



## ST-F1600/ST-F1800

### 2 Channel Digital Power Amplifier



#### Features

1. A new type of digital-analog combined power amplifier in 3U height 132 mm.
2. 2 channel models are available .
3. Transparent sound, sufficient energy, delicate medium and high frequency , strong and elastic low frequency.
4. Carefully-selected high quality components. 100% quality inspection from material to finished product, which make high stability and long last working life of the amplifiers.
5. High stability of working performance and long - lasting working life .
6. Full automatic protection against short circuit, over-load, over-heat, mismatch, switch on/off and radio frequency interference.
7. Compact structure,it is a good choice to use them in wedding, KTV, bar, small roadshow, conference, etc.

#### Specification

Model No.	ST-F1600	ST-F1800
Channel number	2 channels	2 channels
Circuit category	digital-analog combined	digital-analog combined
Height	3U(132mm)	3U(132mm)
Output power at 4 Ohm	2850W*2	3200W*2
Output power at 8 Ohm	1600W*2	1800W*2
Bridge output power at 8 Ohm	4000W	4500W
Max. Output Voltage and Current	103V, 25A	105V, 30A
Voltage Gain	34dB	
Input Sensitivity	0db(0.775V rms) 1.0V/26dB	



Frequency response	20Hz to 20k Hz(+/-0.5dB),1W 8 Ohm	
Slew Rate	≥10V/us	
Damping factor	>400, 8ohm	
Cross Talk	>70dB	
S/N Ratio	>112dBA	
THD+N	< 0.58%,20-20K Hz,1W	
IMD	< 0.1% 1kHz and 1dB below	
Automatic Protection	Protections against short circuit protection, overload, overheat, radio-interference, on/off switching, mismatched load.	
Connection of Analog channel	Analog channel:3-pin XLR(Including 2*3 audio link output),electronic balance input.	
Connection of Output	Speakon Neutrik (4*nt4)	
Mode Selection Switch	The pull switch on the rear panel is used to select stereo mode, bridge mode, or parallel mode.	
Rated Voltage	220V AC 50Hz	
Working Voltage	190-250V AC	
Indicator light	Independent LED indicator light for each channel; Voltage peak limiter(VPL); CPL;High frequency(VHF); High temperature; Failure; Mute	
Product Dimension(W*H*D)	483*132*385mm	
Packing Dimension(W*H*D)	550*505*192mm	
Net Weight	22.2kg	23kg