



**Description:**

This range of power amplifiers are designed for commercial and industrial public address applications.

Rack mount design in 2U height aluminium panel, rated power from 350W, 500W to 700W, which provide a wide selection to meet different sizes sound system needs.

Both XLR, RCA line inputs and XLR, RCA line outputs make it selectable for installer, balanced and unbalanced line output feed to another power amplifier and pre-amplifier as well as secures the signal transmission is less noise and longer distance.

70V, 100V and 4-16ohm speaker outputs are convenient for installation when selection different speaker matching. A master volume control is included.

Complete protection includes current limiter, short circuit, thermal protection circuits, over-load and distortion alarm. Indicators for power, signal, clip, protection and temperature.

**Feature:**

- Rack mount PA 100V-70V amplifier in 2U height aluminium panel.
- Industrial design for audio project, long term & stable use.
- Rated power from 350W, 500W to 700W.
- 70V-100V and 4-16Ω flexible speaker outputs.
- Isolated transformer for human safety operation.
- Balanced XLR type line input and unbalanced phone jack line input.
- Balanced XLR type line output feeds to another power amplifier, phone jack line output for pre-amplifier.
- Reliable protection of over heat, over load, clip & short circuit.
- LED indicators for power, signal, clip, protection and temperature.
- Built-in automatic temperature controlled fan cooling.
- Warranty of 3 years with CE certificate.

**Optional**

- DC 24V available on less than 500W models
- Panel with/without rack mount brackets

**Specification:**

Model	SP-P350	SP-P500	SP-P700
<b>Description</b>	Single Channel PA System Power Amplifier		
<b>Rated Power Output</b>	350W	500W	700W
<b>Speaker Output</b>	100V, 70V & 4-16 Ohms		
<b>Input</b>	10k ohms( $\Omega$ ) < 1V , unbalanced phone jack and balanced XLR Input		
<b>Output</b>	10k ohms( $\Omega$ ) 0.775V (0 dB) , Unbalanced phone jack and balanced XLR Input		
<b>Frequency Response</b>	60Hz~20KHz ( $\pm$ 3dB)		
<b>S/N Ratio</b>	$\geq$ 70dB		
<b>THD</b>	Less than 0.1% at 1KHz, 1/3 rated power		
<b>Cooling System</b>	Fan auto open when internal temp reaches 55°C		
<b>Protection</b>	AC FUSE 10A	AC FUSE 12A	AC FUSE 15A
	Clip, short-circuit, overload and high temp protection		
<b>Power Supply</b>	AC 110-240V/50-60Hz		
<b>Power Consumption</b>	400W	600W	800W
<b>Power Cord</b>	(3 x 0.5mm <sup>2</sup> ) x 1.5M (standard)		
<b>Finishing</b>	High-end aluminum panel, 2U, painting black, Case: steel plate, black, elegant appearance		
<b>Net Weight</b>	15.88 KG	18.32 KG	19.68 KG
<b>Product Dimension</b>	88(H) $\times$ 485(W) $\times$ 418(D)mm		
<b>Gross Weight</b>	17.86 KG/pcs	20.17 KG/pcs	21.65 KG/pcs
<b>Package Size</b>	235 (H) $\times$ (W) 565 $\times$ 520 (D) mm, 1pcs/ctn		

**Rear Panel:**

