

RigExpert® AA-1500 ZOOM

Powerful Antenna and Cable analyzer up to 1500 MHz

Applications

- Amateur radio
- Commercial radio
- Telecom

Use cases

- Checking and adjusting antennas
- Cable Length and Velocity Factor measurements
- 1/4- λ , 1/2- λ coaxial stubs setup
- Finding cable fault
- Measuring the characteristic impedance
- Measurement of parameters of other RF elements
 - Capacitors and inductors
 - Transformers
 - Traps

Main Features

- Color TFT display
- 6x3 keys on the waterproof keypad
- Consistency and accuracy without prior recalibration
- Multilingual user friendly interface
- Built-in Helper at the push of a button
- USB connection to a personal computer
- OSL calibration data memory to select different measurement fixtures quickly

RigExpertCare guarantees

RigExpertCare™ is the 2-year limited warranty coverage: Rig Expert Ukraine will replace defective goods covered by the Warranty with new goods of the same model as soon as possible.



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Specifications

Frequency range	0.1 MHz to 1500 MHz
Display	320×240 color TFT display
Operating time (continuous measurements)	Max. 4 hours of continuous measurement, max. 2 days in standby mode when fully charged batteries are used
Operating modes	<ul style="list-style-type: none"> • SWR • SWR, return loss, R, X, Z , L, C at single frequency • SWR chart (20, 50, 100, 250, 500 points). SWR chart at fixed HAM bands by IARU Regions (100 points) • Cable tools (Velocity factor & Cable length measurer, Stub tuner, Cable loss chart, Cable impedance chart) • TDR chart (Time Domain Reflectometer) • Optional Open-Short-Load calibration • Non Volatile memory: 100 slots to save measurement results
Built in Helper	Yes, at the push of a button
Localizations	English, Japanese, Ukrainian, Polish
Output connector	N-type
Output power	-10 dBm (at 50 Ohm load)
Battery	<ul style="list-style-type: none"> • Three 1.5V alkaline batteries, type AA • Three 1.2V Ni-MH batteries, type AA
Operating temperature	0°-40°C (32°-104°F)
PC/Mobile Interfaces	USB connection to a personal computer, Bluetooth ver. 4.2 (Single-mode, Class B)
Dimensions	100x 230 x 55 mm (4 x 9.0 x 2.0 inches)
Weight (with battery installed)	442 grams (15.6 Oz)
Warranty	2-years RigExpertCare™

Accessories inside the box

- Soft case
- Battery charger
- Rechargeable batteries
- USB cable
- N-type to UHF adapter.
- User's manual



For order and other questions please contact office@rigexpert.com