

Dialogic® DM/V160LP Media Board

Quick Install Card for Universal PCI

Dialogic®

Part Number 64-0078-02
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Before You Begin

Protecting the Board from Damage

CAUTION: All computer boards are sensitive to electrostatic discharge ("ESD"). Handle all static-sensitive boards and components at a static-safe work area, and observe anti-static precautions at all times.

If you are not familiar with ESD safety precautions, visit <http://www.dialogic.com/support/hwinstall> to learn more.

Unpacking the Board

Unpack the Dialogic® DM/V160LP Media Board ("board") according to the following steps:

1. Prepare a static-safeguarded work area.
2. Carefully remove the board from the shipping carton and anti-static packaging. Handle the board by the edges and avoid touching the board's components.
3. Lay the board on the static-dissipative work surface.

Note: Place boards in static-shielding bags when carrying boards from station to station.

CAUTION: Do not remove the board from the anti-static packaging until you are ready to install it. Observe proper anti-static precautions at all times.

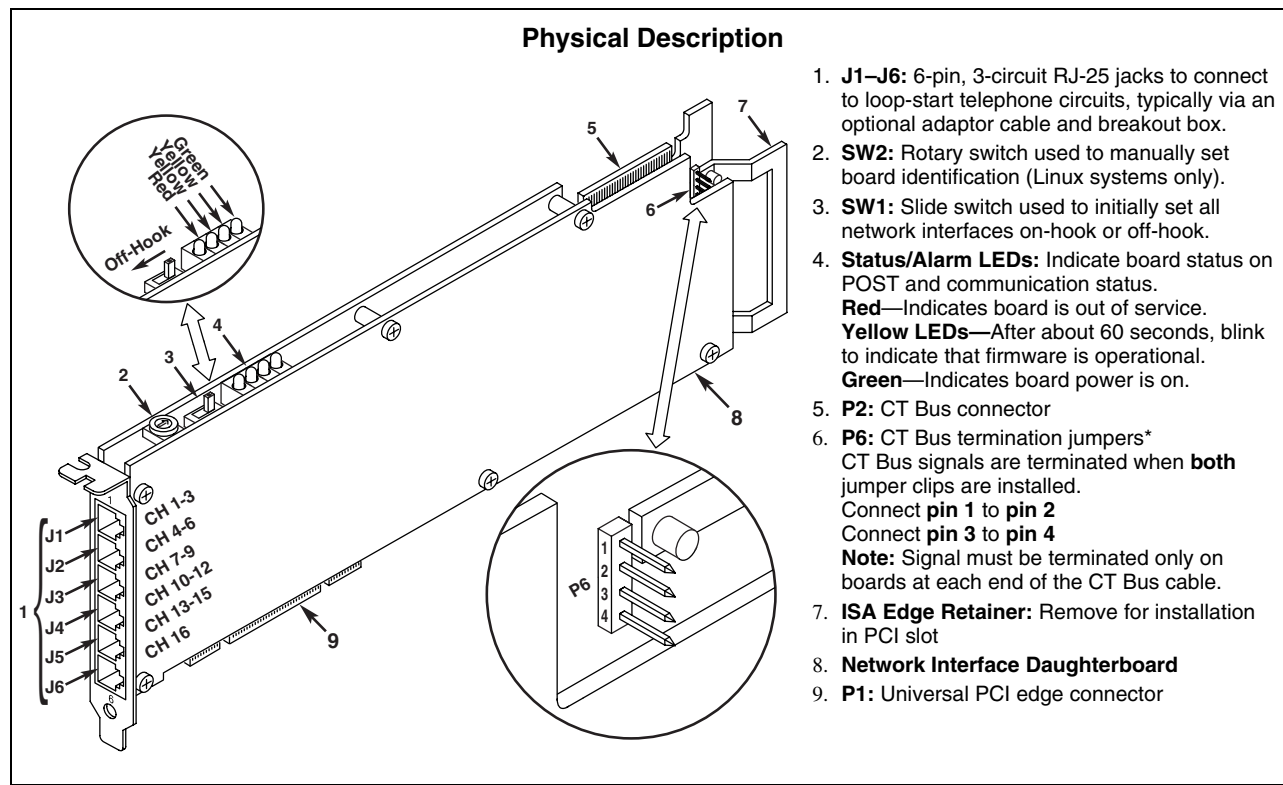
Configuring the Hardware

Initial Hook State

The position of slide switch SW1 determines whether the network interfaces will be initialized in the off-hook or on-hook state. See the "Physical Description" section for the location of SW1.

Board Identification

The device driver, part of the system software, assigns board instance numbers in ascending order (beginning with 0) as it detects each board in your system. A board



instance number is the identification (ID) number used by the system software to recognize the board.

NOTE: If you add or remove a board, the system may change the existing board instance numbers.

Windows Systems

Leave SW2 set to the factory default of ID 0 to let the system automatically assign board instance numbers by PCI bus slot number. After the hardware and the system software are installed, refer to the Dialogic® Configuration Manager (DCM) utility to retrieve the assigned board instance ID number(s). For more information about board identification, see the DCM online help.

Linux Systems

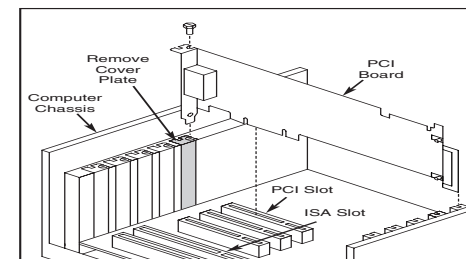
In a Linux system, you **must** set SW2 to a unique number for each installed board. Use a non-magnetic screwdriver to turn SW2 to one of 16 board ID settings, 0-9 or A-F.

