

CTRL UL101 Leak Detector

Get rid of your soap & bubbles.
Find leaks fast with the industrial grade UL101



FIND LEAKS FAST

The CTRL UL101 quickly locates compressed air leaks, gas leaks, and vacuum leaks. Save time and energy.

EASY TO USE

The CTRL UL101 is extremely easy to operate. Simply aim the leak detector in the direction of the piping and adjust the sensitivity to pinpoint.

MORE SENSITIVE

The CTRL UL101 has the best signal-to-noise ratio and highest sensitivity in the market. Find all turbulent flow leaks.

Applications

leak detection valves

pressure leaks vacuum leaks

electrical arcing transformers

gas leaks **hvac leaks** steam traps

compressed air leaks for energy savings

Leak Detection

UL101 Leak Detector Specifications

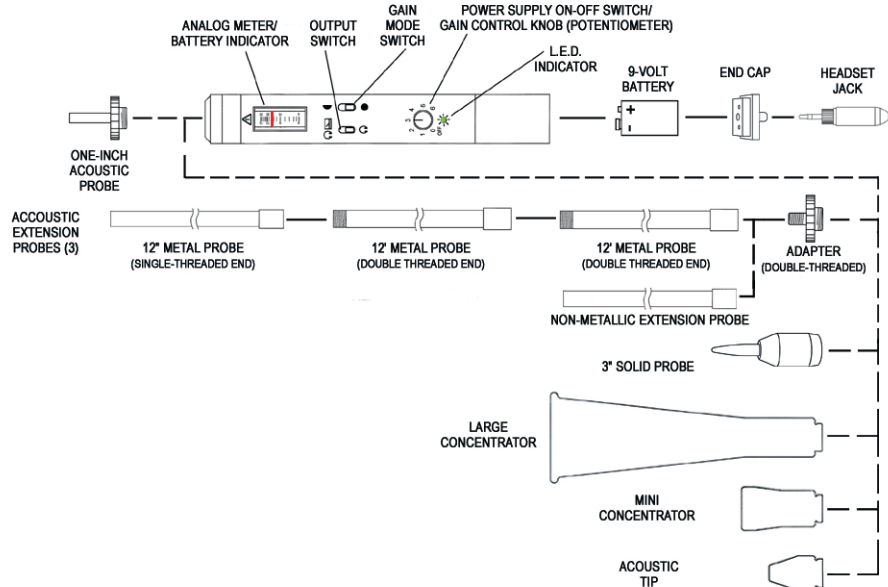
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| Receiver Dimensions | 8.75" x 1.26" x 1.26" (222 x 32 x 32 mm) |
| Receiver Weight | 11.6 oz (330 g) |
| Kit Shipping Dimensions | 17" x 8" x 14" (43 x 20 x 35 cm) |
| Kit Shipping Weight | 9 lbs (4 kg) |
| Housing | Extruded Aluminum, wall thickness .09" (2.3 mm) |
| Battery | 9-Volt Alkaline (> 45 continuous hours use) |
| Distance of Reception | Up to 150 feet (45 m) |
| Sensitivity Threshold | Minimum Intensity: 10^{-12} W/m ² (0 dB SPL) Minimum Ultrasonic Pressure: 2.0×10^{-5} PA @ 40 kHz |
| Frequency Bandwidth | 1.8 - 2.2 kHz @ level 0.7 (or -3 dB SPL) |
| Working Resonance Frequency | 40 kHz +/- 1.5 kHz |
| Operating Temperature Range | -4° to +130° F (-20° to +54° C) |
| Headset | Industrial Grade/600-Ohm Impedance 21-24 dB External Noise Attenuation Over or Behind-the-Head (for use with hardhat) |
| Warranty | 5-year parts & labor on all manufacturer's defects No calibration required Requalification of performance (once per year) |

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| Intrinsically Safe (optional upgrade) | ANSI /UL 91 3-88, for DIVISION 1 , CLASS I , Groups A, B, C and D, CLASS II , Groups E, F, G and CLASS III It also complies with DIVISION 2, CLASS I, Groups A, B, C and D, CLASS II, Groups F, G, and CLASS III |
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The **CTRL UL101 Leak Detector** includes attachments for airborne ultrasound applications including leak detection (any type of gas), vacuum leak detection, electrical inspection, and steam leak detection. Additionally, the kit includes a single 3-inch solid probe for diagnosing steam traps and valves by detecting internal by-pass leaks.

Features include:

- Fixed Frequency
- High Sensitivity to all turbulent flow air, gas, or vacuum leaks
- Easily adjustable sensitivity and gain
- Lightweight, one-handed operation
- Conversion ultrasound to easily recognizable audible sounds



Not Pictured: Carrying Case, David Clark Headset, Operator's Manual, Training CD