



SD-350F/SD-300/SD-400/SD-600 Professional Power Amplifier



Product description

This series of power amplifier is a set of indoor and outdoor performance of the full range of applications of high power, internal structure, circuit design, tone performance have been repeatedly adjusted, the performance is very outstanding. The stability of the whole machine has also undergone repeated destructive tests.

Features

1. This series of amplifiers are high-efficiency TD-class amplifiers, which have both the sound quality of traditional AB class and the efficiency of digital D class, the perfect combination of the two; While the whole machine saves power, the sound is clean and mellow, and the low-frequency control is good.
2. High-speed photoelectric isolation amplitude limiting, which changes the problems of large amplitude limiting compression distortion and slow action in the traditional amplitude limiting compression mode; The large dynamic lower limit start control of the whole machine ensures that the distortion is less than 1%, and the sound is more perfect.
3. Small signal input adopts high frequency voltage, low distortion and low noise circuit, which ensures low noise and distortion of the amplified output of the whole machine.
4. The whole machine adopts the air duct heat dissipation structure, with the new high-efficiency shovel tooth heat dissipation and constant temperature fan circuit, the temperature rise of the whole machine is controlled below 70 degrees, which reduces the frequent aging of electronic components at constant temperature and ensures the service life of the whole machine.
5. With perfect soft start, wave attenuation and amplitude limiting, over-temperature, over-voltage and over-current protection functions
6. Stereo, parallel, bridge three mode options, input sensitivity options;



Technical parameters

Model	SD-350F	SD-300	SD-400	SD-600
Stereo power 8 Ω	2×250W	2×350W	2×450W	2×650W
Stereo power 4Ω	2×400W	2×560W	2×720W	2×1040W
Bridged Mono 8Ω	700W	980W	1260W	1680W
Signal to noise ratio	103db	105db	105db	105db
Conversion rate	60V/us	60V/us	60V/us	80V/us
Damping coefficient	300:1	300:1	300:1	300:1
Frequency response	+/-0.1db,20HZ+20KHZ			
Total harmonic distortion	≤ 0.01% Rated power @ 8 Ω 1kHZ			
Intermodulation distortion	≤ 0.01% Rated power @ 8 Ω			
Input sensitivity	0.775V,1.0V,1.5V			
Input impedance	10K/20K ohous, unbalanced or balanced			
Common analog ratio	≅ -75db			
Crosstalk attenuation	≅ -70db			
Indicator light	Signal,protect,dctive,clip/limiting			
Power supply	220V 50/60HZ			
FUSE	T8A	T10A	T12A	T15A
Weight	13.1kg	14.4kg	16.4kg	17.6kg
Specification(mm)	483W×405D×88H			