



LKZ-1500

Wires and pipe locator

index: WMXXLKZ1500



The LKZ-1500 set for underground utility localization, consisting of a transmitter and receiver, allows you to locate, identify and track the route of buried objects in the ground, such as:

- power and control cables, data and telecommunications cables,
- underground lighting and cathodic protection systems,
- water and sewage installations,
- fuel and transmission installations: gas and other pipelines,
- heating systems and preinsulated pipes.

Recipients (customers) of LKZ-1500 include energy and installation companies, earthworks, construction, railways, telecommunications, fixtures, water and sanitary installations, district heating companies and geodetic offices.

Locator functions:

- determine the direction of cable placement, position of the cable relative to the receiver axis (has a compass function),
- determine the current and residual depth of the cable, both in active mode (with transmitter) and in passive mode (without transmitter),
- save the route of placing an object on the map. Memory up to 10,000 co-ordinates,
- possibility of finding damaged cable locations.

The device, with any GPS module and dedicated program (LKZ Terminal), that is provided with the set, will allow you to plot the route of the underground object and mark the location of single measurement positions on the map. Communication of the LKZ with GPS module is through the Bluetooth.

Transmitter:

- transmitter power: max. 10W (available: 1W, 2W, 5W, 10W),
- direct, inductive clamp (NI) or internal transmitter antenna coupling,
- continuous or interval mode of operation that extends battery life (12V / 7Ah battery),
- case housing, segment display,
- operating temperature range from -30°C to + 55°C,
- dimensions: 275x250x180 [mm].

Receiver:

- operating in a wide frequency range:
 - passive mode (50 Hz-60 Hz, 100 Hz, 300 Hz, 550 Hz, 1450 Hz),
 - ether (48 Hz-14 kHz),
 - radio (10 kHz-36 kHz),
 - active mode (273 Hz, 526 Hz, 1024 Hz, 8928 Hz, 33 kHz),
- cable earth fault detection (frame A or DKI probe),
- power supply from removable battery (5 LR6 AA),
- graphic display of the position, depth of the object and direction of current,
- location depth up to 6 m
- dimensions: 700x300x140 [mm],
- operating temperature range from -20°C to + 55°C.

standard parts and accessories

LKN-1500 cable locator - transmitter	WMXXLKN1500
LKO-1500 cable locator - receiver	WMXXLK01500
blue 5m cable with banana plugs	WAPRZ005BUBB
red 5m cable with banana plugs	WAPRZ005REBB
crocodile clip - blue K02	WAKROBU20K02
crocodile clip - red K02	WAKRORE20K02
ground electrode 23cm	WASONG23
battery charger Z16 (transmitter)	WAZASZ16
battery charger Z17 (receiver)	WAZASZ17
L13 case	WAFUTL13
sun shield for LKO-1500	WAPZOZSL4
rechargeable NiMH battery 6V, 2Ah	WAAKU23
case for batteries	WAPQJ3
user manual	

additional accessories:

adapter - Frame A	WAADALKZRA2
DKI probe	WASONDKI
adapter - GPS module RCV-300	WAADARCV300
N-1 clamp	WACEGNIBB
insulation control probe DKI-P1	WASONDKIP1

