

Dialogic® Station Interface Boards

Quick Install Card for PCI Universal

▪ HDSI	▪ HDSI/960
▪ HDSI/480	▪ HDSI/1200
▪ HDSI/720	

Dialogic®

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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® Station Interface 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.

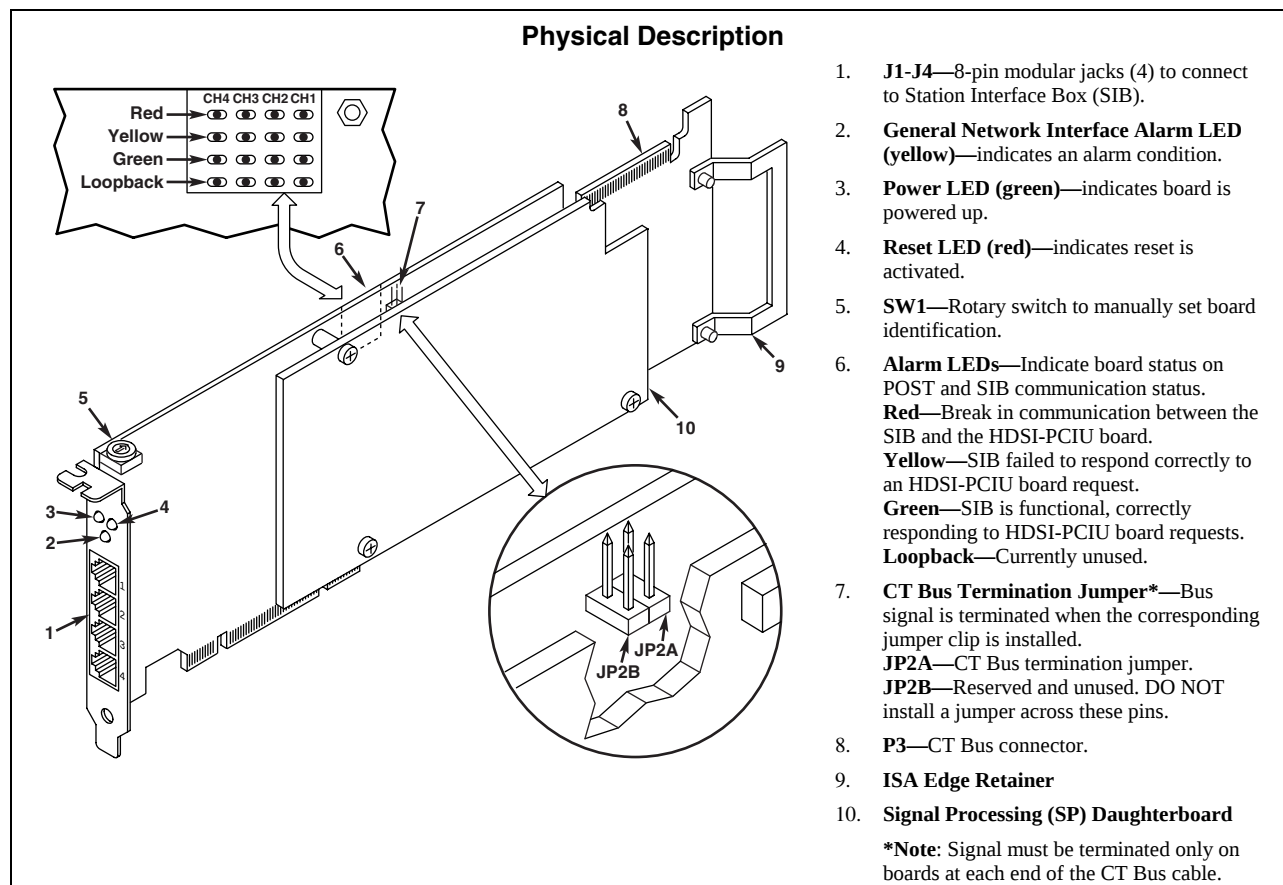
CAUTION: Do not remove the board from the anti-static packaging until you are ready to install it. Observe proper anti-static precautions at all times.

Configuring the Hardware

Board Identification

The DM3 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 (ID) numbers.



Windows System

Leave SW1 set to the factory default of Board 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, refer to the DCM online help.

