C.Scope DXL4-D Cable Avoidance Tool - Data Logging

Product Images

Product Code: S83-2093

LOCATOR FEATURES

Short Description

The DXL4 Cable Avoidance Tool from CScope 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 DXL4 Cable Avoidance Tool to successfully detect 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 DXL4 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.

DEPTH MEASUREMENT
The DXL4 when used alongside an SGA4 or SGV4 Signal Generator will measure and indicate the depth of buried pipes, cables and sondes at the push of a button.

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 DXL4 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 DXL4-D Cable Avoidance Tool 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 DXL4 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 DXL4 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 DXL4 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 DXL4's 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 DXL4 comes with a three year Warranty (conditions apply).

Features

- Power Mode
- Radio Mode
- Generator Mode:
  Simultaneous 33+131kHz
  33kHz signal detection for all purpose tracing and utility avoidance

+ 131kHz for optimum detection of short length, small diameter or unearthed cables.

- *All* Scan Mode
- Accurate Depth Indication
- Overload Protection
- Alarm Zone™
- Peak Hold
- Dynamic Swing Sensor
- Automatic Daily Self Test
- Data Logging of all Locator activity
- Data Transfer by USB
- High Resolution Backlit Liquid Crystal Display
- No periodic Calibration required
- Product Validation Certificate available
- Network Rail Approved

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