

551™ | Advanced Underground Locator

Designed for professionals and packed with advanced features, the 551 brings you everything you want in a Locator. With our dual frequency transmitter you can easily track cables despite electrical interference, choose between peak/null modes, get a stronger, more reliable signal, with IntelliTrack™ noise rejection and more!

Whether you're tracing electrical lines, irrigation wires, telecom cables, or metal pipes, this rugged, IP54-rated locator is built for precision and performance.

Product Features:

- Dual Simultaneous Frequencies
- IntelliTrack™ Noise Rejection
- Peak/Null Antenna Modes
- Inductive Clamp
- Broadcast Antenna
- Passive Mode
- IP54
- Ergonomic, lightweight Receiver
- Accurate Depth Triangulation
- Bright LCD for easy viewing
- Removable Transmitter
- Rugged Hard Case

Perfect for locating:

- Electrical Cables
- Communications Cables
- Irrigation Control Cables
- Tracer Wires
- Metallic Pipes
- Fish Tape
- Sondes (33 kHz)



Speed. Dependability. Innovation. www.tempocom.com



551 | Advanced Underground Locator

Offers three methods of connection to fit every location job.

- Direct connection
- Inductive Clamp
- Transmitter Induction



Ordering Information

CAT. NO.	DESCRIPTION
551	Advanced Underground Locator
551-R	Receiver
551-T	Transmitter
IC-5	Inductive Clamp
551-C	Carry Case
HS-1	Optional Headset
551EU	Advanced Underground Locator (Europe Only)
551EU-T	Transmitter (Europe Only)

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FULL UNIT	
Performance	
Max Depth	20+ ft (6+ m)
Max Distance	Over 1 mile (1.6 km)
Operating Conditions	
Operating Temperature	14 °F to 131 °F (-10 °C to 55 °C)
Weight	
With Batteries	11.5 lbs
Without Batteries	9.6 lbs
CASE DIMENSIONS	
Length	28 in. (711mm)
Width	12.6 in. (321mm)
Height	4.1 in. (104mm)
TRANSMITTER	
Physical Specifications	
Weight without batteries	2.6 lbs
Weight with batteries	4.3 lbs
Ingress Protection Rating	IP54
Battery Specifications	
Battery Type	6x D cell ¹
Dual Frequency Mode	40 hrs typical
Single Frequency Mode	50 hrs typical
Auto Shutoff	3 hrs
Operating Frequencies	
Direct Connect	1.75 kHz + 33 kHz Simultaneous
Inductive Coupler	33 kHz
Inductive Antenna	133 kHz
Max Output Power	
Direct Connect	3.7W rms ²
Induction Mode	<1W
RECEIVER	
Physical Specifications	
Weight without Batteries	1.0 lbs
Weight with Batteries	1.2 lbs
Ingress Protection Rating	IP54
Headset sound pressure level	96±3 dBA SPL max ³
Battery Specifications	
Battery Type	4x AA cell
Typical Battery Life	35 hrs
Auto Shutoff	1.5 hrs

1. 1.8W rms for EU model
2. Alkaline recommended
3. When used with Tempo HS-1



Renewed Vision. Innovation Forward.

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