



## C-IED Detector

KT10-MD

# KIRINTEC LEADS THE WAY IN C-IED DETECTION

The Kirintec KT10-MD dual sensor C-IED detector offers a unique and rapid ground search capability for a wide range of IED trigger mechanisms in all types of terrain.

By combining sophisticated metal detection with a highly specialised type of RADAR, Kirintec has managed to produce an extremely flexible and uniquely capable C-IED solution.

Based on technology specifically designed for the Armed Forces, the KT10-MD capability has been rigorously trialled, tested, evaluated and fielded in the harshest of conditions against today's most challenging IED targets.

## Optimum Detection Performance

The KT10-MD RADAR operates in a frequency band that has been demonstrated through extensive trials and evaluations to optimise target detection in the widest range of soil substrates and with the widest range of substrate moisture conditions.

The inclusion of an automatic ground balancing metal detector ensures that standard and legacy target devices are detected along with the more challenging low metal content VOIEDs.

## Developed with the EOD community

The KT10-MD capability has been developed and improved thanks to working closely with a number of end user EOD teams and operators. Comprehensive third party involvement ensures that the detection capability delivered by the KT10-MD is rugged, reliable and consistent in all operational scenarios.

## Detection Capability

- High metal content devices (AP mines)
- All metal types including aluminium foil
- High and Low metal content Victim Operated IED Pressure Plates
- Radio remote control devices at stand-off (mobile phones, radio remote control servos)
- Electronic trigger mechanisms (timing devices, active or inactive electronics)

## Applications

- Route clearance
- Searching of railway tracks, pathways, buildings
- Check suspect packages at stand off
- Venue searches, capability used at the 2014 G20 Leader's Summit in Australia
- EOD and Counter Terror operations
- Check suspect individuals
- Customers include; Police, Special Forces, EOD teams and Military



Simple User Interface



Wand < 1.5kg

Lightweight detector

OPTIMUM DETECTION IN ALL SCENARIOS

Features	Benefits
Simple to use with clear and concise indication (Audio & visual)	Low training burden
Low false alarm rates (independent of terrain or substrate)	Fast rates of advance
Patented detection control algorithm	Protects against accidental initiation
High performance detection	Radio remote controlled devices detected at stand off
Anti-jamming protection	Protects against accidental or malicious attempts to counter the capability
Two piece, light-weight detector, handheld section (<1.5kg)	Minimises operator burden and fatigue
Detects powered and unpowered electronic devices	Find dormant targets

## Proven capability

The KT10-MD capability has been fielded and used successfully on the ground in some of the harshest combat areas around the world, that said it's just as at home in the hands of Sappers from 3CER protecting the G20 as it is on the battlefield.