

# Dialogic® DM/V480A-2T1-PCI Media Board

## Quick Install Card

# Dialogic®

Part Number 64-0097-02  
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## Before You Begin

**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.

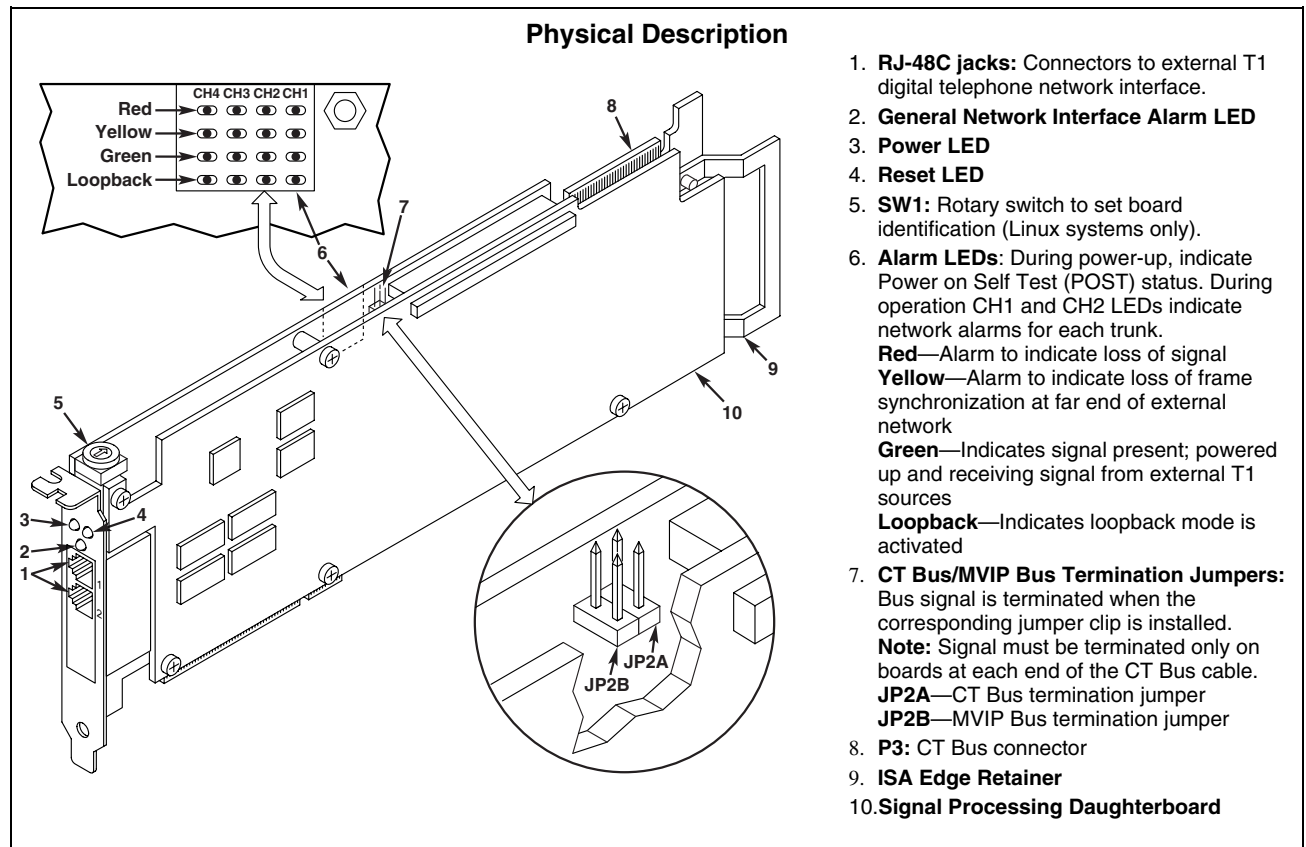
### Unpacking the Board

Unpack the Dialogic® DM/V480A-2T1-PCI 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.



