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Radiodetection SPX gCAT4+ Cable Avoidance Tool

Product Images

Product Code: S00-7586del

Short Description

Radiodetection SPX gCAT4+ Cable Avoidance Tool adds GPS position to the usage data recorded. Bluetooth connectivity allows seamless transfer of usage data to the C.A.T Manager Online cloud based system for near real-time monitoring of operator s' performance. See datasheet for full details.

Description

Model 10/GCAT4+EN03

gC.A.T4
This model adds GPS position to the usage data recorded. Bluetooth connectivity allows seamless transfer of usage data to the C.A.T Manager Online cloud based system for near real-time monitoring of operators' performance. See datasheet for full details.

Detect More, Detect Faster

The new C.A.T4 digital platform delivers highly refined locate capabilities, specifically designed to help the operator find more buried utilities. The C.A.T4 Avoidance Mode™ lets the operator check an intended excavation area for Power, Radio and Genny signals, and pinpoint located utilities in a single scan. Features such as the bargraph 'tidemark' enable an operator to quickly spot a peak response and zero-in on a buried conductor.

Dig More Safely

Radiodetection's proprietary StrikeAlert™ has been improved to reduce the number of shallow cable strikes. The C.A.T4 guides users towards better and safer working practices through its optional SWING™ Rate detector and Service Due date warning.

Optional data acquisition capabilities allow Plant Supervisors to administer their fleet more safely and effectively by providing comprehensive logs of C.A.T4 usage for analysis and personnel development.

C.A.T4 is a safety-critical precision instrument and the optional 30-day countdown to the Service Due date, CALSafe™ and innovative eCert™ on-line system calibration validation capabilities are designed to reinforce company and recommended service policies.

Data Acquisition

eC.A.T4™ series products can store over a year's worth of the key measurements and modes of operation. C.A.T Manager™ can be used to export log files to enable detailed data usage analysis offering multiple benefits such as identifying training and development needs, and providing independent historical records of the instrument's use. Backed-up data on a PC gives virtually unlimited record keeping for the life of the product.

Dynamic Overload Protection

Radiodetection's unique digital signal processing capabilities equips the C.A.T4 with the ability to reject electrical interference. Dynamic Overload Protection gives C.A.T4 series products the ability to continue operating in electrically challenging areas, such as near substations and under power cables, where other locators' detection circuitry may be overloaded and no longer function.

Avoidance Mode™

Sweep an area of Power, Radio and Genny signals simultaneously, saving time. C.A.T4 lets operators control the sensitivity of each mode/signal, enabling buried utilities to be pinpointed in a single pass, while Real Sound provides audio feedback derived directly from the utility located, easing identification to maximise speed whilst maintaining safety.

eCert™

eCert provides a fast and thorough test of key circuitry elements within C.A.T4, and validates

their validation performance against the original factory calibration over the internet.

eCert™, activated through the C.A.T Manager software, provides a fast, thorough and convenient test of the key locating circuitry within C.A.T4, and validates its performance against the original factory calibration. Following an eCert test pass, a Radiodetection Calibration Certificate for that C.A.T4 can be printed or saved.

What's more, C.A.T Manager can reproduce the original factory calibration certificate, or any eCert certificates that it has produced, on demand.

For a complete maintenance package, Radiodetection also offers exhaustive factory-backed service and recalibration options including full mechanical integrity inspection and function testing.

SWING™

Radiodetection C.A.Ts are designed to respond exceptionally fast to even the smallest detectable underground signals. Radiodetection's research into underground signal detection has shown that the ability of an operator to identify these buried utilities is directly affected by careless working practices such as excessive or rapid swinging.

To further reduce utility strike risks, eC.A.T4 units are equipped with sensors to detect such incorrect usage and warn the operator with an alert that is also stored in the data log.

High Visibility Display with Backlight

The C.A.T4's high visibility display helps to minimise the possibility of misreading critical information from the unit. The high contrast and automatic backlight illumination provide optimum visibility in all light conditions.

Genny4 Signal Boost

The Genny 4 offers, alongside its standard power mode, a Signal Boost feature which increases the output signal by up to 10 times allowing you to locate over extra distance and depth. Additionally, the simultaneous Small Diameter Locate frequency design aids detection of smaller cables including spurs.

Model 10/GCAT4+EN03