



Research Electronics International, LLC
455 Security Drive, Cookeville, TN 38506 USA

FOR IMMEDIATE RELEASE

New MESA™ Spectrum Analyzer Packs Utility in a Mobile Unit

Cookeville, TN, June 10, 2020 -- Radio Frequency (RF) applications demand agile, portable, handheld spectrum analyzers to measure the power and frequency of known *and* unknown transmissions, often at different locations. REI has developed a portable spectrum analyzer that delivers precision, high performance, and versatility for assessing RF energy in a variety of environments. The new **MESA™** - Mobility Enhanced Spectrum Analyzer is a handheld RF receiver that detects known, unknown, illegal, disruptive, or interfering transmissions throughout wide frequency spans up to 6 GHz (12 GHz with Down Converter antenna).

The MESA™ includes testing modes for RF spectrum analysis, Wifi, Bluetooth®, Mobile Bands and a new *Patent Pending* SmartBars™ mode that displays like a broadband receiver and uniquely highlights changes in RF energy in a bar graph display. SmartBars™ is a quick way to see changes in energy across a wide frequency span.

A wide selection of antennas and probes provide narrow to broad frequency ranges for varying applications. MESA™ auto-detects connected REI antennas/probes. Also included are probes for testing carrier current, ultrasonic, IR/Visible Light, and acoustic leakage for evaluating structure bound audio leakage.

The polycarbonate body is slightly bigger than a typical DSLR camera and weighs about the same or less. MESA™ is the only spectrum analyzer of its kind to be completely touch screen controlled. A 7 inch capacitive display offers easy navigation to control all MESA™ functions. The body is equipped with a hand strap and probe mounting bracket. A back mounted kick stand lets MESA™ sit upright for stationary use. The package includes Li-ion batteries and AC power supply.

MESA™ optimizes sweep speed, frequency range, and data processing in a portable analyzer suitable for a variety of applications. More information is available at REI's website.

About Research Electronics International

REI has been designing and manufacturing technical security equipment to protect against illicit information theft and corporate espionage for more than 35 years. REI is recognized as an industry leader by corporations, law enforcement agencies, and government agencies for technical security equipment. REI is located in Tennessee USA, with an extensive global network of resellers and distribution partners. For more information call +1 (931) 537-6032 or visit www.reiusa.net.

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Contact Person:

Tim Cody
Research Electronics International
455 Security Drive, Cookeville, TN 38506 U.S.A.
Tel: +1 (931) 537-6032, Email: tcody@reiusa.net



MESA™ – REI's new handheld Spectrum Analyzer offers portable RF sweep capability and advanced spectrum analysis tools for detecting unknown signals.

