

# Wireless

## 3500A Portable Radio Communications Test Set

**AEROFLEX**  
A passion for performance.



### New Integrated Audio Connectors

Instantly Analyze Radio Systems Problems with Critical RF and Audio Tests Available at Your Fingertips

#### Featuring

- 2 MHz - 1 GHz operation
- AM/FM transmitter and receiver tests
- Spectrum analyzer with < -136 dBm noise floor
- Oscilloscope
- Antenna/cable tests

#### And now available in release 3.3.1

- DCS decode
- DTMF encode/decode
- Frequency find
- Audio level meter
- Hold operation with screen save

Introducing the Aeroflex 3500A, the First Truly Rugged, Portable Radio Test Set.

With the latest in portability, battery life and performance, the Aeroflex 3500A builds upon Aeroflex's expertise in developing portable radio communications test sets with exclusive features and affordability that are destined to set a new standard in portable radio test sets. Designed to meet the needs of a multitude of radio tests, the 3500A provides fast, reliable measurements of the radio's transmitter and receiver parameters. With the additional capability to perform quick testing of antennas and cables, the 3500A provides the most complete portable test solution available to quickly isolate problems and assess performance of the radio, cable and antenna systems.

#### Portable and Rugged

- Easy portability - weighs less than 8 lbs. (3.6 kg)
- Rugged construction - solid magnesium alloy weatherproof case
- -20° to +50° C operating temperature range
- 5 hour battery life

Aeroflex engineers designed the 3500A from the ground up to be portable and rugged, weighing in at less than 8 lbs (3.6 kg) including the battery. It has a solid magnesium alloy weatherproof case, an operating temperature range of -20° to +50°C, and rugged construction specifications (Mil-PRF-28800A) for humidity, altitude, shock, and vibration. The battery gives the user 5 hours of operation and can be fully re-charged and ready to operate in only 4 hours. In addition, the 3500A and the optional accessories can be stored in a ruggedized transport case.

#### Radio Installation Failures

- Handset and antenna allow over the air "Talk Test"
- RSSI Meter
- RF Error Meter
- Modulation Measurements
- Audio Frequency Counter
- Spectrum Analyzer
- Audio Frequency Oscilloscope

For the very latest specifications visit [www.aeroflex.com](http://www.aeroflex.com)