

Hotwire™ 5038 MVL™ POTS Filter Customer Premises Installation Instructions

Document Number 5038-A2-GN11-10

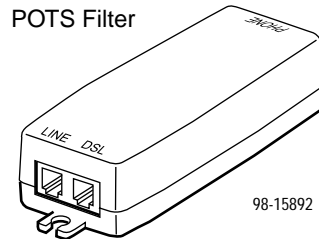
April 1998

Before You Begin

The Hotwire™ 5038 MVL™ (Multiple Virtual Lines) POTS (Plain Old Telephone Service) Filter works with the Hotwire 6310 MVL Modem. Verify that the local loop is connected to the POTS/MVL network.

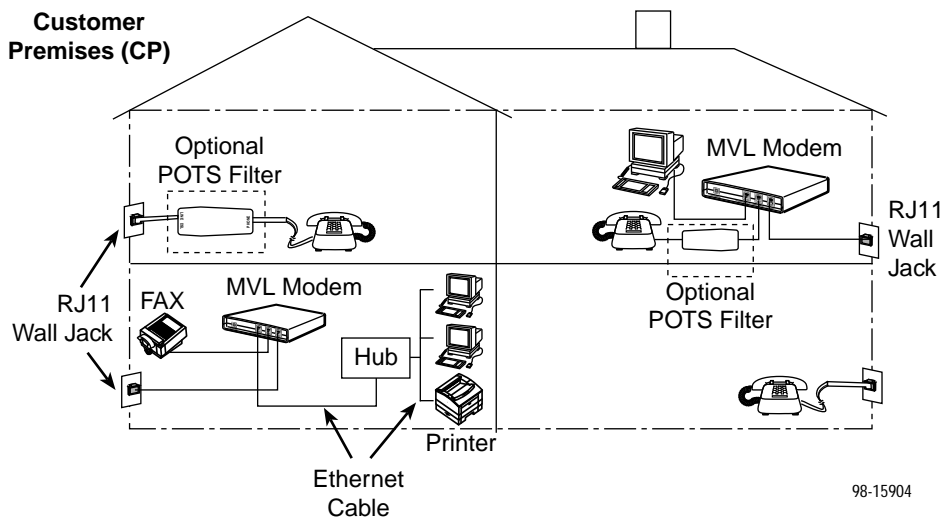
For MVL modem installation information, refer to Document No. 6310-A2-GN10, *Hotwire 6310 MVL Modem Customer Premises Installation Instructions*.

Verify that your package contains a Hotwire 5038 MVL POTS Filter and an interface cable with RJ11 connectors.



What Does the 5038 MVL POTS Filter Do?

The Hotwire 5038 MVL POTS Filter and Hotwire 6310 MVL Modem are components in the Hotwire MVL System. This system provides high-speed Internet or corporate LAN access over traditional twisted-pair copper telephone wiring. With some telephone handsets, an optional POTS filter is used to improve the data transmission throughput and minimize the background noise during a telephone conversation.



NOTES:

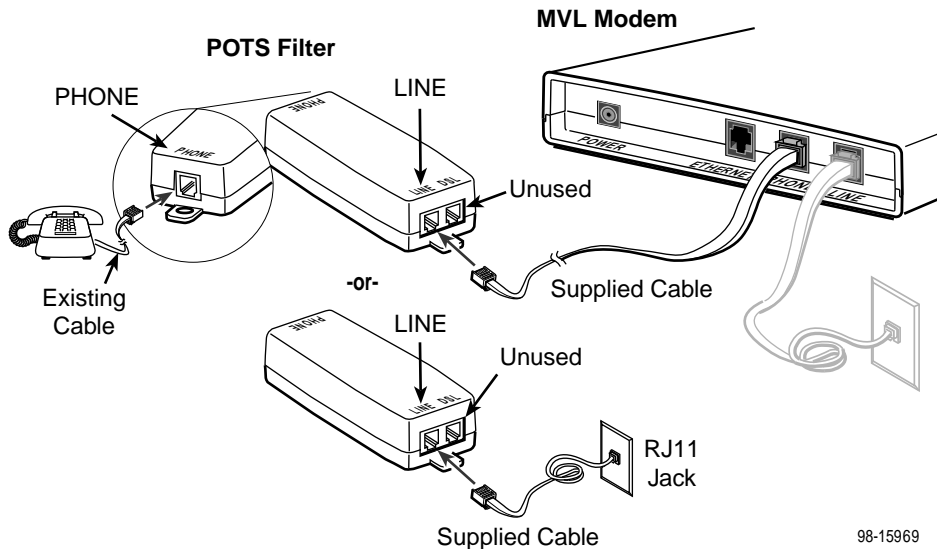
- The MVL modem network performance will depend on the quality and condition of the phone wiring to and inside the customer premises.
- A telephone is used to represent any equipment that plugs into a phone jack and uses the POTS phone line, such as a phone, modem, or fax machine.

