QUICK-START GUIDE

ULTRASONIC LEAK DETECTOR

The Ultrasonic Leak Detector can find leaks in pressurized systems like compressed air systems, and refrigeration and air conditioning systems. When used with the ultrasonic transmitter, it can locate leaks in low- or unpressurized systems such as door and window seals in a home.

Using the detector:

1. Plug the headphones into the left side and turn the thumb wheel to "on."
2. Use the wheel to turn up the "fine" sensitivity setting.
3. Set the detector to the highest "coarse" sensitivity setting (100x), point it toward the suspected leak and move the detector in that direction. Fittings or unions are good places to start.
4. As you near the leak, and the LED display reaches a maximum level of 10, reduce the fine sensitivity by turning the thumb wheel down, or changing to a lower coarse sensitivity setting (10x). By progressively reducing the detector's sensitivity, you'll be more likely to find the true source of the leak rather than weaker sound reflections.
5. Continue moving toward the leak and reducing the sensitivity levels until you've identified the source of the leak.

Using the transmitter:

1. Switch the transmitter to "on."
2. The light will come on, indicating it is emitting ultrasonic sound.
3. Place the transmitter behind the door or window or inside the enclosure to be tested.
4. Use the detector on the other side to find leaks.

Tips:

- Mark detected leaks with masking tape and write on the tape the strength of the signal detected. This will help you determine the relative severity of leaks, and can be used to identify areas to monitor in the future.
- Use the parabola attachment on the detector to find leaks in areas with high levels of background noise.
- Use the adapter and black tube extension on the detector to find leaks in areas that are too high, too tight or too hot.

Condensed from operating instructions for Amprobe® Ultrasonic Leak Detector Model ULD-300