

Quick Install Card for cPCI

- DM/V480A-2T1-cPCI
- DM/V600A-2E1-cPCI

Part number
64-0036-02
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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® DM3 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.

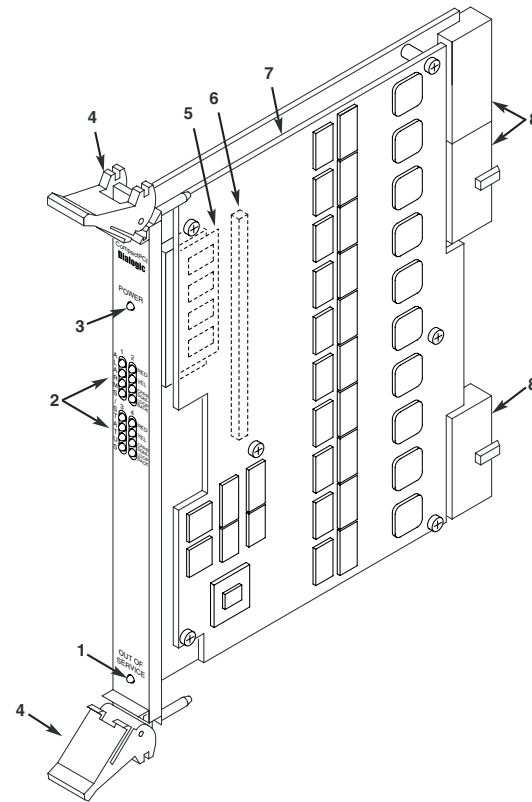
CAUTION: Do not remove the board from the anti-static packaging until you are ready to install it. Observe proper anti-static precautions at all times.

Installing the Hardware

NOTE: Dialogic recommends that you install Dialogic® hardware before Dialogic® software. However, if you are adding DM3 hardware to an existing DM3 system, you do not need to uninstall existing DM3 software.

1. Turn the power to the chassis **OFF** if you do not have a live insertion system. If you do have live insertion capability, the power to the chassis can remain **ON**.

Physical Description



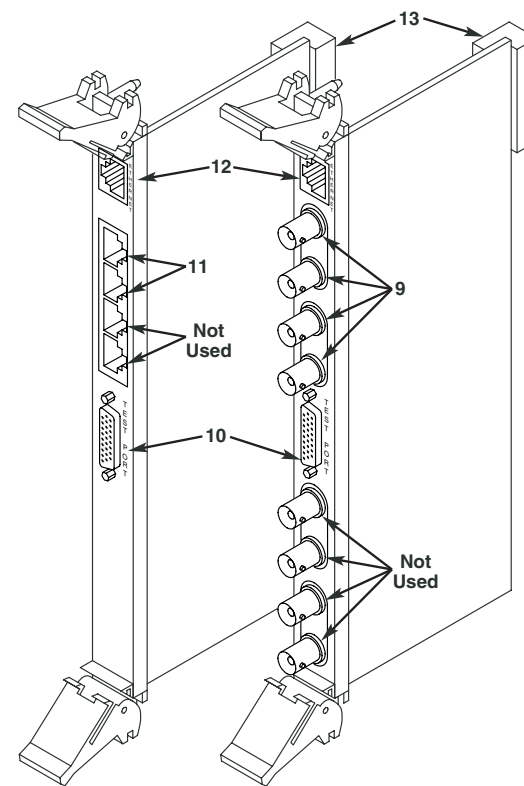
Compact PCI Baseboard

1. **Out of Service LED:** Indicates board is out of service or in reset from host.
2. **POST LEDs (Banks 1, 2, 3, 4):** Indicate Power On Self Test (POST) status during power up.

Alarm Status LEDs (Banks 1, 2 only):

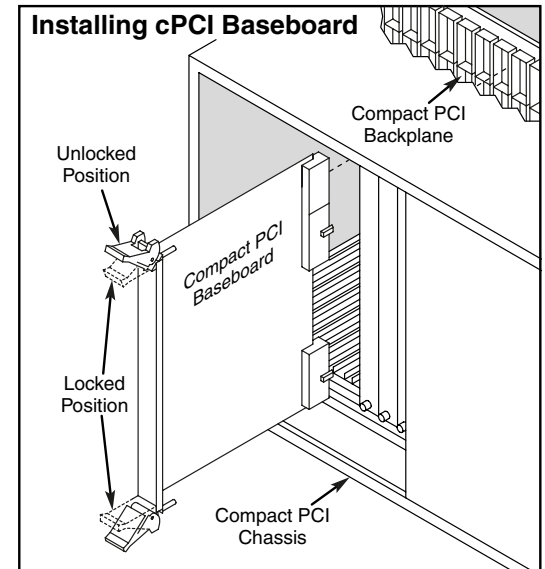
- **Red**-Indicates loss of clock on incoming lines from external networks.
- **Yellow**-Indicates loss of frame synchronization at far end of external networks.
- **Carrier Signal**-Indicates board is powered up and receiving signal from external T-1 or E-1 sources.
- **Loopback**-Indicates the T-1 or E-1 networks are in loopback mode.

