R&K Broadband RF Power Amplifier

■Option Lineup

HOW TO ORDER

 $How to \ designate \ : \ R \& K \quad \underline{A \ 0 \ 0 \ 9 \ K \ 2 \ 5 \ 1 \ - \ 5 \ 0 \ 5 \ 0 \ R} \quad \underline{O \ P} \quad \underline{1 \ 4} \quad \underline{3 \ 1} \quad \underline{\cdots \cdots}$

2 3 3

1. Model Number : Model Number of SSPA

2. Option Type : OP = Option

3. Option Number : Choose from below line up



3



OPTION LIST

• 01	PHON UU PROTECTION CIRCUIT &	ALARIVI	"For	detail	s of the	e cırcu	uit operation, please contact R&K Sales representative.
0 1	TEMPERATURE ALARM	If abnorm	nal temp	eratu	re is c	detect	ted inside the Power Amplifier Unit, the power
		1 .	11.1		11		1 00

		1 , 1			
		supply will be automatically turned off.			
0 2	POWER SUPPLY ALARM	If power supply voltage into Power Amplifier Unit runs off the rated value, Power			
		Supply Switch will be automatically turned off.			
0 3	INPUT OVER ALARM	If input RF signal exceeds rated input level, alarm will be activated.			
0 4	FORWARD OVER ALARM (110%)	If Forward Power exceeds 110% of rated output power, alarm will be activated.			
0 5	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))			
0 6	OUTPUT CIRCULATOR	Output Circulator (Built in final output stage or each FINAL AMP. Block)			

· OPTION 10 MANUAL CONTROL

1 1	RF SW	Input RF Switch that permits RF input signal ON/OFF control.	
1 2	OPERATE SW	ON/OFF control of power supply to amplifier section (including Cooling Fan).	
1 4	GAIN CONTROL (ANALOG ATT.)	Gain control by the built-in analog attenuator.	
1 5	GAIN CONTROL (DIGITAL ATT.)	Gain control by the built-in digital attenuator. (0.1dB/step)	

· OPTION 2 0 DISPLAY

2 1	FORWARD DIGITAL CW METER	Add Forward Power digital CW Meter. (Accuracy : ±20% (typ.))
2 2	REFLECTED DIGITAL CW METER	Add Reflected Power digital CW Meter. (Accuracy: ±20% (typ.))

· OPTION 30 TERMINAL

*Specify the connector type.

3 1	FORWARD RF MONITOR OUT	Add RF monitor coupling output port of Forward signal.	
3 2	REFLECTED RF MONITOR OUT	Add RF monitor coupling output port of Reflected signal.	
3 3	FORWARD DETECTOR OUT	Add detection voltage output terminal of Forward power.	
3 4	REFLECTED DETECTOR OUT	Add detection voltage output terminal of Reflected power.	
3 5	SAFETY INTERLOCK IN	Power Supply Switch is automatically turned off at TTL=High or Open. Alarm	
	(EMERGENCY STOP IN)	status remains until TTL level becomes Low.	
3 6	RF CONNECTOR OPTION	Specify RF INPUT/OUTPUT Connector type.	

• OPTION 40 EXTERIOR

4 1 19" SYSTEM RACK Includes 19 inch system rack.	
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· OPTION 5 0 REMOTE CONTROL

*All options of Series 50 come with Option 12 (Operate SW)

5 1	R&K MULTI MONITORING SYSTEM	Constantly monitor internal amplifying element or parameters of each amplifier	
	(Coming with Option 01, 02, 04, 05, 12,	block such as voltage, current, temperature, output power and reflected power.	
	21,22,52)	Data is saved in time-series order. Protecting operation (ALARM) activates as	
		needed.	
5 2	GP-IB (IEEE-488)	Remote control by GP-IB (IEEE-488)	
5 3	RS232C	Remote control by RS232C	
5 4	USB	Remote control by USB	
5 5	Ethernet	Remote control by ETHERNET	

• OPTION 90 OTHERS

*Free for First Shipment

9 1	TEST REPORT & MANUAL	Issue Test Report and Operation Manual	*Standard accompanying documents
		for all models	
9 2	CERTIFICATE OF CALIBRATION	Issue Certificate of Calibration	
9 3	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.