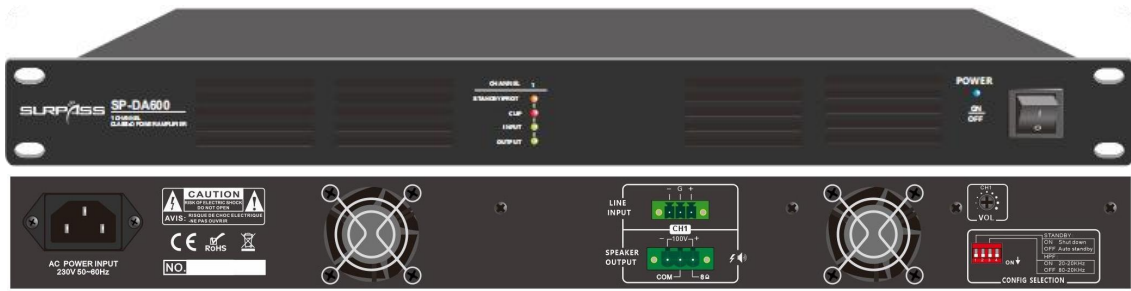


CLASS D POWER AMPLIFIER

SP-DA120 SP-DA240 SP-DA350 SP-DA500 SP-DA650



The SP-DA series digital amplifier is a Class-D power amplifier specifically developed for public address system. The 1U structural design allows flexible selection of multiple powers and channels for practical engineering need. Characterized of small size, high output power, low heat generation, easy use, and high efficiency up to 88%. It has complete protection functions, high stability, adapt to various complex and extreme environments. Rich interfaces, including balanced/unbalanced connections, working status indication, energy-saving mode, high pass mode, constant voltage/constant resistance output, etc.

Features:

- Switching power technology digital power amplifier.
- Class-D power amplifier of minimum power consumption.
- 19" rack mount design of 1U height.
- Rated power 120W, 240W, 350W, 500W & 650W.
- Speaker outputs 100V & 8Ω .
- Each channel of independent gain control, balanced line input by phoenix connector.
- Each channel with high/low filters on/off by dip switch pre-setting.
- Auto standby feature on/off and instant wake-up if any input.
- Working status indicators for protection, clip, input & output.
- Complete short circuit, overload, high temp, clip and DC protection.
- Power supply of AC 200V-240V 50/60HZ (or AC100V-240V) and 24V DC.

Specification:

Model	SP-DA120	SP-DA240	SP-DA350	SP-DA500	SP-DA650
Description	Class-D Power Amplifier				
Rated Power Output	120W	240W	350W	500W	650W
Speaker Output	100V & 8 Ohm				
Frequency Response	L/H Cut OFF 20Hz-20KHz (+1/-2dB) L/H Cut ON 70-10khZ ((+1/-3dB)				
Input	0.775V, 0dBu, balanced phoenix connector by four channels				
Input Impedance	10KΩ				
THD	<0.1% (1KHz/-3dBv, 100W)				
S/N Ratio	>80dB				
Power Consumption	150W	300W	400W	650W	800W
Power Supply	230V AC & 24V DC, 50-60Hz				
Dimension	484x420x44 mm				
Weight	4.0kg	4.2kg	4.5kg	5.0kg	5.5kg