



Operation of the ADS Hykron

The ADS Hykron is a simple-to-use leak listening system with high acoustic sensitivity. It is the ideal tool for a water crew's standard tool chest. Leak noise travels through the water and the pipe wall. It can be detected by listening at valves, hydrants, or any available fitting on the pipe. The Hykron detects the leak noise through its high sensitivity sensor. Listening is conducted via the headphones with an extension rod and magnetic attachment.



ADS Hykron Leak Listening System

Connectors

Plug the handheld sensor into the lower right socket of the amplifier. The left-side socket is used to connect the headphones.

Control Buttons

Button	Function
	<p>Press-to-listen</p> <p>When pressed, this button amplifies sounds from the sensor to the headphones. When the button is released the amplifier is turned off.</p>
	<p>Volume</p> <p>This rotary control is turned to increase or decrease the volume of sound from the sensor.</p>

Operation

1. Plug the sensor into the amplifier.
2. Plug the headphones into the amplifier.
3. Attach the extension rods or the magnet to the sensor unit. Position the rod onto the pipe or ground.
4. Press and hold the press-to-listen button.
5. Listen to the sound in the headphones.
6. Release the press-to-listen button.
7. Move the sensor to the next listening location and repeat the listening process.

After use, remove the rods and magnet from the sensor and disconnect the sensor from the amplifier. Disconnect the headphones. Clean the equipment as required and return all the components to the carrying case.

Battery

The amplifier is powered by a non-rechargeable alkaline 9V cell. This can be easily replaced by removing the cover at the top of the back of the amplifier. A new battery will give approximately 60 hours continuous use.

