



The GeoEAR

*Hear pigs in pipelines over great distances
Rugged field ready design
Built-In 4" waterproof speaker
Heavy-Duty Waterproof Enclosure
GeoMute squelching circuitry
Headphones and geophone supplied
Fast, easy and economical to use*

The CDI GeoEAR allows an operator to hear extremely faint sounds at great distances. This ability is useful in many different fields, but is especially useful in the oil and gas pipeline industries. For instance, the GeoEAR can amplify the sound of an approaching pipeline pig's cups striking the welds of a pipe to an easily discernible

level, and under normal circumstances a pig can be heard approaching for several miles.

As a system, the GeoEAR consists of a geophone probe which is stuck into the ground in close proximity to the pipeline, the GeoEAR electronic unit itself, and the headphones. All of these components fit conveniently into the GeoEAR's tough, waterproof carrying case. Using the system is a simple process of opening the unit, removing the geophone probe, inserting it into the soil near the pipeline and plugging it into the GeoEAR. If headphones are being used instead of the built-in speaker, the operator plugs them in and adjusts the volume to his liking. Simple!

One of the strong advantages of the GeoEAR is that it has a unique and useful feature that we call GeoMute. GeoMute momentarily squelches output to the headphones and built-in speaker if the geophone is jarred or moved suddenly. With GeoMute, an operator can use the GeoEAR without concern that painfully loud sounds will be produced by the system for any reason.

Another convenient feature of the GeoEAR is its self-contained 4 inch speaker. When it is activated, the speaker can allow a group to listen to sounds, or can give the operator added "hands-free" mobility. The speaker is also useful in situations where operators are waiting in a vehicle for long periods of time and don't wish to wear the headphones.

The GeoEAR is a fast, easy and economical way to perform simple pipeline pig tracking. For more information about the GeoEAR, contact CDI directly at our address or telephone numbers listed on [home page](#), or send email to CDI through sales@pigging.com.