



# vLoc3-5000

## Premium 3D Line Locator

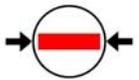
### Classic Locate Mode

Making use of the industry-leading 4.3" color LCD display, the vLoc3-5000 Premium Line Locator presents the user with intuitive visual indicators to help ensure the most accurate locate!

**The vLoc-5000 features SIS (Signal Select) with Positive Line Identification.** The SIS feature when used, synchronizes the transmitter and receiver to provide a direction indicator (+ or -) of the signal to be displayed on the color screen while locating. This information allows for a user to more easily determine if they are locating the correct target utility or the wrong utility. This feature is used primarily for high value utilities in congested areas, i.e., running through crowded corridors, etc. SIS can be used in low and medium frequencies making the vLoc-5000 one of the most accurate line locators ever developed.



When the (+) Plus is indicated, the user can be sure that they are locating the target utility.



When the Signal Select (SIS) displays a (-) Minus or negative, this indicates that the user has lost the initial target locate and is now locating the wrong utility.



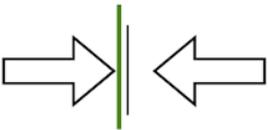
**The vLoc-5000 features Distortion Alert.** The Distortion Alert meter is constantly analyzing the quality of the locating signal and will display a red warning indication when it detects distortion in the electromagnetic field. Distortion is caused by adjacent or crossing utilities. If no color is indicated, then locate signal is good and marking accuracy can be assured.



This feature also provides the line orientation arrow, which indicates direction of the utility. When signal distortion is detected the **circle fills up with red color** indicating that this particular area of the utility locate should be given proper attention to guarantee accuracy. Typically other adjacent utilities can cause distortion.



**The vLoc-5000 features Peak Indication.** Locating accuracy is guaranteed with the bar graph and numerical peak signal strength indication. The unique multi-color indication makes locating the exact peak a quick and easy task.



**The vLoc-5000 features Left/Right Guidance.** Left / Right indication is displayed with a **green centerline** indication. This feature aides with line locating accuracy. When the centerline matches the peak indication, the user is exactly above the utility. Using both peak and centerline indication guarantee user accuracy.

Note: If centerline appears inaccurate, and distortion is indicated (**RED COLOR**), then only the peak indication should be trusted.

The combination of these tools help technicians and engineers maintain accurate locates, even under the most difficult conditions.

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