

## SLA-M-800 Power Amplifier

The maximum output voltage is 690Vrms

Maximum output power 800VA

The bandwidth (-3 dB) is 10kHz to 500kHz

Over current protection

Over temperature protection



### Overview

SLA-M-800 is an ideal single channel power amplifier.

Maximum output voltage of 690Vrms, 800VA power, can drive 0~100% resistive or non-resistive loads. The output impedance can be matched with multiple gears, which can be adjusted by customers according

### Input

Single-end input, the input is a BNC interface.

### Output impedance matching adjustment gear

Output resistance ( $\Omega$ )	4.5	9	18	38	75	149	300	595
Output voltage (Vrms)	60	85	120	175	245	345	490	690
Output current (Arms)	13.33	9.44	6.67	4.60	3.27	2.32	1.63	1.1 6

### Monitor

Output current monitor: 100mV/A

Output voltage monitor: 10mV/V

The output monitoring port is BNC connector, which can be directly connected to the oscilloscope

Real-time monitoring.

### LCD Panels Display

Operation panel LCD display, device status and parameters dynamic display, interactive interface at a glance, simple and easy to understand.

### Output

The output impedance matches multiple voltage gears. The customer can adjust the voltage percentage (0~100%) at the corresponding gears according to the test requirements to realize the output adjustment. The device is equipped with output overheat and overload protection. The LCD panel displays the current protection state and can be output again after troubleshooting.

## Specifications

<b>Model</b>	SLA-M-800
<b>Bandwidth (-3dB)</b>	10kHz~500kHz
<b>Maximum output voltage</b>	690Vrms
<b>Maximum output power</b>	800VA
<b>Input voltage at full amplitude output</b>	1Vrms
<b>Input resistance</b>	10kΩ
<b>Voltage monitor</b>	10mV/V
<b>Current monitor</b>	100mV/A
<b>Output connector</b>	4mm banana socket
<b>Protection</b>	Over current protection, over temperature protection
<b>Signal ground</b>	Connected with the grounding of the shell and the power line.

## Other

<b>Supply voltage</b>	AC110~240V, 50/60Hz
<b>Operating temperature</b>	0°C ~ 45°C
<b>Storage temperature</b>	-20°C ~ 50°C
<b>Humidity</b>	≤80% RH, no condensation
<b>Warranty</b>	3 years

## Order

<b>Model</b>	<b>SLA-M-800 Power Amplifier</b>
<b>Parameters</b>	10kHz~500kHz
<b>Accessories</b>	*1 three-core power cord, *3 BNC wires, *1 set of output wires, *1 safety tube, product specification, certificate, packing list and factory test report each.
<b>Contact</b>	sales@salukitec.com