After the hardware and the system software are installed, refer to the proper configuration files to retrieve the assigned board instance ID number(s). For more information about Linux configuration files, see the Dialogic® System Software documentation.

Installing the Hardware

1. Working with your computer at a static-safe work area, switch off the power and disconnect all power cords from the electrical outlets.
2. Remove the computer cover.
3. Select an empty PCI expansion bus slot and remove the slot's retaining screw and access cover plate.
4. If you are not installing your board in an ISA form factor PCI slot, remove the ISA edge retainer bracket from the board.
5. Using the slot's board guides, insert the edge connector of the board into the bus slot. Press firmly until the board is securely seated in the slot.

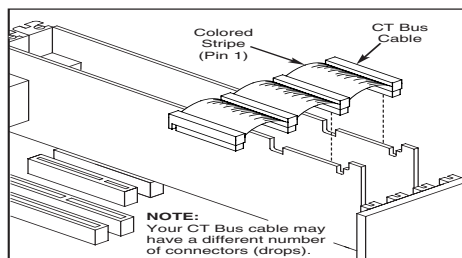
Installing a PCI Board



6. Replace and tighten the retaining screw to secure the board firmly in the chassis slot.
7. Repeat steps 3–6 for each board you are installing.
8. If appropriate, use an optional CT Bus cable to connect the board(s) you are installing to other boards in the system. To preserve the electrical integrity of the CT Bus, use a CT Bus cable with the appropriate number of connectors (“drops”). It is recommended that no more than two connectors at either end of the cable be left unused.

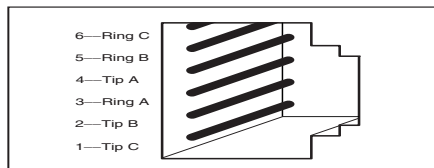
Note: Your system may include both CT Bus and SCbus boards. To connect both board types, you must install a CT Bus/SCbus Adapter on one of the CT Bus boards in the system. See the *CT Bus/SCbus Adapter Quick Install Card* for installation details about the adapter and the bus cables.

Installing the CT Bus Cable



9. Install CT Bus Termination Jumpers only on boards located at each end of the CT Bus cable. (If you are using both CT Bus and SCbus boards, one of the boards that terminates the CT Bus must be the board that has the CT Bus/SCbus adaptor installed on it.) See the “Physical Description” section for details on the CT Bus termination jumpers.
10. Replace the computer cover when finished and reconnect the power cords.
11. If you are not using an RJ-11X adaptor cable and breakout box, connect network lines to RJ-25 bracket connectors J1-J6 according to the following pinout.

RJ-25 Connector Pinout (J1-J6)

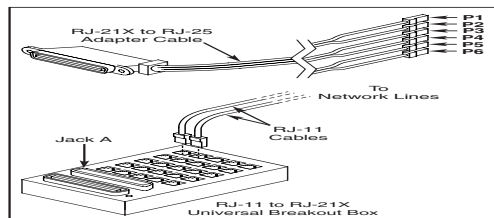


Connecting the Optional RJ-11X Adaptor Cable and Universal Breakout Box

The following optional items are available through your Dialogic sales representative:

- RJ-21X adapter cable: CBL6RJ25TORJ21X
 - Universal breakout box: BOB25POSJ11
1. Connect the RJ-25 connectors on the RJ-21X adapter cable (P1-P6) to the correspondingly numbered RJ-25 jacks on the DM/V160LP board bracket (J1-J6).
 2. Connect the RJ-21X connector on the adapter cable to Jack A on the universal breakout box as shown in the figure.
 3. Connect RJ-11 cables to jacks 1-16 on the universal breakout box (jacks 17 through 25 are not used). Connect the other end of each RJ-11 cable to a network line.

Adapter & Breakout Box Connections



After Installing Hardware

Note: If you are adding hardware to an existing system, you do not need to uninstall existing Dialogic® System Software.

For a new installation, after installing the hardware proceed with the system software installation as described in the Dialogic® System Software documentation.

For technical specifications and product information on Dialogic® telecom products, see the Dialogic website at <http://www.dialogic.com/products.htm>.

Warranty and Return Information

Warranty Period

For specific warranty information for this board, refer to the Warranty section of the Products page, located at this URL: <http://www.dialogic.com/warranties/>.

Contacting Technical Support

Dialogic provides technical support for its products through a network of value added distributors who are trained to answer technical questions on installing and configuring Dialogic® products. If you are unsure how to contact your support channel, please call Dialogic in the United States at 973-967-6600 (9am-5pm EST) and we will assist in obtaining the appropriate support channel.

Outside the United States please refer to <http://www.dialogic.com/support/contact> to obtain local contact information. Dialogic also provides direct support via Dialogic® Pro™ Services agreements. For more details of direct support from Dialogic please refer to: <http://www.dialogic.com/support/DialogicPro>.

Returning a Product

To return a board for warranty repair or any other returns, please refer to the following: <http://www.dialogic.com/support/hwfaults>.

Sales Assistance

If you have a sales question, please contact your local Sales Representative or the Regional Sales Office for your area. Address, telephone and fax numbers, are available at the Dialogic website located at: <http://www.dialogic.com/contact.htm>.

To purchase Dialogic® products, please refer to the following website to locate the appropriate supplier: <http://www.dialogic.com/purchase.htm>.

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