

Cable Tracer CT33

- Small universal 33kHz cable tracer for all kind of cables
- Excellent for locating duct sondes
- Can be connected to live 230V wires
- For indoor and outdoor use





Versatile cable tracer for everyone

CT33 is Vesala's new general purpose cable tracer. It contains CTT33 compact transmitter and CL43 compact locator. Several accessories are available, such as feeding cords, clamp-on transformers and receiver probes.

Thanks to its small size, both the transmitter and receiver fit in places where other bigger locators would be too clumsy. CTT33 and CL43 are fully compatible with other brand 33kHz locators.

CL43 receiver

Outdoors CL43 can be used to trace and pinpoint underground cables and duct sondes from several metres depth. Indoors CL43 can be used to locate, for example, cables and wires inside walls and other structures and floor heating cables.



CL43 receiver is compatible with all Vesala 512Hz, 10kHz and 33kHz sondes and/or transmitters. Probes and transmitter sondes are selected as per customer needs, e.g. tracing of blockages in cast iron ducts requires SA05 probe and a 512Hz sonde such as PL18-05.

Inserting PL18-05 sonde into a cast iron duct with a push rod.

CT33 standard setup

- Compact Transmitter CTT33 (incl. batteries)
- Connecting cord TB10 (safety bananas 1 m), 2 pcs
- Adapter safety crocodile XKK (banana), 2 pcs
- Connecting cord S3TB (Schuko/safety bananas)
- Compact Locator CL43 (incl. batteries)
- Receiver probes SA43, LA43 and KA43 for CL43
- Carrying case KLCT33
- User manual



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Made in Finland

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CT33 can be used for:

- Tracing mains cables and wires indoors and outdoors
- Tracing telecom cables and identifying wire pairs
- Locating duct sondes
- Identifying circuit breakers and fuses in electrical cabinets
- Tracing floor heating cables

CTT33 - Don't let the small size fool you

CTT33 can be connected to telecom cables and even directly to 230V live mains wires. With a clamp-on transformer e.g. underground cables are equally reachable. CTT33 is powerful: Its output power corresponds to many big outdoor use focused transmitters.

CTT33's output signal can be switched between continuous and two pulsed tones. Pulsed signal is often easier to distinguish from noise.

Technical specifications

CTT33 transmitter

Output signal

33kHz (32,768Hz), level 20Vrms (in Boost mode), max. current 170mA rms (Boost mode). Max. output power 1.3W. Output signal continuous or 4Hz or 8Hz pulsed.

Batteries and power consumption

6pcs, 1.5V IEC LR6 (AA) alkaline batteries (or similar NiMH cells), 11...225mA

Enclosure and weight

ABS, size approx. 155 x 90 x 50mm, weight approx. 400g (with batteries)

Appliance class

Rated voltage 250Vrms. Over voltage class CAT II 250V

Environmental conditions

Usage -20...+40C (dry or damp conditions), storage -40...+60C (dry conditions). IEC 60529 degree of protection IP55.

CL43 receiver

Receiving frequencies

512Hz, 10kHz and 33kHz (32.768kHz)

Batteries

3pcs. 1.5V IEC LR03 (AAA) alkaline batteries. Low battery warning at approx. 3.7V

Enclosure material & size

Stainless steel and aluminium, 180 x Ø40 mm, weight approx. 230g (batteries included, no probes)

Environmental conditions

Usage -40...+60°C (dry or moist conditions), storage -40...+60°C (dry conditions). IEC 60529 degree of protection IP44.