

Specifications:

Signalling Output: Nominal 1.2 Vpp sinewave
8kHz +/-2% modulated 1 lb/s +/-2%

Conversion: Off-hook, DTMF

Loop Limit: 1230 ohm loop or 24dB attenuation 8kHz

Line Current: Limited to 38 mA maximum

Test set current: Limited to 20mA nominal

Ordering Information:

5001-00 Adapter Only
(Includes Connector cord to test set)

5001-78 Adapter with 5 foot ABON cord

5001-79 Adapter with 5 foot ABON cord + modular "K-PLUG"

ALGO



5001

P-Phone Adapter

User Guide

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About the 5001 P-Phone Adapter

The 5001 Adapter is line powered and enables the use of most analog test sets on digital centrex lines (also known as EBS, MBS, or P-Phone). When the adapter is set to POTS (Plain Old Telephone Service) the device is bypassed by the switch and metallic connection is provided to the telephone line. The adapter has no effect in POTS mode. When the adapter is set to P-PHONE, a constant loop current is maintained with the CO regardless of hook status and digital messaging is transmitted in response to dialing or change in hook status.

The adapter is in POTS mode when the switch toggle is towards the line cord, and in P-PHONE mode when the toggle is towards the test set.

Going Off-Hook (TALK)

Connect to the CO line, ensure the adapter is set to P-PHONE, and switch the test set to TALK. Alternately, switch the adapter from POTS to P-PHONE while the test set is in TALK mode.

If the [*] key is not pressed on the test set the adapter will send an off-hook command for the primary line after 1.5 seconds. If a [*] is dialed within 1.5 seconds of switching the test set to TALK then the adapter will send an off-hook message for the line corresponding to the digit (0 - 9) following within 2 seconds. If the second digit is not 0-9 then the adapter will go off-hook as prime line as default.

For example, to go off-hook on the prime line, switch the test set to TALK and wait 1.5 seconds for dial tone or switch to TALK and dial [*][0] (0 for prime line). To go off-hook on line 3, switch to TALK and dial [*][3].

Dialing

Dial normally in TONE mode. Because both DTMF and digital messaging are transmitted, double dialing can result once a call is completed which may be troublesome for automated attendant and voice mail systems. Dial a [#] at the end of the telephone number to switch off digital dialing messaging for the remainder of the call if DTMF tones will be sent after a call is completed.

Hanging Up

With the adapter connected to the CO, switch the test set from TALK to MONITOR. After 1/2 second, the adapter may be removed from the CO.

Ring Detection

Digital centrex service provides an audible warble tone which can be heard over the loud speaker monitor circuit on your test set. Simply follow the instructions for going off-hook to answer a call in response to ring.

Speech Levels

Since the Adapter limits current to the test set to adhere to P-Phone specification, sidetone and speech level may be affected dependent on line impedance and the specific test set. In cases where speech is very low in level, it may be desirable to switch to POTS mode during conversation and back to P-PHONE mode prior to switching to MONITOR.

Replacing /Installing Line Cord

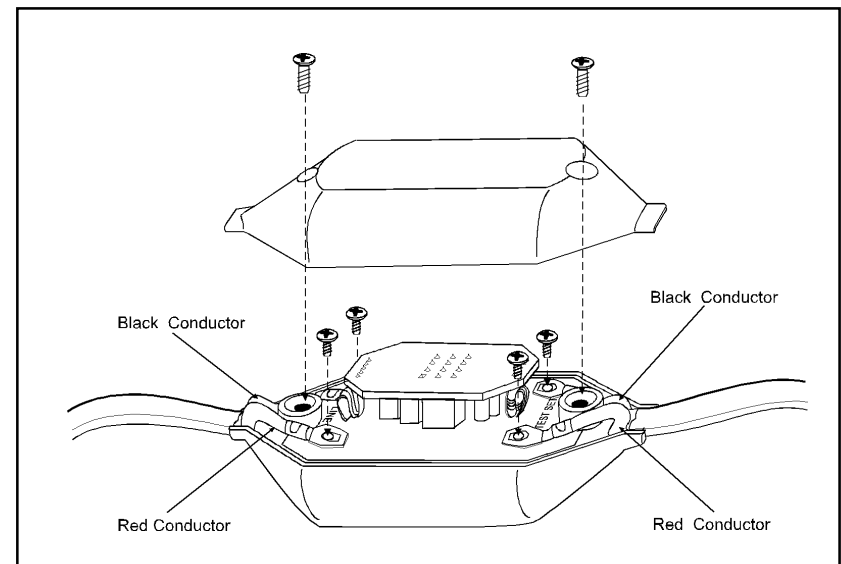


Figure1 - Installation of Line Cord