

10/04/2024

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Innovative new features have been introduced and the popular existing modes of detection have been enhanced to allow the successful detection of even the hardest to find pipes and cables. Particular attention has been paid to effect better working practices and to minimise the potential for human error to impact on operating performance.

IMPROVED PERFORMANCE ACROSS ALL FOUR DETECTION MODES

The CXL4 Cable Avoidance Tool has improved performance across all modes of detection; Power, Radio, Generator and AllScan, whilst remaining easy to operate ensuring there is only a minimal need for training or retraining.

SIMULTANEOUS DUAL-FREQUENCY

The simultaneous dual-frequency 33kHz and 131kHz signal output of the Signal Generators is ideal for maximising the number of buried services that can be energised and then detected, providing a significant improvement in the detection of the smaller diameter or poorly earthed cables.

OVERLOAD PROTECTION

Optimised Locator Sensitivity and Noise Rejection means that the CXL4 can deal with the highest levels of background interference found, allowing even the weakest of signals to be detected successfully.

INTELLIGENT NEW FEATURES:

ALARM ZONE

AlarmZone™ alerts operators to the presence of particularly shallow pipes or cables with the exact trigger depth adjustable by the user to best suit local requirements.

DYNAMIC SWING SENSOR

The Dynamic SwingSensor which gently alerts the operator if the locator is being swung excessively, potentially compromising the accuracy of any locates.

PEAKHOLD

PeakHold allows operators to quickly and confidently pinpoint the exact position of buried services

DATA LOGGING

The CXL4-D has full data logging capability. A years worth of data can be stored, in normal usage, on both the Cable Avoidance Tool and the SGV4 Signal Generator.

DATA LOG TRANSFER via USB

This can be conveniently transferred at any time to supervisors for analysis via a USB cable to a PC.

DATA ANALYSIS

C.SCOPE PC 'TOOLKIT'

The free-to-download C.Scope PC Toolkit analyses the stored data-logs into charts and graphs that illustrate all aspects of the use allowing training requirements to be quickly identified.

CALIBRATION

The CXL4 Cable Avoidance Tools do not require periodic recalibration. A fully Automatic Daily Self Test (ADST) tests and confirms that they are functioning at their optimum level each day.

AUTOMATIC DAILY SELF TEST (ADST)

The CXL4 Cable Avoidance Tools perform an Automatic Daily Self Test (ADST). The ADST checks the functionality of the locator including the receiving aerials each day when it is first switched on. The SGV4 Signal Generator also performs a comprehensive Automatic Daily Self Test (ADST).

At the start of each day of use, a positive Automatic Daily Self Test result gives confirmation to the operator that the kit is working at the optimum level.

The result of this test is recorded and stored on memory within the products in-built data files and can be downloaded onto a PC at any time within the following 12 months*.

PRODUCT VALIDATION CERTIFICATION

These test results can be used to produce a Product Validation Certificate using the C.Scope PC Toolkit. In addition, any results of the Self Test that have been carried out in the last twelve months* are available. The PC Toolkit can also be used to view and print a copy of the original factory Calibration Certificate.

C.Scope authorised Service Centres are also able to provide third-party Test and Calibration Certification should you require it to comply with client or internal requirements.

HIGH RESOLUTION BACKLIT DIGITAL DISPLAY

The CXL4 has a large, clear and easy to read backlit LCD mounted behind a protective polycarbonate lens. The display indicates detection mode, signal peak level, depth, signal strength and battery condition. It also displays the Automatic Daily Self Test results.

DETACHABLE SPEAKER

The speaker can be easily detached for use in noisy work environments.

ROBUST AND DURABLE CONSTRUCTION

The CXL4s twin wall construction is robust and durable. It also provides IP65 standard protection against dust and water ingress.

SERVICE

A complete covers off service & maintenance package is available for those customers who require it from C.Scope Authorised Service Centres.

THREE YEAR WARRANTY

The CXL4 comes with a three year Warranty (conditions apply).

Also known as a Locator 9C Receiver

Ref: 100567

Description

The CXL4CAT-D Cable Avoidance Tool from C.Scope represents a significant advance in cable detecting performance with full data logging capability.

Innovative new features have been introduced and the popular existing modes of detection have been enhanced to allow the successful detection of even the hardest to find pipes and cables. Particular attention has been paid to effect better working practices and to minimise the potential for human error to impact on operating performance.

IMPROVED PERFORMANCE ACROSS ALL FOUR DETECTION MODES

The CXL4 Cable Avoidance Tool has improved performance across all modes of detection; Power, Radio, Generator and AllScan, whilst remaining easy to operate ensuring there is only a minimal need for training or retraining.

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DATA LOGGING

The CXL4-D has full data logging capability. A years worth of data can be stored, in normal usage, on both the Cable Avoidance Tool and the SGV4 Signal Generator.

DATA LOG TRANSFER via USB

This can be conveniently transferred at any time to supervisors for analysis via a USB cable to a PC.

DATA ANALYSIS

C.SCOPE PC 'TOOLKIT' and 'RELAY' Smartphone App

The free-to-download C.Scope PC Toolkit and C.Scope Relay smartphone App analyses the stored data-logs into charts and graphs that illustrate all aspects of the use allowing training requirements to be quickly identified.

CALIBRATION

The CXL4 Cable Avoidance Tools do not require periodic recalibration. A fully Automatic Daily Self Test (ADST) tests and confirms that they are functioning at their optimum level each day.

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