3. **Power LED**
4. **Board Extractor**
5. **Global Memory Module**
6. **J5:** Signal Processor Daughterboard connector.
7. **Signal Processor Daughterboard**
8. **P1, P4, P5:** Compact PCI board connector to backplane. P1 key conforms to PICMG keying of cPCI boards and is keyed for a 5V signaling environment.



Rear I/O Modules

9. **BNC Connectors (T1, R1, T2, R2):** Connects to external E-1 (75-Ohm) digital telephone network interface.
10. **P2:** Network Interface test port.
11. **J1, J2:** Connectors to external T-1 or E-1 (120-Ohm) digital telephone network interface.
12. **Ethernet Connectors:** Connects to Ethernet network. The connection to the Ethernet is used only for voice over IP applications. In all other instances, it is not functional.
13. **P5:** Rear I/O module connector to Compact PCI backplane.



5. Replace and tighten the slot's retaining screws to secure the board firmly in the chassis (if applicable).
6. Connect the Rear I/O module to the system by inserting the Rear I/O module connector (P5) into the backplane. Make sure that the tabs on the board extractors engage the guide holes in the chassis card cage, then lock down the board extractors to fully seat the board.

After Installing the Hardware

After installing the Dialogic® hardware, proceed with the software installation as described in the Dialogic® 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>.

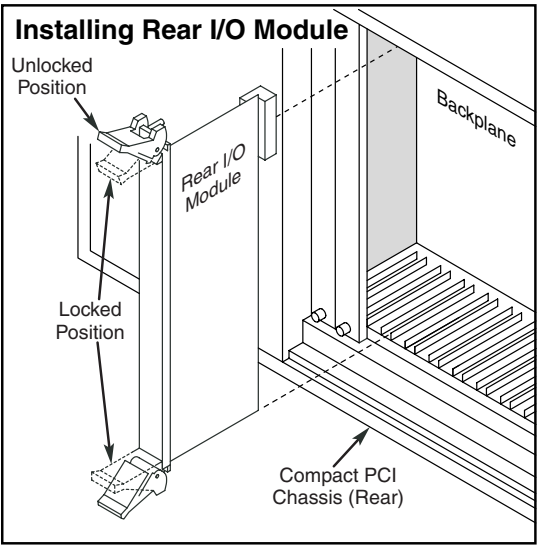
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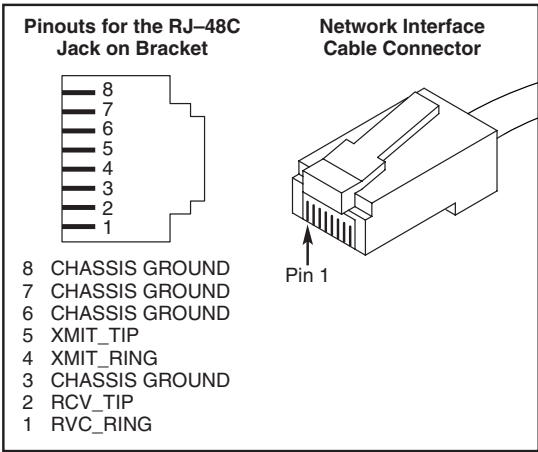
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7. For a T-1 or E-1 (120-Ohm) Rear I/O module, connect the external digital telephone cables to only the top two RJ-48C jacks on the board bracket. The topmost RJ-48C jack is for trunk 1 and the second RJ-48C jack is for trunk 2.



8. For an E-1 (75-Ohm) Rear I/O module, connect the external digital telephone cables to the BNC connectors. The top two BNC connectors (T1 and R1) are for trunk 1 and the bottom two BNC connectors (T2 and R2) are for trunk 2.
9. Select a new slot and repeat steps 3-8 for each board you are installing.
10. If the power to the chassis was turned **OFF** in step 1, turn the power to the chassis **ON**.