

SAFETY FIRST

- Always wear Personal Protective Equipment like Safety Glasses, Gloves, and Work Boots.
- Never walk with the Stethoscope Ear Tips in your ears, as these devices greatly amplify all sound and dropping or clanging the Heads could damage your hearing.
- Keep Ear Tips clean by using hygienic sanitary wipes after each use.

NEVER WALK WITH STETHOSCOPE IN YOUR EARS



PRODUCT FEATURES

1. The geophone is widely used and recognized as the most reliable mechanical leak detector available.
2. The instrument performs equally well on hard packed soil, pavement or any solid surface.

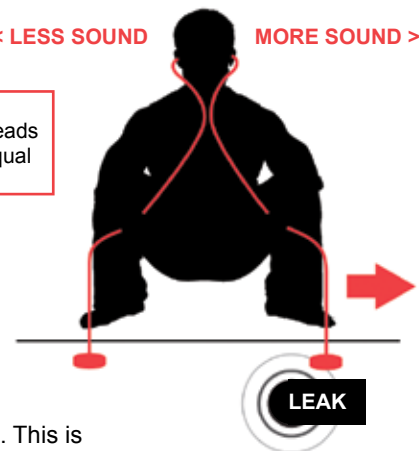


OPERATING INSTRUCTIONS

1. Using drawings or pipe locators, first find the exact location of the watermain.
2. Begin searching in the spot where you most suspect the leak to be. Place the sensing heads on the ground above the main, spaced approximately three feet apart.
3. By moving the heads you will reach a spot where the sound is of the same intensity in both sensing heads and reaches both ears at the same time.
4. You are now directly above the leak site.

< LESS SOUND MORE SOUND >

Move Sensing Heads
until Sound is Equal



NOTE 1: The instrument works best when it is free standing, since the circulation of blood in the hands will set up detectable vibrations.

NOTE 2: Light packed snow or grassy surfaces tend to distort or muffle the leak sounds. In these cases it is suggested that you dig down to solid ground or drive a metal rod into the ground, leaving approximately two inches of the rod above the ground. Place the disc on top of the rod and listen.

NOTE 3: In addition to the rush of water you will sometimes hear an erratic clicking sound. This is caused by rocks and gravel banging against the pipe in the high pressure stream of leaking water, remember that the Geophone is designed and built for detection of vibrations in solid substances - not in gaseous media.

PRODUCT MAINTENANCE

1. Move with care. Dropping or shaking the sensing heads or dragging them along the ground by the tubes will damage the instrument, impeding the sensing head's performance.
2. Keep the tubes attached to the geophone at all times to prevent small particles of dust from penetrating the diaphragms.
3. Always store and transport the geophone in its sturdy wooden case.