

## UAT-600 Series **Underground Utilities Locator**

Accidentally hitting a utility line during a project can lead to costly repairs and create hazardous public safety situations. Digging in the wrong place can also lead to unnecessary delays and costs for your project, and ultimately, your company. Avoid this disruption with the rugged and durable Amprobe UAT-600 Series, designed to accurately pinpoint underground utilities and buried services.

UAT-600-R Receiver



- **Rated CAT IV 600 V**, ensuring safety when working with energized cables
- **Multiple tracing modes** allow you to locate and trace energized and de-energized utilities in a variety of applications
- **The intuitive Transmitter** automatically chooses the correct locating function based on the connected accessory and includes selectable 8/33 kHz frequencies
- **The Receiver's high-contrast display** allows for clear viewing in full sunlight and features an automatic backlight for shaded and dark areas
- **Semi-automatic gain control** quickly detects tracing signal and allows precise adjustment of the receiver sensitivity
- **Locate buried utilities up to 100 feet deep, with accurate depth measurement to 20 ft**
- **Rugged, durable construction:** water and dust resistant to IP54 and drop proof to 3.28 ft (1 m)
- **Use the Signal Clamp** to induce a signal without making electrical contact (included with UAT-620)
- **Ground fault locating with the optional A-Frame accessory**
- **Comes as a complete kit, ready for use**

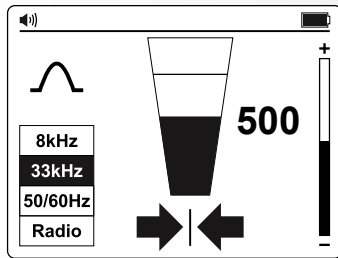
UAT-600-T Transmitter



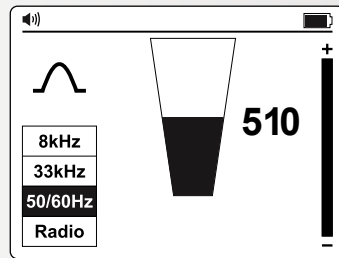
UAT-610  
Order No. 4994380



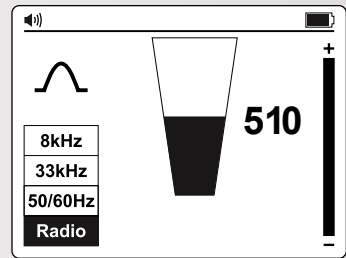
UAT-620  
Order No. 4994398



In an **Active Mode** using the Transmitter, arrow indicators help quickly assess the location of the utility



Passively locate Energized cables and power lines with **Power Mode**



Passively locate any utility, Energized or De-energized, with **Radio Mode**

	UAT-600
<b>Overvoltage category</b>	CAT IV 600 V
<b>Transmitter output voltage</b>	Max. 50 V rms
<b>Transmitter output current</b>	Max. 250 mA rms, constant current in 5 steps
<b>Transmitter output/ mains hazardous voltage warning</b>	≥ 30 V rms
<b>Transmitter tracing modes</b>	<p><b>Energized circuit</b></p> <p>Induction mode: 33 kHz (32,768 Hz)</p> <p>Direct connection modes: 8 kHz (8,192 Hz) and 33 kHz (32,768 Hz)</p> <p>Clamp mode: 8 kHz (8,192Hz)/33 kHz (32,768Hz)</p> <p><b>De-Energized circuit</b></p> <p>Induction mode: 33 kHz (32,768 Hz)</p> <p>Direct connection modes: 8 kHz (8,192 Hz), 33 kHz (32,768 Hz), A-Lo/A-Hi</p> <p>A-Frame: 8 kHz (8,192 Hz)</p> <p>Clamp mode: 8 kHz (8,192Hz)/33 kHz (32,768Hz)</p>
<b>Receiver tracing modes</b>	<p>Active tracing: 33 kHz (32,768 Hz) and 8 kHz (8,192 Hz)</p> <p>Passive tracing: 50/60 Hz and Radio*</p>
<b>Receiver depth measurement and accuracy</b>	<p>Up to 20 ft (6 m)</p> <p>4 in (0.1 m) to 10 ft (3m): ± 3 %</p> <p>10 ft (3 m) to 20 ft (6 m): ± 5 %</p>
<b>Receiver display</b>	4.3 in, 320 x 240 BW outdoor LCD display with auto backlight
<b>Transmitter display</b>	2.4 in x 1.3 in LCD display with LED backlight



### UAT-600 Series Kit contents

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\***TL-UAT-600 Test Leads Kit includes:** Black test lead with detachable black alligator clip, red test lead with permanently attached red alligator clip, ground stake



SC-600 Signal Clamp  
Order No. 4994479



TL-UAT-600 Test Lead Kit  
Order No. 4994446

See pg. 60-64 for details about accessories.