

## Scanlock M2 counter surveillance receiver

When searching for active RF transmitter listening devices, speed is essential. If important meeting areas are under threat from electronic eavesdropping, minutes or even seconds could potentially be worth tens of thousands of pounds to an eavesdropper.

The detection and location of illicit RF transmissions requires swift and silent action to identify and locate listening devices on the Radio Spectrum without alerting potential eavesdroppers to what is happening.

Scanlock M2 makes the detection, identification and location of covert radio transmitters quicker and easier than ever before.

Imagine how long it would take to manually tune a radio into every station on the FM bandwidth to identify what was transmitting at each frequency.

With Scanlock M2 you can not only cover the whole FM bandwidth, but a 500 times wider bandwidth, all in less than 5 seconds.

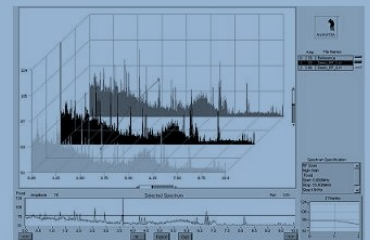
The Global Spectral Analysis Software adds a further dimension to identifying listening devices. Scanlock M2 can be controlled remotely via telecommunication networks.

Data can be saved directly to disk for further analysis; allowing multiple scan comparisons easily identifying any new and unusual bursts in activity.

Compact and portable, Scanlock M2 is easily transported and can be desk-mounted for continuous monitoring during meetings.

### User Benefits

- Quickly identifies and locates active RF transmitters
- Simplified presentation of complex information
- Controllable externally via telecommunication networks to perform scans as required from any location
- Compact for easy transportation
- Cable checking function allows operator to check telephone and mains cables for listening devices
- Records identified legitimate signals, speeding up subsequent scans



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# Scanlock M2

counter surveillance receiver

## Technical Specification

Frequency range	Near DC to above 5GHz <i>(Frequency response is in two bands near DC to 10MHz and 10MHz to above 5GHz)</i>
Sensitivity	Better than -70dBm <i>(Sensitivity defined as 10dB SNR for 1kHz tone measured in CCITT weighting filter, WBFM 50kHz pk-pk deviation, RF swept compression mode)</i>
2 <sup>nd</sup> order intercept	-2dBm <i>(RF high gain, measured at 100MHz)</i> +60dBm <i>(RF low gain, measured at 100MHz)</i>
3 <sup>rd</sup> order intercept	-13dBm <i>(RF high gain, measured at 100MHz)</i> +39dBm <i>(RF low gain, measured at 100MHz)</i>
1dB compression	-20dBm <i>(RF high gain, measured at 100MHz)</i> +10dBm <i>(RF low gain, measured at 100MHz)</i>
IF rejection	N/A
Spurious free dynamic range	74dB <i>(overall 2<sup>nd</sup> order spurious free dynamic range measured at 100MHz)</i>
Dynamic range	98dB <i>(overall dynamic range measured at 100MHz)</i>
Scan rate	under 5 seconds <i>(Fixed compression, 10MHz to 5GHz, 100kHz fixed compression resolution)</i>
Size	312 x 70 x 252mm (W x H x D)
Weight	4kg
Battery life	typically 5 hours

## Warranty

Scanlock M2 comes with a return to base warranty against defective materials and workmanship for a period of 2 years from delivery. With regular authorised maintenance and recalibration of the unit the basic warranty can be extended for a further period.

## Technical Support Group

The Audiotel Technical Support Group (TSG) can be contacted during UK office hours on:

T: +44 (0) 1536 266677

F: +44 (0) 1536 266711

or via the Contact Us page on the Audiotel website.

Core UK office hours are (GMT):

Mon.-Thur.: 09:00am to 5:00pm

Fri.: 08:30am to 4:00pm

## Training

Audiotel is able to offer full training in the operation of our products together with general counter measures training and seminars.

Due to our policy of continuous improvement, all specifications are subject to change without notice.

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