

# Goldak's New 777-MAX... Experience 3X the Sensitivity



Higher Sensitivity  
with Additional  
Settings



## *More Capable of Locating Smaller and Deeper Leaks than Previous Models!*

Now, with a re-vamped circuit, the already popular Goldak Model 777 has become even more of a must-have for anyone serious about slab leak detection. New, updated technology has enabled Goldak engineers to create a "Maximum" sensitivity mode that is more than 3X more sensitive than the traditional standard mode. With the new 777-MAX, users will be able to pinpoint water leaks with more success and accuracy than ever before.

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## *Now More Versatile With Low-Noise and Maximum Sensitivity Settings*

Along with the increased sensitivity, the Goldak 777-MAX now features two new user modes, created to enhance any leak detectors ability to pinpoint water leaks successfully. With the "Standard", low-noise setting, the user will experience superior sound quality, allowing for easier differentiation of "true" leak sounds versus false readings that often plague even experienced technicians, while the "Maximum" setting will now give the user the capability of locating smaller and deeper leaks than ever before, and all at the users fingertips with just the flip of a switch.

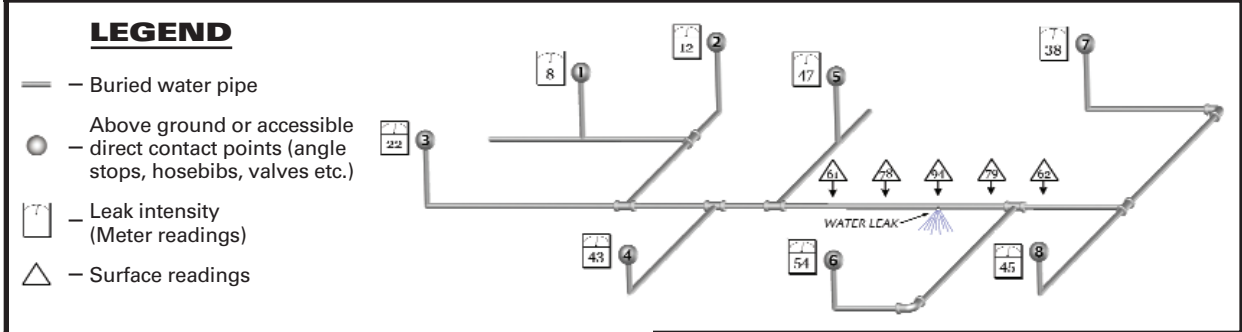
### **OUTSTANDING FEATURES**

- Aluminum instrument housing contains circuitry, controls and meter. Weight: 2.5 lbs  
Dimensions: 3" x 6" x 10", Batteries: 6 "AA"
- Ultra sensitive microphone to detect a wide range of water leak sounds
- Large sensitive meter to display leak "sounds" and indicate battery condition
- Wide-range controls to adjust amplifier gain, meter sensitivity and filter frequency (filter range: 20 Hz - 500 Hz on "Lo", 20 Hz - 3.5 KHz on "Hi")

# 777 MAX LEAK DETECTOR SPECIFICATIONS

The Model 777 MAX leak detector is a light, durable, sensitive instrument which will quickly provide accurate leak locations and eliminate false indications and "dry" holes. In the design of the Model 777 MAX careful consideration has been given to the sounds, frequencies, and critical characteristics of underground water leaks. The frequency filter control on the instrument control panel enables the operator to properly match the instrument to the specific frequency of the water leak being detected. By designing a sensitive audio circuit the sounds of the water leak are accurately reconstructed to further assist the operator in quickly pinpointing sub-surface water leaks.

## LEAK DETECTION PROCEDURE EXAMPLE



### LEGEND

- Buried water pipe
- Above ground or accessible direct contact points (angle stops, hosebibs, valves etc.)
- Leak intensity (Meter readings)
- △ Surface readings

1. Start by taking direct contact readings at all available fittings. Observe the meter and listen for leak sounds in the headphones.
2. Work toward maximum readings. For example, the direct contact reading at point 3 shows a leak intensity of 22 on the meter. Point 4 indicates 43, suggesting that point 4 is closer to the leak.
3. From the direct contact readings it can be concluded that the leak lies somewhere between point 5 (meter reading 47) and point 6 (meter reading 54).
4. To pinpoint the leak it is necessary to take a series of surface readings. For more accurate results the surface reading points should be directly over the leaking pipe. It is recommended that the pipe be traced and marked using either the Model 5600-SI or the Model 4400 pipe locator. The surface readings can be taken with the microphone placed directly on the surface or with the microphone bell accessory attached. Again, work along the pipe toward maximum readings.
5. The peak meter reading and the highest leak sound will occur directly over the water leak regardless of where the water might be showing on the surface.

### DIMENSIONS

L 6" x H 10" x W 3"

### OPERATING WEIGHT

2.5 lbs.

### SHIPPING WEIGHT

16 lbs.

### FREQUENCY FILTER RANGE

20 Hz - 500 Hz on "Lo"

20 Hz - 3.5 KHz on "Hi"

### BATTERIES

6 "AA" Alkaline Batteries

### STANDARD ACCESSORIES

- Stereo Headphones
- Ultra Sensitive Microphone
- Mic Probe
- Bell Housing
- Carrying Case
- Operating Manual

### WARRANTY

One year on manufacturing defects and workmanship



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