Installing the 5038 MVL POTS Filter

► Procedure

To connect a POTS filter to a phone:

1. Unplug the existing telephone interface cable from the RJ11 wall jack.
2. Plug the existing cable into the POTS filter jack labeled PHONE.
3. Plug one end of the supplied cable into the POTS filter jack labeled LINE.
(The LINE and DSL connectors are equal and either connector can be used.)
4. Plug the other end into the RJ11 wall jack, or
Plug the other end into the MVL modem jack labeled PHONE.



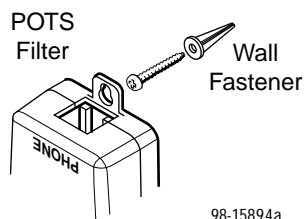
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The POTS filter is designed for tabletop placement. The POTS filter can also be mounted on a wall (optional). To mount a POTS filter on the wall, you will need two #6 screws with plastic anchors for each housing, a drill with 3/16" drill bit for the plastic anchors, and a screwdriver.

► Procedure

To mount the POTS filter:

1. Use a drill to install the plastic anchors.
2. Use a screwdriver to install the screws.
Leave enough clearance for quick removal of the POTS filter housing.



5038 MVL POTS Filter Technical Specifications

Item	Specification*
Height x Width x Depth	1.24" x 1.87" x 4.78" (3.14 cm x 4.75 cm x 12.13 cm)
Weight	3.4 ounces (96.4 grams)
Approvals	Refer to the equipment's label for the FCC Part 68 Registration Number and Safety Certifications.
Physical Environment	
Operating temperature	0° F to 140° F (32° C to 60° C)
Storage temperature	-40° F to 158° F (-40° C to 70° C)
Relative humidity	5% to 95% (noncondensing)
Shock and vibration	Withstands normal shipping and handling
Interface Connectors	Three 6-pin, non-keyed RJ11 modular jacks
* Technical Specifications subject to change without notification.	

Important Safety Instructions

1. Read and follow all warning notices and instructions marked on the product or included in the manual.
2. This product is intended to be connected to Listed/Certified telephone wiring behind a Listed/Certified primary protector. Use the supplied cable.
3. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous high-voltage points or other risks. Refer all servicing to qualified service personnel.
4. When installed in the final configuration, the product must comply with the applicable Safety Standards and regulatory requirements of the country in which it is installed. If necessary, consult with the appropriate regulatory agencies and inspection authorities to ensure compliance.

Notice to Users of the Telephone Network

This equipment complies with Part 68 of the FCC rules. On the bottom of the equipment's enclosure is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.

This equipment is designed to be connected to the telephone network or premises wiring using compatible modular plugs and jacks which are Part 68 compliant. Use the interface cable provided with this product.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.

If the Model 5038 Telephone Line Filter causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with the Telephone Line Filter, for repair or warranty information, please refer to *Warranty, Sales, and Service Information*.

No repairs may be performed by the end user.

The equipment can not be used on public coin phone service provided by the telephone company. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

Warranty, Sales, and Service Information

Contact your local sales representative, service representative, or distributor directly for any help needed. For additional information concerning warranty, sales, service, repair, installation, documentation, training, distributor locations, or Paradyne worldwide office locations, use one of the following methods:

- **Via the Internet:** Visit the Paradyne World Wide Web site at <http://www.paradyne.com>
- **Via Telephone:** Call our automated call system to receive current information via fax or to speak with a company representative.
 - Within the U.S.A., call 1-800-870-2221
 - Outside the U.S.A., call 1-727-530-2340



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