



CABLE LOCATOR CL 1

The cable locator CL 1 rivals any cable locator for an economic price.

An innovative concept, the receiver is a one-piece design, that is rugged, lightweight and accurate. The superior filtering of the CL 1 receiver picks up signal easily at waist height, thus eliminating the "Duck Walk", and there are no cords dangling around the users legs since the receiver features a built-in probe. This superior technology and filtering allow the user to locate in or around power lines without interference.

Features:

- most simple handling, one-knob control
- innovative concept with economic price
- rugged ABS plastic design
- superior technology and frequency filtering
- analogue indication meter for field strength
- acoustic indication with variable pitch audio tone
- receiver available for minimum mode or maximum mode
- convenient 45 ° triangulation for depth locating (minimum mode)
- 2 active transmitter frequencies selectable for direct coupling
- built-in transmitter coil for high frequency inductive coupling
- durable, high-impact transmitter case with extra space for receiver and accessories
- large Flexicoupler for inductive coupling available (option)



Simple to operate, the cable locator CL 1 pinpoints underground cable and pipe using an analogue meter. A minimum indicates the receiver is directly over the target cable.

Maximum readings occur when the receiver is swung to either side of the cable path. This cable locator also features a new "variable pitch audio tone". This "variable tone" gives the user a better indication of the meter setting. This added feature easily identifies the minimum over the cable or pipe path.

The transmitter is housed in a durable, high-impact case, built to withstand years of field abuse and transportation. With its bright yellow case colour, the design makes the cable locator CL 1 highly visible on any job location. The case also provides ample storage space for the receiver and its accessories, and the entire unit easily fits into a utility vehicle storage compartment.

Performance:

The BAUR cable locator CL 1 operates on low frequency for optimum path and depth locating accuracy. By using a direct connection and low frequency, the probability of false coupling to adjacent pipes or cables is greatly reduced. Low frequency also provides a greater locating distance from the transmitter.

The cable locator CL 1 offers additionally operation at high frequency. This feature sends a stronger signal over shorter distances when directly connected. High frequency also provides for no contact inductive transmitter coupling: this means that a signal can be induced onto the cable or pipe by placing the transmitter on the ground directly over the cable or pipe. This feature is invaluable to the user when a direct connection is not available on the locating site.

The cable locator CL 1 offers three types of accurate depth locating:

"45 ° Triangulation" from the left side of the cable path

"45 ° Triangulation" from the right side of the cable path

"Straight Lift" method where the receiver is placed on its side and lifted "straight-up" till the meter gives the correct response reading.

The cable locator has an optional Flexicoupler that replaces the traditional pliers design of inductive transmitter couplers. The Flexicoupler wraps around cables or pipes even with large diameters to induce the high-frequency signal with no direct connection involved.



Technical data: CL 1 receiver

	CL 1 receiver
Operating frequency	82315 Hz (82 kHz) 815 Hz
Noise rejection	116 dB minimum
Gain control	126 dB minimum
Antenna mode	minimum - responding vertical coil or alternative maximum - responding horizontal coil
Meter output	analogue
Speaker output	variable pitch tone 1 k - 4,2 kHz
Power source	eight alkaline batteries IEC LR6
Battery life	greater than 80 hours
Operating temperature	- 20 to + 55 ° C
Size	330 x 76 x 76 mm
Weight	0,8 kg

Technical data: CL 1 transmitter

	CL 1 transmitter
Operating frequency	82315 Hz (82 kHz) 815 Hz
Hook-up method	direct connection inductive coupling from transmitter case inductive coupling with optional Flexicoupler
Output power	100 mW, nominal
Maximum open circuit voltage	30 V AC
Operating temperature	- 20 to + 55 ° C
Power source	eight alkaline batteries IEC LR 20
Battery life	greater than 120 hours
Dimensions transport case with receiver storage compartment	430 x 190 x 160 mm
Weight	2,8 kg



Order Instructions:

Cable Locator CL 1 with accessories	414-034
Delivery includes:	
Receiver with built-in probe for minimum method	560-121
Transmitter	560-120
Connection cable with clamps	560-123
8 pieces batteries LR 6 (receiver)	567-010
8 pieces batteries LR 20 (transmitter)	567-008
Ground rod	560-124

Alternative:

Cable Locator CL 1 with accessories	414-035
Delivery includes:	
Receiver with built-in probe for maximum method	560-122
Transmitter	560-120
Connection cable with clamps	560-123
8 pieces batteries LR 6 (receiver)	567-010
8 pieces batteries LR 20 (transmitter)	567-008
Ground rod	560-124

Option:

Flexicoupler	560-125
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