1. **RJ-48C jacks:** Connectors to external T1 digital telephone network interface.
2. **General Network Interface Alarm LED**
3. **Power LED**
4. **Reset LED**
5. **SW1:** Rotary switch to set board identification (Linux systems only).
6. **Alarm LEDs:** During power-up, indicate Power on Self Test (POST) status. During operation CH1 and CH2 LEDs indicate network alarms for each trunk.  
**Red**—Alarm to indicate loss of signal  
**Yellow**—Alarm to indicate loss of frame synchronization at far end of external network  
**Green**—Indicates signal present; powered up and receiving signal from external T1 sources  
**Loopback**—Indicates loopback mode is activated
7. **CT Bus/MVIP Bus Termination Jumpers:** Bus signal is terminated when the corresponding jumper clip is installed.  
**Note:** Signal must be terminated only on boards at each end of the CT Bus cable.  
**JP2A**—CT Bus termination jumper  
**JP2B**—MVIP Bus termination jumper
8. **P3:** CT Bus connector
9. **ISA Edge Retainer**
10. **Signal Processing Daughterboard**

## Configuring the Hardware

### 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, depending upon the PCI bus and slot number where the board is installed or removed.

### Windows Systems

Leave SW1 set to the factory default of 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 SW1 to a unique number for each installed board. Use a non-magnetic screwdriver to turn SW1 to one of 16 board ID settings, 0–9 or A–F.

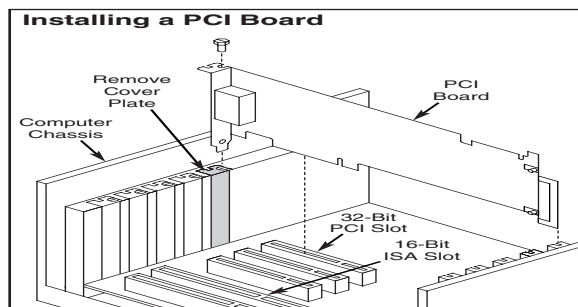
After the hardware and the system software are installed, refer to the proper configuration files to retrieve the assigned board instance ID number(s). For more information about Linux configuration files, see the Dialogic® System Software documentation.

## Installing the Hardware

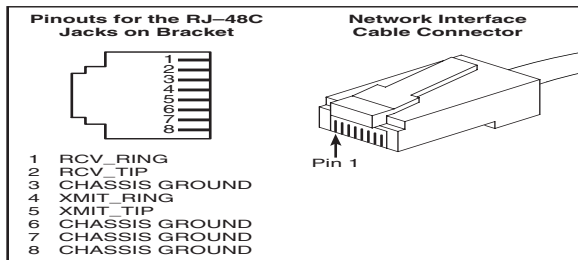
1. With your computer on the static-safe work area, switch off the power and disconnect all power cords from the electrical outlets.
2. Remove the computer cover.
3. Select an empty PCI expansion bus slot and remove the slot's retaining screw and access cover plate (if applicable).
4. If you are not installing your board in an ISA form factor PCI slot, remove the ISA edge retainer from

the board.

- Using the slot's board guides, insert the board's edge connector into the bus slot. Press firmly until the board is securely seated in the slot.



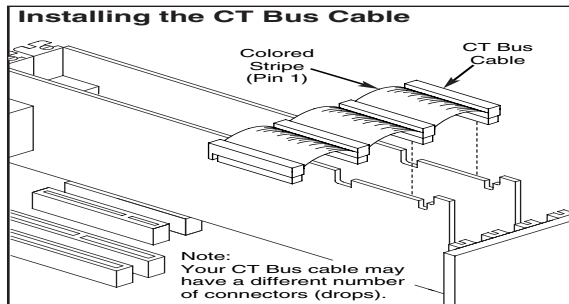
- Replace and tighten the slot's retaining screw to secure the board firmly in the chassis (if applicable).
- Connect external digital telephone cables to the RJ-48C jacks on the board bracket. The topmost RJ-48C jack is for trunk 1 and the second RJ-48C jack is for trunk 2.



- Repeat steps 3-7 for each additional board you are installing.
- Use the 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 a system. See the CT Bus/SCbus Adapter Quick Install Card for installation details about the Adapter and the bus cables.
- Install CT Bus Termination Jumpers only on boards located at each end of the CT Bus cable. See the "Physical Description" section for jumper details.



- Replace the computer's cover when finished and reconnect the power cords.
- Turn the computer's power ON.

**CAUTION:** If your BIOS is set to use Plug and Play technology and there are ISA boards in your system, an IRQ conflict can be created if a PCI board is assigned the same IRQ as an ISA board. This could cause the machine to stop responding. You can prevent this by entering the BIOS and reserving the appropriate IRQs (those used by your ISA boards) for ISA use only.

## After Installing the Hardware

After installing the hardware, run the Dialogic® Configuration Manager (DCM) as described in the installation instructions included with the Dialogic® System Software to configure your system.

For technical specifications and product information go to: <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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