



## RigExpert AA-650 ZOOM

A member of the GREEN ZOOM family antenna analyzers the AA-650 ZOOM has Pro features and will satisfy the most demanding user.

### SPECIFICATIONS

<b>Frequency range:</b>	0.1 to 650 MHz
<b>Frequency entry:</b>	1 kHz resolution
<b>Measurement for:</b>	25, 50, 75, 100, 150, 200, 300, 450 and 600-Ohms systems
<b>SWR measurement range:</b>	1 to 100 in numerical modes, 1 to 10 in chart modes
<b>SWR display:</b>	Numerical or analog indicator
<b>R and X range:</b>	0...2000, -2000...2000
<b>Display modes:</b>	<ul style="list-style-type: none"> <li>• SWR</li> <li>• Return loss, R, X, Z, L, C</li> <li>• Magnitude and Phase Angle at a single frequency</li> <li>• SWR chart (100 points). SWR chart at fixed HAM bands by IARU Regions (100 points)</li> <li>• Cable tools (Velocity factor &amp; Cable length measurer, Stub tuner, Cable loss chart, Cable impedance chart)</li> <li>• TDR</li> <li>• Optional open-short-load calibration in SWR, R,X or Smith/polar chart graph modes</li> </ul>
<b>RF output:</b>	<ul style="list-style-type: none"> <li>• Connector type: N</li> <li>• Output signal shape: square, 0.1 to 200 MHz. For higher frequencies, harmonics of the main signal are used.</li> <li>• Output power: -10 dBm (at 50 Ohm load)</li> </ul>
<b>Power:</b>	<ul style="list-style-type: none"> <li>• Three 1.2V, 1800...3000 mAh, Ni-MH batteries, type AA</li> <li>• Max. 3 hours of continuous measurement, max. 2 days in standby mode when fully charged batteries are used</li> <li>• When the analyzer is connected to a PC or a DC adapter with a USB socket, it takes power from these sources</li> </ul>
<b>Bluetooth:</b>	v.4.2 BLE Single-mode, Class B
<b>Interface:</b>	<ul style="list-style-type: none"> <li>• 320x240 color TFT display</li> <li>• 6x3 keys on the water-proof keypad</li> <li>• Multilingual menus and help screens (English – Spanish – Japanese)</li> <li>• USB connection to a personal computer</li> <li>• Bluetooth v. 4.2 (Single-mode, Class B)</li> </ul>
<b>Dimensions:</b>	230 x 100 x 55 mm (9 x 4 x 2 in)
<b>Operating temperature:</b>	0...40 °C (32...104 °F)
<b>Weight:</b>	650g (23 Oz)

### NOTE:

All specifications are subject to change without notice or obligation.







## RigExpert AA-2000 ZOOM

### TURN complex analysis into FUN.

Powerful antenna and cable analyzer for up to 2 GHz with Big Blanview® Display.

The flagship of the Green Zoom product line AA-2000 ZOOM has:

- BIG sunlight readable Blanview® display
- High contrast with Low Power Consumption
- Factory calibration
- Multilingual user friendly interface
- Built-in Helper in the push of a button
- Up to three alkaline or rechargeable batteries with voltage from 1.2V to 3.7V
- Bluetooth LE for communication with mobile app

### SPECIFICATIONS

<b>Frequency range:</b>	0.1 to 2000 MHz
<b>Frequency entry:</b>	1 kHz resolution
<b>Measurement for:</b>	25, 50, 75, 100, 150, 200, 300, 450 and 600-Ohms systems
<b>SWR measurement range:</b>	1 to 100 in numerical modes, 1 to 10 in chart modes
<b>R and X range:</b>	0...2000, -2000...2000
<b>Display modes:</b>	<ul style="list-style-type: none"> <li>• SWR,</li> <li>• Return loss, R, X, Z, L, C</li> <li>• Magnitude and Phase Angle at a single frequency</li> <li>• SWR chart (100 points). SWR chart at fixed HAM bands by IARU Regions (100 points)</li> <li>• Multé mode</li> <li>• Cable tools (Velocity factor measures, Cable length measurer, Stub tuner, Cable loss check)</li> <li>• TDR</li> <li>• Optional open-short-load calibration in SWR, R,X or Smith/polar chart graph modes.</li> </ul>
<b>RF output:</b>	<ul style="list-style-type: none"> <li>• Connector type: N</li> <li>• Output signal shape: square, 0.1 to 200 MHz. For higher frequencies, harmonics of the main signal are used</li> <li>• Output power: -10 dBm (at 50 Ohm load)</li> </ul>
<b>Power:</b>	<ul style="list-style-type: none"> <li>• Three 1.2V, 1800...3000 mAh, Ni-MH batteries, type AA</li> <li>• 3x3.7V Li-Ion/Li-PO accumulators, size AA</li> <li>• Max. 3 hours of continuous measurement, max. 2 days in standby mode when fully charged batteries are used</li> <li>• When the analyzer is connected to a PC or a DC adapter with a USB socket, it takes power from these sources</li> </ul>
<b>Bluetooth:</b>	v.4.2 BLE Single-mode, Class B
<b>Interface:</b>	<ul style="list-style-type: none"> <li>• 400x800 color BlanView display</li> <li>• 6x3 keys on the water-proof keypad</li> <li>• Multilingual menus and help screens ( English / German / French / Spanish / Portuguese / Italian / Japanese / Ukrainian / Russian)</li> <li>• USB connection to a personal computer</li> <li>• Bluetooth v. 4.2 (Single-mode, Class B)</li> </ul>
<b>Dimensions:</b>	230 x 100 x 55 mm (9 x 4 x 2 in)
<b>Operating temperature:</b>	0...40 °C (32...104 °F)
<b>Weight:</b>	650g (23 Oz)

### NOTE:

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