

Audiotel International - Training syllabus:

Surveillance threats & Countermeasures	SuperBroom	Scanlock M3 Standalone operation	Scanlock M3 Using the software	Detect IV
<p>At the end of this course students will:</p> <ul style="list-style-type: none"> • understand the concept and application of covert electronic surveillance • have an appreciation of the measures available to protect their organization • understand the need for threat level assessment <p>Topics covered include:</p> <p>Threats</p> <p>Who is at risk? How much of a problem? How is it done? The main types of surveillance device Radio transmitters Receiving Equipment Methods of deployment Optical devices Cable transmission Telephone interception Other threats Information paths</p> <p>Countermeasures</p> <p>Prevention or Cure? Access control Safe room Staff & Contractor Vetting Jamming Education Scrambling & Encryption Countermeasures search TSCM Equipment Preparation & Planning Reporting Discovering a listening device Threat assessment</p>	<p>Equipment capabilities</p> <p>Harmonic Radar Theory</p> <p>Harmonic Radar Re-Radiation</p> <p>Equipment Configuration</p> <p>User Controls</p> <p>Battery technology</p> <p>Operation</p> <p>Transmitter Power Control</p> <p>Display</p> <p>Search Operation</p> <p>Additional Functions</p>	<p>General discussion of the M3 as a countermeasures receiver</p> <p>Overview of the radio spectrum usage</p> <p>M3 features</p> <p>Equipment overview, antennas and power supplies</p> <p>Harmonic receiver</p> <p>Broadband detectors</p> <p>Mobile phone detectors</p> <p>Basic operation</p> <p>Man Machine Interface</p> <p>Start-up & Reference scans</p> <p>Detect > Decide > Locate</p> <p>Auto & Manual tune</p> <p>Spectrum & Difference mode</p> <p>Audio mode</p> <p>Locating a transmitting device</p>	<p>Setup</p> <p>Installing the M3 software</p> <p>Ethernet / Internet connection</p> <p>Remote operation via IP connection</p> <p>USB software upgrades</p> <p>Basic operation</p> <p>Reference files and data storage</p> <p>Harmonic receiver</p> <p>Broadband detectors</p> <p>Mobile phone detectors</p> <p>Waterfall display & occupancy chart</p> <p>Alarms</p> <p>Recording & replaying data</p> <p>Measuring & interpreting signals</p> <p>Locating a transmitting device</p>	<p>Detect IV Overview</p> <p>Basic Operating Method</p> <p>Detect Mode</p> <p>Advanced Operating Method</p> <p>Broadband CW</p> <p>Broadband Burst</p> <p>Harmonic Receiver</p> <p>NLJD & Metal Detector</p> <p>Harmonic Radar</p> <p>Signal Re-radiation</p> <p>Signal Quieting</p> <p>Locate Function</p> <p>Event Log</p> <p>Snapshots</p> <p>References</p>
1 Day	Half a day	1 day		1 day