

SNIFFER[®] I.D.[™]

SIGNAL GENERATOR

FOR USE WITH THESE PRODUCTS:

GeoSNIFFER[™]

*GPS Leakage Detection
and Mapping*



*Precision Hand-Held
Leakage Detection*

SNIFFER[®]
Lite

*Leakage Detection for
WindowLite PLUS*

SNIFFER[®] II *Leakage Detection*
SNIFFER[®] III



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An Employee Owned Corporation

We set the standards.

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ComSonics' Sniffer I.D. is a phase-locked loop synthesized FSK generator designed to tag video channels with a detectable sub-audible tone. This tone does not interfere with cable channel performance but can be detected by a WindowLiteTM PLUS fitted with the new SnifferLiteTM module or by most signal leakage detecting instruments produced by ComSonics.

When programmed accordingly, a WindowLite PLUS with the SnifferLite module, or the new Sniffer Sleuth leakage detector, or a Sniffer III or a Sniffer II with the "ID" modification, generates an audio signal only when a leak "imprinted" with the desired I.D. tone is detected. Others are ignored.

The SnifferLite or Sleuth can also be used in conjunction with the vehicle-mounted GeoSniffer to not only detect, but electronically map these leaks and record them. Using Sniffer I.D. allows the GeoSniffer to display, if desired, only those leaks bearing the unique operator I.D.

The Sniffer I.D.TM is intended to be mounted into a standard 19" headend rack along with the channel signal modulators. The Sniffer I.D. encoding is applied to the phase lock reference input of the modulator to be tagged. A screw adjustor allows the user to ensure that the signal is within the desired operating range of the phase lock module.



Do not set the output of the Sniffer I.D. above +10 dBmV.



To install the Sniffer I.D., mount the unit as close to the modulator with which the Sniffer I.D. operation is intended. Power the Sniffer I.D. and use a signal level meter to ensure that the carrier is within the operating range of the phase lock module. The screw adjustor on the Sniffer I.D.'s front panel can be used for this adjustment. Remove power from the Sniffer I.D. Using a standard 75Ω coax cable (F connector), connect the Sniffer I.D.'s single connector to the phase lock reference input of the modulator, then turn the power ON. The Sniffer I.D. is now in operation.

Vendors of phase-locked modulators provide indication of successful lock differently, usually with a lamp that reacts in differing ways. Some lamps are illuminated when locked; others are extinguished. In either case, a flickering indicator may be normal for operation with the Sniffer I.D.

The user's guides for SnifferLite, GeoSniffer, and Sniffer Sleuth, all of which operate in conjunction with this products, have information on using the Sniffer I.D.'s tones; consult specific guides for details. An addendum is provided for modified Sniffer II and Sniffer III devices.

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