

SPECIFICATIONS

Connectors:

Phone Line: RJ-11
Audio: 3.5 mm Phone Jack

Impedance:

Phone Line: 20,000 ohms
Audio: 1,000 ohms

Phone Line Isolation:
500V

Dimensions:

Length: 67.3mm, 2.65in.
Width: 67.3mm, 2.65in.
Height: 27.95mm, 1.1in.

Included Accessories:

1 ea Phone Line Cable, 6'
1 ea Audio cable, 3.5mm plug to
3.5mm plug, 6'

WARRANTY

The PLI is warranted for 90 days for defects in materials and workmanship to the original purchaser. Warranty excludes abuse, physical damages, modifications, exposure to voltages in excess of specifications, lightning, and misuse. The PLI is not warranted to perform with other equipment. The product is not considered defective if it performs to the published specifications. The user is solely responsible to ensure the product is suitable for the intended applications. AALogic is not responsible for any damages resulting from the use or misuse of the product. Unopened products maybe returned for a refund of the purchase price, less a 15% restocking fee, within 30 days of purchase. Opened items may not be returned for refund. No other warranty, express or implied, applies.

For warranty claims, return the product, insured and pre-paid, to the address on the back of this guide. Include an explanation describing the problem.

Phone Line Interface

by **AALogic**

*Unique Products for the
Electronics Industry*



User's Guide

Version 2.0



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PHONE LINE INTERFACE

OVERVIEW

The AALogic Phone Line Interface (PLI) provides a passive audio interface between a phone line connected to the RJ11 connector and the 3.5mm audio jack. The phone line connection can be made to a telephone line or other device with an RJ11 connector. The audio jack is an interface suitable for connection to recording device, such as a PC, or audio amplifier.

The PLI was designed to allow recording of modem audio from Plain Old Telephone Service (POTS) lines. The audio can then be used to analyze data communications problems. The audio can also be played back into an Analog Data Monitor (ADMpc or ADM2400) to see the communications data information. You can obtain detailed information on the AALogic data monitors at www.AALogic.com.

The PLI can be used to record any audio from a phone line subject to the frequency response limitations of the PLI.

The PLI requires no power from the phone line or other external sources. This means the PLI can be used in a wide range of line conditions including those where no DC voltage is present.

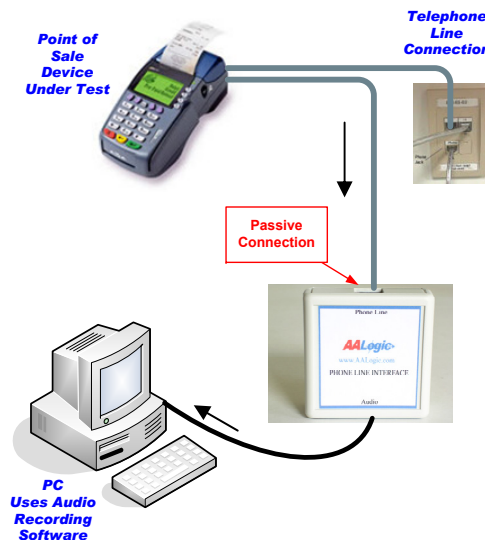
PLI CABLES

The PLI includes a standard phone line cable with RJ11 connectors on each end for the phone line and an audio cable with 3.5mm plugs on each end for the audio.



RECORDING

Connect either end of the provided cables to the PLI. Connect the other end of the phone cable to the phone line. This may be a wall plate, T-adaptor, or a connector on a test device. Connect the other end of the audio cable to a PC or other recording device.



Start the recording equipment and begin monitoring the line. Adjust the audio level on the audio equipment as needed. There are no settings or controls on the PLI.

PLAYBACK – ADM OR MLT

Connect the phone line cord from the PLI to the line jack on the ADM or MLT. The audio cable should be connected to the PLI and the output jack of the playback device. Set the ADM or MLT to capture data then start the playback.

Adjust the volume as needed until you are capturing data correctly. Ensure the MLT or software you are using is set to the correct settings for Sync/Async, speed, and data word format.



You can also playback the audio directly to the phone line by connecting the phone cord to the phone line.