



GEOPHONE

SOUND AMPLIFICATION

This system is sensitive to ground vibration, amplifying the sound of the pig cups striking weld joints and scraping along in the pipeline.

For best results, use two or more units along the pipeline; leap one unit in front of the next as the pig passes. This will allow you to have full time surveillance of pig passage.

The ground probe & Cable

The GeoPhone ground probe should be pushed into the ground directly over the pipeline if possible. Usual pipeline ground cover of 3 ft. is fine. You should be able to hear an approaching pig for up to 5 miles (this might depend on soil conditions).

You may also attach the ground probe directly to an exposed pipe location. This will enhance the distance at which you are able to hear the pig approaching. Be sure to fit the tip of the probe against the pipe or pull the probe to the line; 2 inch wide duct-tape works very well.

The amplifier unit

Plug both the headset and the ground probe into the amplifier and adjust to your own

comfort. Be sure to turn the volume down as the pig approaches because the sound will grow stronger as the pig gets closer to your location.

The power indicator light

The power indicator light on the unit will turn green when the batteries are good. As the batteries get weaker the light will dim. When the indicator turns red, replace the batteries as soon as possible (you have a couple hours of operation left).

The headset

This is a high quality audio unit and requires cleaning from time to time.

