

Metrotech EasyLoc Cable Avoidance and Tracing System

Easyloc location system

Utility location system to detect and trace cable runs and pipe networks. The Easyloc is fast and simple to operate, with features designed to avoid potentially dangerous power cables and other services as efficiently as possible.

The Easyloc receiver shows the signal level received and marks the maximum with a marker. This means operators work with both the audio signal and the visual confirmation at all times. Just like using the signal meter on a mobile phone!

Depth measurement is possible at the push of a button, even when using Power Mode.

Who benefits?

Easyloc is suitable for Water, Rail, Gas, Power, Highways and Telecommunication Utilities and Contractors; Groundworks; Building, Local Authorities, Civil Engineering, Street Lighting, and Fencing, Gardening and Landscaping companies.

Easyloc Rx receiver

- Passive location of Power and Radio signals
- Active location of 33kHz transmitted signals
- Semi-automatic sensitivity control
- Depth measurements in Active and Passive Modes
- Continuous signal strength display
- Peak indicator "Easy Locate"
- Audio output via loudspeaker with volume control
- Single-finger function key-control
- Dual sensors for Auto Backlight
- Auto off function

Easyloc Tx Transmitter / Generator

- 33kHz continuous or pulsed
- Class leading power output
- High (0.5 W) and low (0.1 W) power settings
- Simple push-button control
- Air cored antenna
- Induction or direct connection
- Induction in two planes of antenna orientation



Service and Repair / Whole Life Cost

Easyloc is the first of its type to consider Whole Life Cost. The design from the outset has been aimed at precision performance from modular components. Annual calibration is a simple test, with no part-dismantling required, dramatically reducing calibration cost. Any repairs are carried out by quick replacement of modules.

Training

The Easyloc easy location system is quick to learn. To make best use of Easyloc, or to learn Cable Avoidance technique, or to be trained as

a trainer, we offer seminars both in our training centre and on location. For more information, see www.sebakmt.com

Scope of delivery

Complete Easyloc set: Easyloc Rx receiver, Easyloc Tx transmitter, connection and earth leads, earth spike, carrying bag and operating manual.

Easyloc Rx receiver: Easyloc Rx receiver, op. manual.

Easyloc Tx transmitter: Easyloc Tx transmitter, connection and earth leads, earth spike and op. manual.

Easyloc Bag

Optional accessories

Rx

Earphones

Tx

Connection cable Schuko 230 V, connection cable telecom, connection cable coaxial

Transmitter Clamp 100 mm

To connect a transmitter signal onto live or dead cables and pipes

Pipeline Transmitter Sonde

Self powered, to locate non-metallic pipes

Technical Data

EasyLoc Rx receiver

Frequency range	<ul style="list-style-type: none"> • Power mode: 50 Hz to 250 Hz • Radio mode: 15 kHz to 23 kHz • Easyloc Tx mode: 33 kHz
Location depth	• 0.3 m to 7 m; Depth accuracy (best) +-5%
Depth measurement	• up to 4 m
Sensitivity at 1m depth	• 50 Hz: 7 mA; Radio: 10 µA; 33 kHz: 3 µA
Operational time	• > 40 hours
Power supply	• 10 x IEC R6 1.5 V
Temperature range	<ul style="list-style-type: none"> • Operation -20 °C...+55 °C • Storage -40 °C...+70 °C
Weight	• 2.5 kg
Dimensions	• max. 67 x 26 x 10 cm
Protection category	• IP 56

EasyLoc Tx transmitter

Transmitted power	• 0.1 Watt / 0.5 Watt (switchable)
Frequency	• 33 kHz
Type of signal	• Pulse and continuous signal (switchable)
Operational time	• > 40 h
Power supply	• 6 x IEC R20 1.5 V
Temperature range	<ul style="list-style-type: none"> • Operation -20 °C...+55 °C • Storage -40 °C...+70 °C
Weight	• 2.6 kg
Dimensions	• 26 x 25.5 x 14 cm
Protection category	• IP 56