

Dialogic® Station Interface Boards

Quick Install Card for PCI

- DISI16-R2
- DISI24-R2
- DISI32-R2

Dialogic®

Part number 64-0024-02
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Before You Begin

Protecting the Board from Damage

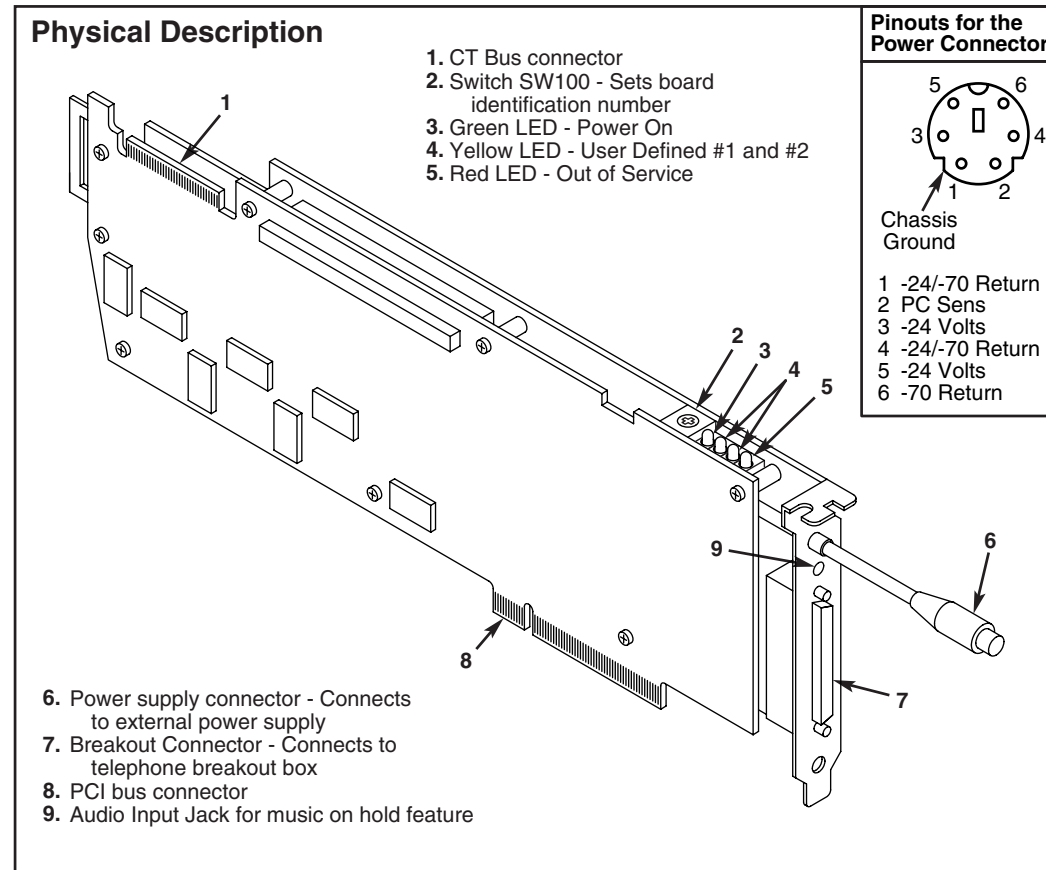
CAUTION: All computer boards are sensitive to electrostatic discharge (“ESD”). Handle all static-sensitive boards and components at a static-safe work area, and observe anti-static precautions at all times. If you are not familiar with ESD safety precautions, visit <http://www.dialogic.com/support/hwinstall> to learn more.

Unpacking the Board

Unpack the Dialogic® 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.

Configure the Hardware

Set the Hardware Switches

The Dialogic® DM3 device driver, part of the system software, assigns board identification (ID) numbers in ascending order (beginning with 0) as it detects each board in the system. The board identification number is used by the system software to recognize the board.