Linux System

In a Linux system, you **must** set SW1 to a unique number for each installed DM3 board. Use a non-magnetic screwdriver to turn SW1 to 1 of 16 board 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).

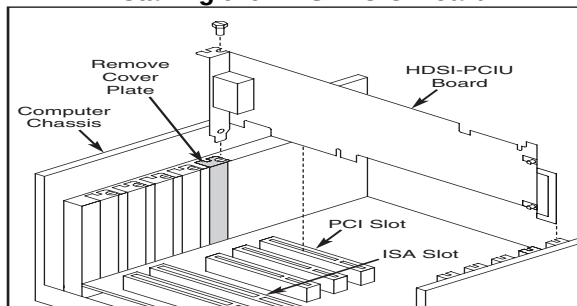
For more information about Linux configuration files, refer to the *Software Installation Reference*.

Installing the Hardware

NOTE: If you are adding DM3 hardware to an existing DM3 system, you do not need to uninstall existing DM3 software.

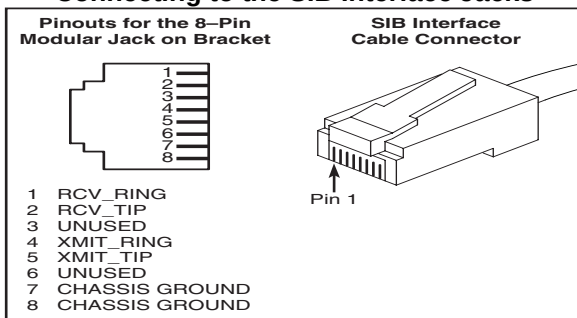
1. Working with your computer at a static-safe work area, switch off the power and disconnect all power cords from the electrical outlets.
2. Remove the computer cover.
3. Select an empty PCI expansion bus slot and remove the slot’s retaining screw and access cover plate.
4. If you are not installing 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 the HDSI-PCIU Board



6. Replace and tighten the retaining screw to secure the board firmly in the chassis slot.
7. Connect the external Station Interface Box cables to the SIB Interface jacks (J1-J4) on the board bracket.

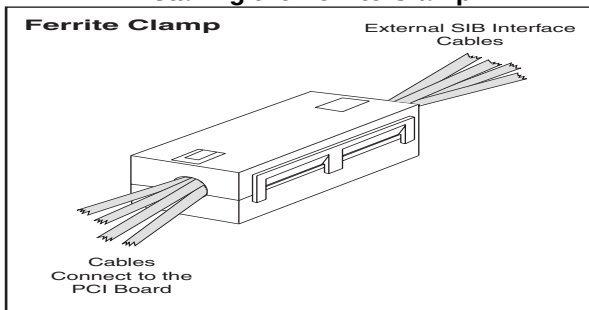
Connecting to the SIB Interface Jacks



8. Install the snap-fit ferrite clamp on all of the external Station Interface Box cables as close as possible to the cables' board connectors.

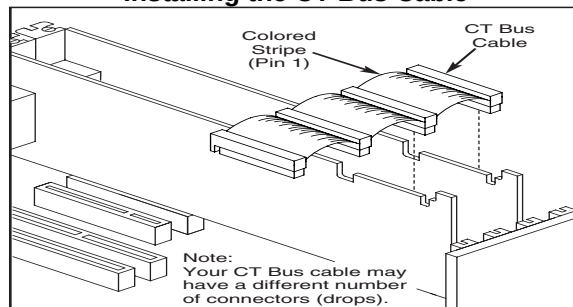
CAUTION: The ferrite clamp **must** be installed in order to meet EMI requirements.

Installing the Ferrite Clamp



9. Use the CT Bus cable to connect the board(s) you are installing to other boards in the system.

Installing the CT Bus Cable



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. Contact your Dialogic Sales Representative to order an Adapter.

10. Install CT Bus Termination Jumpers only on boards located at each end of the CT Bus cable. See *Physical Description* section.
11. Replace the computer cover when finished and reconnect the power cords.
12. Turn the power to the chassis **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 DM3 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 Hardware

After installing the hardware, proceed with the Dialogic® System Software installation as described in the system software documentation (if applicable).

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>. To return a board for warranty repair, please refer to the following: <http://www.dialogic.com/support/hwfaults>. For all other returns, contact your vendor or Dialogic Customer Support (for more information, see <http://www.dialogic.com/support/contact/>).

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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