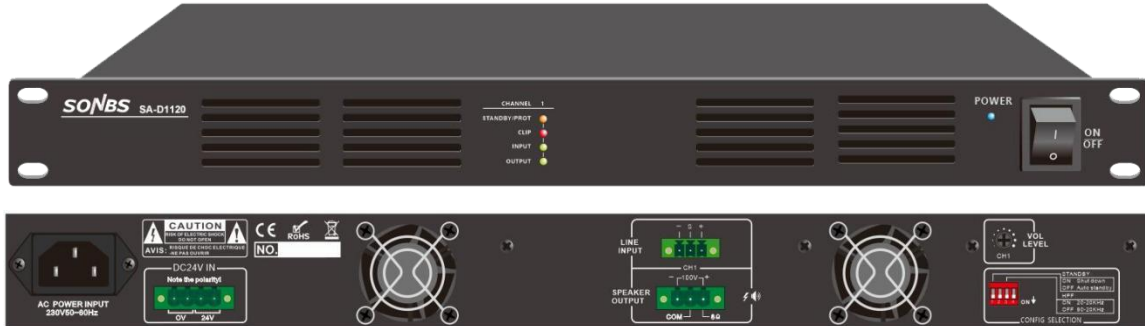




SA-D1120 SA-D1240 SA-D1350 SA-D1500

Digital Class-D Power Amplifier



Description

The digital class-D power amplifier adopts high-efficiency Class-D amplifying circuit with built-in high-efficiency switching power supply, which makes the whole machine efficiency up to 85%. Reasonable heat dissipation layout is adopted inside the product, which enables the product to maintain a working temperature lower than 55 degrees even in extremely harsh working environment, greatly extending the service life of the equipment.

The digital class-D amplifiers are of rated power output at 120W, 240W, 350W & 500W. It supports loudspeaker outputs of both high impedance 100V & low impedance 8 ohms, enable it meets both PA fixed installation and Hi-fi stereo sound installation.

There is one balanced input by phoenix connector for each channel with gain control. The zone speaker output both by 100V & 8 ohms.

Features:

- * Using 1U chassis black gold high-grade stainless steel panel design for 19" rack mount
- * Digital class-D power amplifier with switching power technology
- * Rated power output at 120W/240W/350W/500W
- * Speaker outputs 4-16ohms/100V
- * Balanced XLR input by phoenix connector
- * Each input with separate gain control.
- * Built-in auto standby feature to save power consumption
- * Separate indicators for protection, clip, input and output
- * Complete short circuit, overload, high temp, clip and DC protection
- * The built-in high-pass filters could be enabled or disabled through the dip switch pre-setting.
- * Automatic standby enable after no detection of signal input for one minute, immediately wake up at sight of any input.
- * Visual working status indicators include protection, clip, input and output for easy supervision
- * Wide AC input switchable between 115V and 230V, suitable for worldwide sound system installation.
- * 24V DC input as option at order request.

**Specification:**

Model	SA-D1120	SA-D1240	SA-D1350	SA-D1500
Description	Digital Class-D Single Channel Power Amplifier			
Rated Power Output	120W	240W	350W	500W
Speaker Output	4-16ohms & 100V			
Frequency Response	L/H Cut OFF 20Hz-20KHz (+1/-2dB) L/H Cut ON 70Hz-10KHz (+1/-3dB)			
Input	0.775V, 0dBu, balanced phoenix connector			
Input Impedance	10K Ω			
THD	<0.1% (1KHz/-3dBv, 100W)			
S/N Ratio	>80dB			
Crosstalk	>60dB, 1KHz, Max output			
Power Consumption	200W	300W	420W	550W
Power Supply	AC input switchable between 115V & 230V, 50-60Hz 24V DC input as option at order request.			
Dimension	482(W)x420(D)x44(H) mm			
Weight	4.2kg	4.5kg	5KG	5.5KG