



HSA-Q1

The HSA-Q1 is a compact, fully integrated, portable, RF spectrum analyser, with an user-friendly interface designed specifically for professional countermeasures.

KEY FEATURES

- The HSA-Q1 features a wide 1 MHz to 13.4 MHz frequency range.
- It boasts a sweep time of just 0.5 seconds or 27 GHz per second.
- The HSA-Q1 has a Waterfall display function for detected signal analysis.
- The Waterfall function shows a real time full colour graphical display of any detected signal.
- Data can be downloaded and logged to USB device] with a time and date stamp.

OPERATIONAL DETAILS

The portable HSA-Q1, fitted with a retractable stand for desktop use, has been designed with the highest possible technical specification to ensure maximum detection capability. It has an invaluable range of features to aid countermeasures RF detection. This technical specification is matched with its easy to operate, intuitive interface and durable design.

- Tune and listen demodulation function
- Background memory function for sweep comparison
- Multi-element custom antenna



HSA-Q1

OPERATIONAL SPECIFICATIONS

Detection Frequency Range	1 MHz to 13.44 GHz
Sweep time	500 ms (Full Range) 200ms (Lower Range)
Waterfall function	Real time colour Spectrogram
Tune & Listen Function	Direct tune to any frequency (1 KHz Resolution)
Demodulation	AM/WFM/NFM via speaker or earphones
Data logging interface	Downloadable to USB Stick - Time and Date Stamped
Audio Output	Internal speaker and headphone socket
RF Connector	TNC jack

RANGE & ENDURANCE

Background memory function	Record RF environment and store for later comparison
RF sensitivity in sweep mode	-80 dBm (max)
RF Sensitivity in Tune & Listen Mode	-100 dBm (max)

BATTERY & POWER

Battery	Internal Lithium Polymer Battery
Rechargeable	Yes
Operating duration	4 hours
Charge time	4 hours

DISPLAY & DIMENSIONS

Display	TFT Colour 6" display screen (outdoor readable)
HSA-Q1 dimensions	223mm x 158mm x 45mm
HSA-Q1 weight	1.3 kilos
Case external dimensions	363mm x 282mm x 120mm
HSA-Q1 and case combined weight	3.3 kilos

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ACCESSORIES

Antenna 1

Antenna 2

Earphones

5V DC Charger

Lead

Carry case

Multi-element concentric antenna (13.44GHz)

Telescopic Whip Antenna (Low Frequency use)

Wired earbuds

110V to 240V AC input (Auto Switching) with International Adaptors

USB charging cable

Heavy duty military standard



