**R&K Broadband RF Power Amplifier**

**Option Lineup**

_How to Order:_

<table>
<thead>
<tr>
<th>How to designate</th>
<th>R&amp;K A009K251 • 5050R OP 14 31 ......</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Model Number</td>
<td>Model Number of SSPA</td>
</tr>
<tr>
<td>2. Option Type</td>
<td>OP = Option</td>
</tr>
<tr>
<td>3. Option Number</td>
<td>Choose from below line up</td>
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**Option List**

- **Option 00 Protection Circuit & Alarm**
  - **Temperature Alarm**: If abnormal temperature is detected inside the Power Amplifier Unit, the power supply will be automatically turned off.
  - **Power Supply Alarm**: If power supply voltage into Power Amplifier Unit runs off the rated value, Power Supply Switch will be automatically turned off.
  - **Input Over Alarm**: If input RF signal exceeds rated input level, alarm will be activated.
  - **Forward Over Alarm (110%)**: If Forward Power exceeds 110% of rated output power, alarm will be activated.
  - **Reflected Over Alarm (60%)**: If Reflected Power exceeds 60% of rated output power, alarm will be activated. (Alarm set point is 110% of rated output power for products with built-in OUTPUT CIRCULATOR (Option 06))

- **Option 10 Manual Control**
  - **RF Switch**: Input RF Switch that permits RF input signal ON/OFF control.
  - **Operate Switch**: ON/OFF control of power supply to amplifier section (including Cooling Fan).
  - **Gain Control (Analog Att.)**: Gain control by the built-in analog attenuator.
  - **Gain Control (Digital Att.)**: Gain control by the built-in digital attenuator. (0.1dB/step)

- **Option 20 Display**
  - **Forward Digital CW Meter**: Add Forward Power digital CW Meter. (Accuracy : ±20% (typ.))
  - **Reflected Digital CW Meter**: Add Reflected Power digital CW Meter. (Accuracy : ±20% (typ.))

- **Option 30 Terminal**
  - **Specify the connector type.

- **Option 40 Exterior**
  - **19" System Rack**: Includes 19 inch system rack.

- **Option 50 Remote Control**
  - **R&K Multi Monitoring System**: Constantly monitor internal amplifying element or parameters of each amplifier block such as voltage, current, temperature, output power and reflected power. Data is saved in time-series order. Protecting operation (ALARM) activates as needed.
  - **GP-1B (IEEE-488)**: Remote control by GP-1B (IEEE-488)
  - **RS232C**: Remote control by RS232C
  - **USB**: Remote control by USB
  - **Ethernet**: Remote control by ETHERNET

- **Option 90 Others**
  - **Test Report & Manual**: Issue Test Report and Operation Manual *Standard accompanying documents for all models*
  - **Certificate of Calibration**: Issue Certificate of Calibration
  - **Traceability Chart**: Issue Traceability Chart

*All options listed herein are not necessarily available for all products. Available options may differ by product.

Please consult R&K Sales representative for available options.