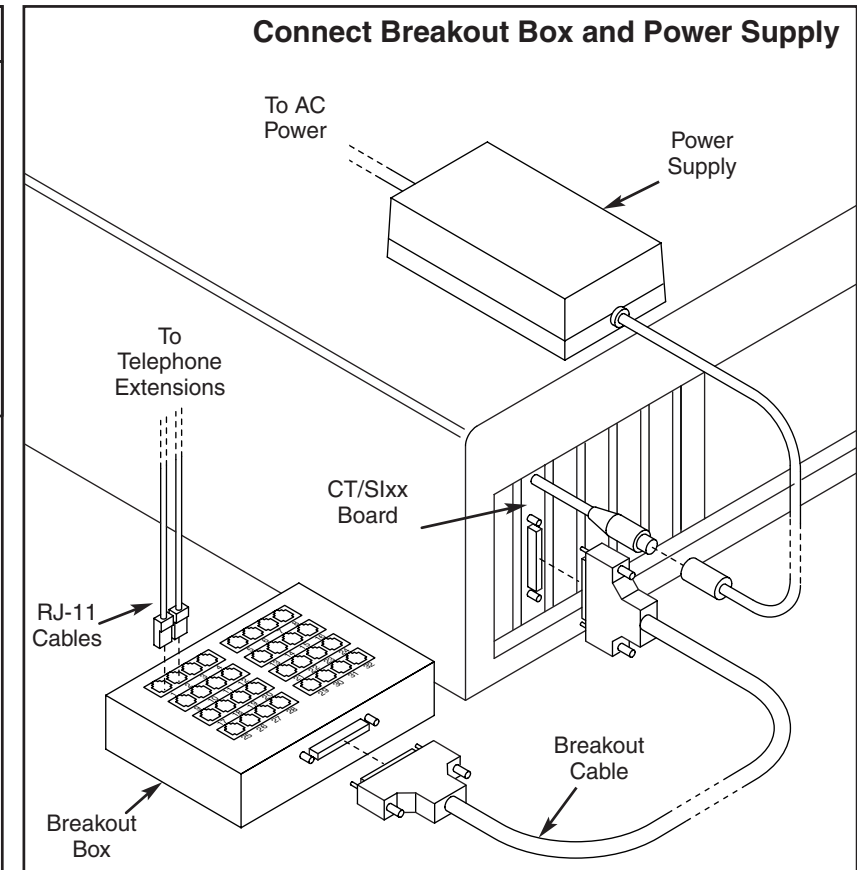
NOTE: If you add a board to the system, the existing board ID numbers may change, depending upon the PCI bus and slot number where the new board is installed.

See the *Dialogic® Configuration Manager (DCM) on-line Help* for more details on board identification.

Install the Hardware

With the computer on the static-safe work area and your static-dissipative wrist strap connected to you and work area, ensure that the power is OFF and disconnect all power cords from the electrical outlets.

1. Remove the cover, select an empty PCI bus slot and remove the slot’s retaining screw and access coverplate.
2. Install the board into the chassis. Press firmly until the board is securely seated in the slot.
3. Replace and tighten the retaining screw to secure the board.
4. Replace the computer cover and reconnect the power cords.



Audio Cable and Ferrite Kit

A ferrite clamp (part number 06-0007-00) is required on the audio cable to reduce RFI emissions from the PCB audio jack and to comply with the EN55022 Class B radio frequency interference limits. Follow these instructions to properly install the ferrite clamp:

1. Loop the cable once around the ferrite clamp, keeping the cable snug and as close as possible to the plug to be installed into the audio jack on the PCB.
2. Snap the ferrite clamp closed onto the cable.
3. Insert the plug into the audio jack.

Telephony Connection Options

The station ports on the boards are accessed using a telephony connection box such as a breakout box or a Telephony Interface Adapter (TIA) unit. Follow the

instructions below for the two possible connection scenarios.

Connect Board to Breakout Box

Part number 882-759-32 identifies the required breakout box and cable kit. Follow one of the two sets of instructions below to connect the breakout box to the board.

Mounting the Breakout Box using screws

1. Open the back of the breakout box by removing two screws.
2. Hold the rear panel against the mounting surface. Insert screws through the screw holes and fasten the panel to the surface.
3. Loosen screws just enough to slide the back panel off the mounting surface and remove the back panel from the mounting surface
4. Insert the front panel into the back panel and reassemble using the two screws.
5. Mount the breakout box on the mounting surface.
6. Connect the breakout box to the board. Refer to the *Connect Breakout Box and Power Supply* figure on side 1.

Mounting the Breakout Box using double-sided tape

1. Apply double-sided tape to the side of the rear panel that touches the mounting surface.
2. Press the tape against the mounting surface.
3. Connect the breakout box to the board. Refer to the *Connect Breakout Box and Power Supply* figure on side 1.

Connect to Power Supply

CAUTION

Do **not** connect the internal telephony power supply connector to the internal power supply.

If you are using either a breakout box or an unpowered TIA, the board must be connected to an external power supply as described below.

The external power module generates -24 volts to power the PCI station interface loop and -70 volts for ringing. One power module is required per baseboard. The power module connects to a pre-wired power cable attached to the board. The power module is the MSI Global Power Module Assembly, part number 882-818-30. See the *Connect Breakout Box and Power Supply* figure on side 1.

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.

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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