



REMOTE SPECTRUM ANALYZER (RSA)

User Guide



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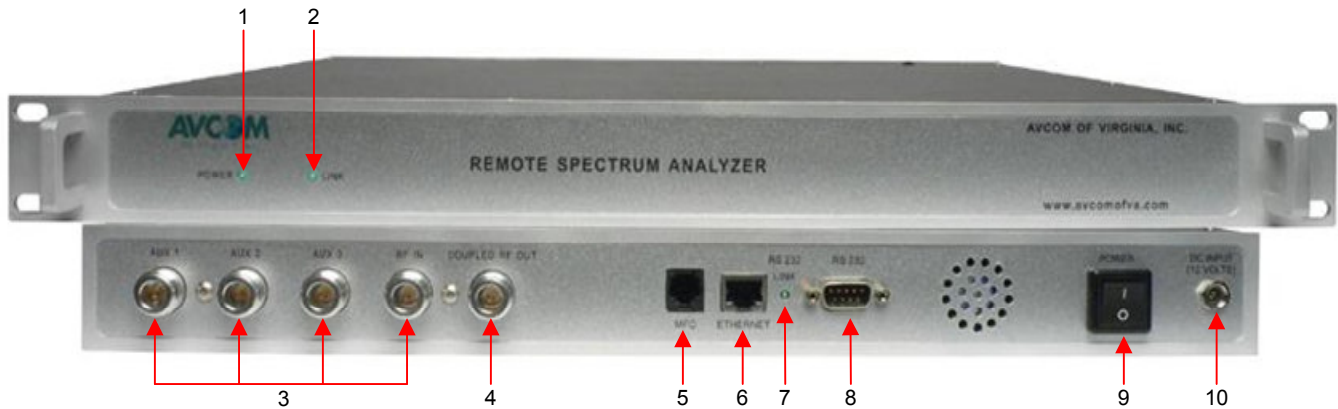
1. GENERAL OVERVIEW

The Avcom Remote Spectrum Analyzer (RSA) product family offers models with frequency ranges from 5MHz to 3000MHz. They are designed to work directly with a monitor and control system or independently via serial or ethernet with the Avcom GUI.

The RSA can be customized with the following options:

- **Multiple inputs (1, 2 or 4 inputs are available)**
- **10dB directional coupler. NOTE: adding this option limits the RF input range.**

2. FRONT / REAR PANEL CONTROLS



FRONT PANEL	
1. Power Indicator	Indicator is lit when unit is turned on.
2. Connection Indicator	Indicator is lit when serial or ethernet link is active.
REAR PANEL	
3. RSA Inputs	N-type jack used for receiving RF signals. **Options: 1, 2 or 4 inputs.
4. *Coupled RF Output	N-type output to receiver. <u>Note:</u> if RSA is ordered with this option, the coupled RF input range is limited by the directional coupler.
5. Frequency Converter Input	Used to connect a Frequency Converter for use in higher frequency ranges.
6. Ethernet Jack	RJ-45 ethernet connection port.
7. Serial Link Indicator	Indicator is lit when unit is connected directly to PC via RS-232 cable.
8. RS-232 Jack	Used to connect directly to a PC via RS-232 cable.
9. Power Switch	Turns the Remote Spectrum Analyzer on and off.
10. DC Input Jack	12V DC jack for power input.

* Option

3. TERMS AND CONDITIONS

Only the following terms and conditions apply to the sale and delivery of the goods reflected herein. The products manufactured by AVCOM OF VIRGINIA INC., (hereafter referred to as AVCOM) are subject to the following conditions and are subject to change without prior written notice at AVCOMS' sole discretion. All implied warranties, if any, terminate 1 year from the date of the original purchase.

4. LIMITED WARRANTY POLICY

AVCOM warrants to the original purchaser that this product shall be free from defects in materials and workmanship upon delivery. AVCOM additionally warrants that product, used under normal service conditions, shall be free from defects in materials and workmanship for a period of 1 year**. The warranty policy includes:

- Labor cost and replacement of original parts and components.
- Repair cycle time of 21 business days upon return of unit to the factory Customer Service Center.

AVCOM shall not be liable for cost of repairs or replacement of parts or components due to physical damage, product misuse or abuse and unauthorized modifications or repair.

To receive In-Warranty service, the defective product must be received no later than the specified warranty period by contacting AVCOM's Customer Service center for a Return Material Authorization (RMA) number. Information needed to process the RMA includes the Model number, Serial number, date and place of purchase. For an RMA number contact AVCOM Service Center at PHONE: (804)-794-2500 or FAX (804) 794-8284. No product will be accepted by AVCOM that does not have an RMA number.

** Extended warranty terms are available. Please contact Avcom of Virginia for details.