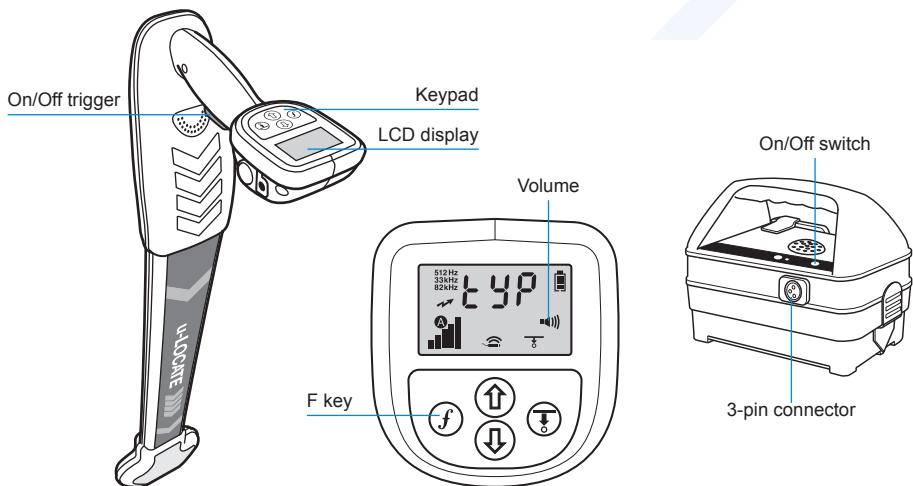


# u-LOCATE™

## Pipe and Cable Locator Range

### Quick Start Guide



### Pre-locate safety scan

- Pick up your u-LOCATE(+) receiver and hold it so that the trigger is depressed to turn the unit on.
- Select the "Lightning bolt" mode by pressing the "F" key until that mode is selected.
- Using the "Lightning bolt" mode, scan the area of interest to determine if there are any utilities already carrying signal. Note these lines for reference.

### For Direct Connect

- Open the transmitter tray by unclipping yellow clasps, and remove direct connect leads and ground stake. Plug the direct connect leads into your transmitter 3-pin connector on the side.
- Connect the red lead to your target utility, ensuring you have metal-to-metal contact from alligator clip to conductor.

**⚠ WARNING: Ensure that what you are connecting to is not live. If it is, you may use the Live Cable Connector, available as an optional accessory to your u-LOCATE kit.**

- Push the ground rod into an area of soil 5-10 feet away and connect the black lead to it, ensuring metal-to-metal contact.

**⚠️ WARNING: Be sure that the ground rod does not penetrate another conductor or other buried facility, such as a gas line, power cable, or sprinkler line.**

- A nearby adjacent metal object in the ground may also be used instead of the ground rod, e.g. a street sign.
- Turn on the transmitter by pressing the “**On/Off**” **key**. The lower the tone from the speaker, the better your connection is. You can test this by clipping and unclipping the black lead to hear the tone change. Ensure that you are not touching any of the metal clip or ground stake directly when doing this.

**NOTE: You can increase your transmitter output for longer distance locating, or deeper lines by pressing the “+” Boost button, though using this mode will lessen battery life.**

- Pick up your u-LOCATE(+) receiver and hold it so that the trigger is depressed to turn the unit on.
- Select 82KHz mode by pressing the “**F**” **key** until that mode is selected.
- With you back to the transmitter, perform a circular sweep in the area around your connection point and note any areas with maximum signal strength and/or areas where the arrows point to the same location.

**NOTE: Maximum signal strength will be found when the handle of the u-LOCATE receiver is oriented in the same direction as the utility you are trying to find.**

- When you have identified the utility you are trying to trace, follow the line using the left/right guidance arrows, and pinpoint using the maximum signal strength number.

**NOTE: Buried utilities can bend and travel in different directions – always align the receiver to give maximum signal strength over the line you are trying to find.**

- To estimate the depth of the utility, place the nose of the receiver on the ground over a utility that you have pinpointed, slowly rotate the receiver until maximum signal strength and momentarily press the depth button. After a few seconds, the depth estimation will be displayed.

**⚠️ WARNING: Depth is provided as an estimation only. The displayed depth estimation can be inaccurate in areas with multiple lines or external interference. Always practice safe digging, by hand, in areas with known utilities or other buried lines.**

## Volume Control

- To adjust the output volume of the transmitter, prior to start up, press and hold the **On/Off key** until you hear the volume is reduced.
- To adjust the output volume of the receiver, press and hold the “**F**” **key** while the unit is operating. There are 3 levels, OFF, Medium and High. Each subsequent press and hold of the “**F**” **key** cycles between the options.

**Discover other ways to make the best use of this locator: Scan the QR code on your u-LOCATE or u-LOCATE+.**

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