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TestEquipmentDepot.com

# Armada Technologies Pro65 Plastic Pipe Tracing Rod with Sonde



## Instruction Manual

## **Introduction**

The Pro65 Plastic Pipe Tracing Rod with Sonde can be used to track the paths of non-metallic pipes up to 65 feet in length. It has a small diameter, which means it can fit into smaller pipes than most other tracing rods or fish tapes. The Pro65 can be used in two ways; tracking the entire rod, or tracking only the sonde at the end of the rod. For tracking the entire rod, you can use any underground wire/cable locator, such as our Pro700, Pro800D, Pro871C, or Pro900. To track the sonde at the end of the rod, you will need a locator that uses a 33 kHz frequency, such as our Pro871C or Pro900.

## **Setup for Tracing the Line**

1. Insert the plastic pipe tracing rod into the pipe being tracked as far as it will go.
2. Using the transmitter of your wire locator, connect the red alligator clip to the red knob on the Pro65 plastic pipe tracer. Connect the black alligator clip to the ground stake included with your wire tracker. See Figure 1 below.

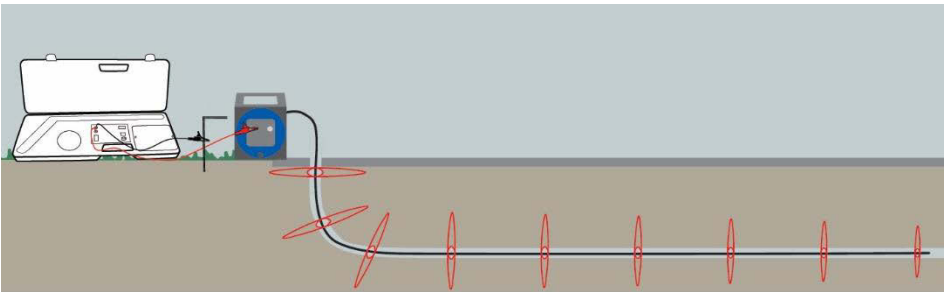


Figure 1

## **Tracking the Path of the Pipe**

1. Power on your transmitter and adjust the power level until your analog meter reads between 4 and 8. Or if using a Pro900, until you see an OK signal on the transmitter display. If your locator has the option of Hi or Lo

frequency, you can use either one for this application, though we'd recommend using the Hi setting of 33 kHz.

2. Now use your receiving wand to track the signal of the rod through the pipe, just like you would track any other underground wire or cable. If you are using "NULL" reception, there will be no signal over the rod, and beeping on both sides of the line. If you are in "PEAK" reception, it will beep loudest when the wand is pointed directly over the rod. See Figure 2 below.

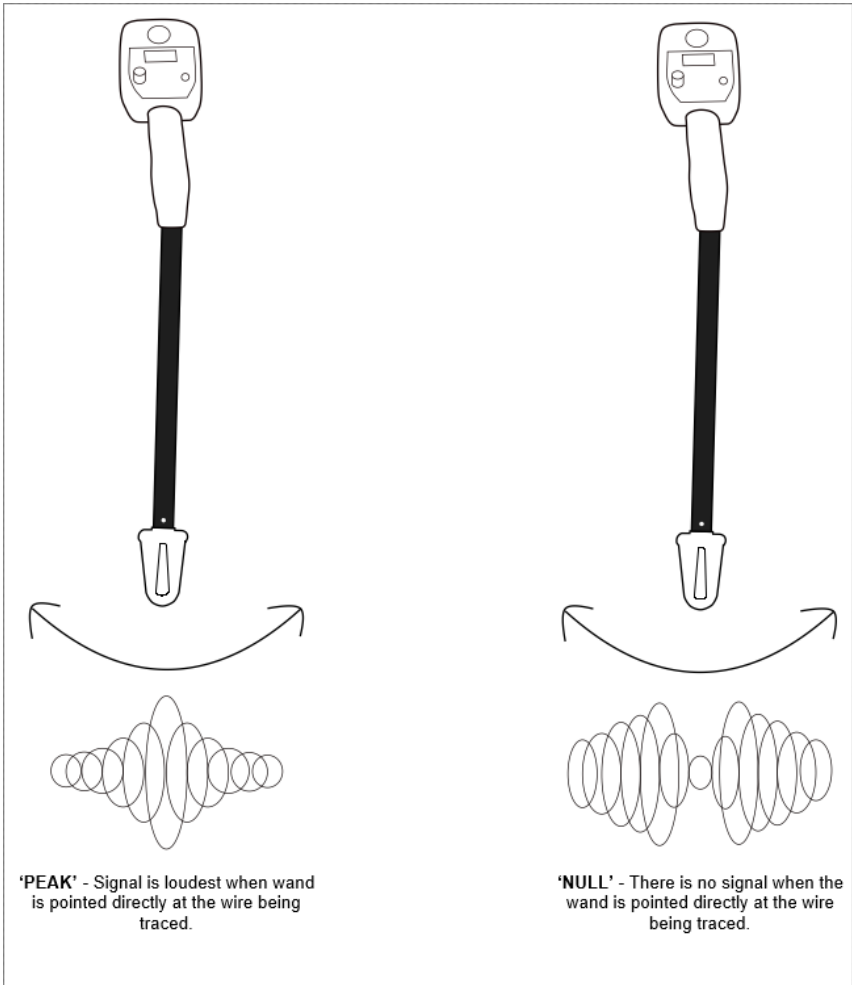


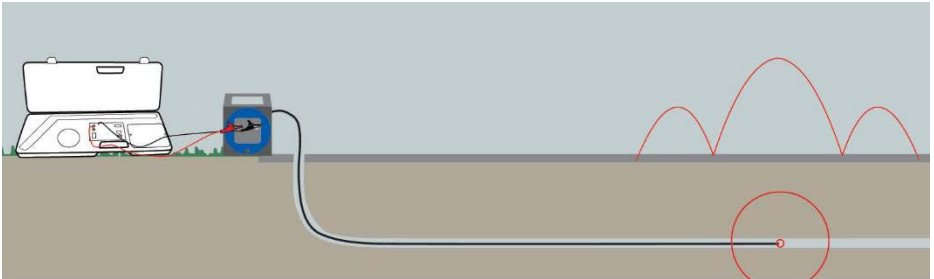
Figure 2

3. When you get to the end of the rod, you should lose the beeping signal.

### **Tracking the Sonde**

This method should be used if you want to track only the sonde at the end of the tracing rod. *You will need either a Pro871C or a Pro900 locator to track the sonde, as those two locators have a Hi frequency that uses a 33 kHz signal.*

1. Insert the Pro65 tracing rod into the pipe as far as it will go.
2. Then connect the red alligator clip of your wire tracker to the red knob on the Pro65, and connect the black alligator clip to the other knob next to the red one. See figure 3



below.

Figure 3

3. Turn your transmitter on, and switch to Hi Frequency mode.
4. Using your receiving wand, walk the path of the pipe until you hear a beeping sound. A beeping signal will indicate you are near the sonde. The beeping will get loud the closer you get to the sonde. If pointed directly over the sonde, the locator should go quiet, also known as a null signal. Then you'll know you are at the end of the plastic pipe path.

## **Warranty**

Armada Technologies warranties all products for 12 months from manufacturing defects from the date of retail purchase. Armada Technologies will repair or replace any component that is returned to Armada Technologies within 12 months of purchase and does not exhibit signs of abuse or misuse. It is Armada Technologies sole discretion to determine this condition. Armada Technologies also reserves the right to require a proof of purchase in order to determine date and validity of purchase.

## Notes

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