

# ANDRE™ ADVANCED KIT

The ANDRE is a handheld broadband receiver that detects known, unknown, illegal, disruptive, or interfering transmissions. The ANDRE locates nearby RF, infrared, visible light, carrier current, and other types of transmitters. Access to eavesdropping and electronic bugging devices is becoming easier and more affordable. Quickly and discretely mitigate these threats using a wide range of accessories included in the ANDRE Advanced Kit that are specifically designed to receive transmissions across a 1 kHz to 6 GHz frequency range.

Technical security specialists will appreciate the portability and responsiveness of the ANDRE. It is an excellent complement to an OSCOR Spectrum Analyzer as a preliminary non-alerting tool.

## APPLICATIONS

- Emissions detection of WiFi, bluetooth, cell phones, illicit transmitters, etc.
- Interference detection and troubleshooting
- Contraband detection in correctional facilities
- RF research and development
  - Wireless industry developers
  - Hobbyists and RF enthusiasts
  - Educational institutions
- Corporate security surveys for illegal, unauthorized, or threatening transmitters
- Measuring or detecting acoustic leakage or ultrasonic mechanical vibrations

## INCLUDED ACCESSORIES

The ANDRE Advanced Kit includes accessory probes to expand or narrow the reception range depending on the application. The ANDRE automatically recognizes attached probes and displays the correlating frequency band:

	Frequency Range
(a) Whip Antenna*	30 MHz - 6 GHz
(b) VLF Loop*	10 kHz - 30 MHz
(c) Locator Probe	20 MHz - 6 GHz
(d) Concealed Antenna	750 MHz - 6 GHz
(e) Acoustic Leakage Detector	300 Hz - 20 kHz
(f) Audio Transformer	300 Hz - 20 kHz
(g) Carrier Current Probe*	100 kHz - 60 MHz
(h) Log Periodic Antenna	500 MHz - 6 GHz
Infrared/Visible Light Probe (built-in)*	1 kHz - 70 MHz

\*Basic package available with four probe attachments.



# ANDRE™

## ADVANCED NEAR-FIELD DETECTION RECEIVER



**DISPLAY:** 3.5" (4cm) capacitive touchscreen

**BUILT-IN SPEAKER** and external headphones with adjustable volume control

**RF DETECTOR SENSITIVITY:**  
-75 dBm for 3 GHz frequency  
-85 dBm for probes providing frequency at 500 MHz

**FREQUENCY COUNTER** provides frequency of strongest signal

**STEPPED ATTENUATION CONTROL:** 30dB, 20dB, 10dB, Auto, off

**GAIN CONTROL:** +15dB, off

**AUDIO AMPLIFIER** for basic audio testing with oscilloscope display

**BUILT-IN FREQUENCY DATABASE** of commercial RF bands

**AUDIO DEMODULATION:** analog AM and FM audio with oscilloscope

**TRIGGER ALERT** function provides warnings when RF levels exceed defined thresholds

**HAPTIC RESPONSE** gives interactive feedback

**RSSI TONE** changes pitch respective to signal strength

**SCREEN SHOT** capture and store screen shot for review and reporting

**USB PORT** for software upgrades, file transfer, and power charging

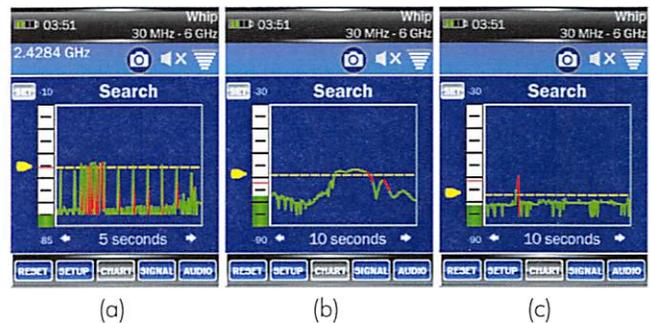
**BATTERIES:** 3400 mAh lithium ion rechargeable battery (2 included), USB recharger

**RUN TIME:** >5 hours (typical)

## FEATURES & BENEFITS

### HISTOGRAM DISPLAY

The ANDRE features a signal strength histogram displaying RF levels over user-selected time intervals ranging from 5 seconds to 12 hours. Observe differences between (a) digital, (b) analog, and (c) burst signals and set alert thresholds.



### SIGNAL INFORMATION AND BAND DETAILS

The ANDRE frequency counter automatically generates a signal list from the strongest signals. Signal frequencies are listed beginning with the strongest signal and can be designated as threatening, friendly, or unknown. Double-tapping a signal provides more details including band classification information.



### AUDIO MODE

The ANDRE can demodulate and playback live analog audio. Ten second audio files can be recorded, stored, and played back. The live audio screen displays a bar graph showing received signal strength.



### POST-INVESTIGATION RESOURCES

Gather data throughout an investigation for further analysis following a sweep. Review time chart screenshots, playback demodulated audio, and download captured signal lists on any PC while writing your report.

