

# Dialogic® Station Interface Box SI/240

# Dialogic®

Part Number 64-0022-02  
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## 1. 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

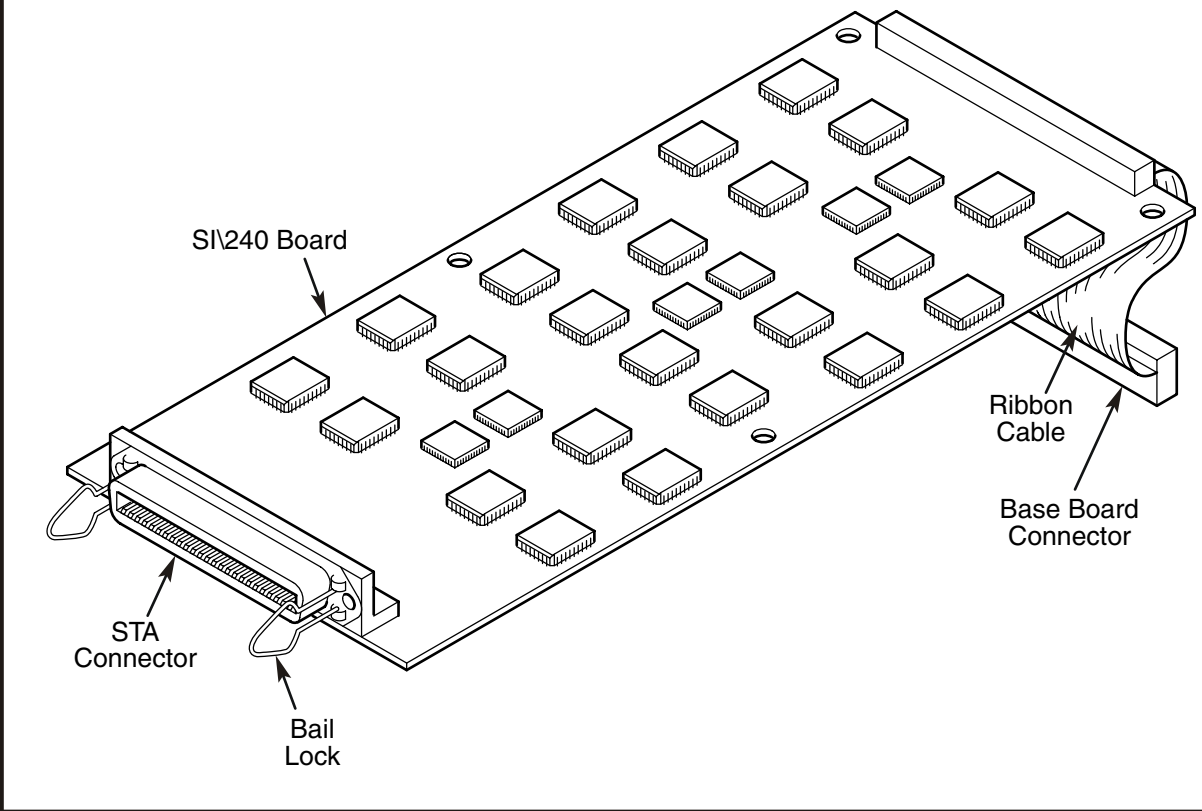
Unpack the Dialogic® Station Interface Box (“SIB”) according to the following steps:

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

**Note:** Place the SIB in static-shielding bags when carrying from station to station.

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

## Physical Description



## 2. Upgrading the Station Interface Box

The Dialogic® Station Interface Box (“SIB”) is a single unit that supports 48 stations in the base model configuration. However, the SIB is a modular unit that is designed to accommodate 72, 96, and 120 stations.

### Configuring the Station Density

To support 72 stations, install one SI/240 board at the location designated **STA 49-72** on the SIB rear panel. To support 96 stations, install two SI/240 boards; one daughter board at the location designated **STA 49-72** and the other daughter board at the location designated **STA 73-96** on the SIB rear panel. To support 120 stations, install three SI/240 boards; the first daughter board at the location designated **STA 49-72**, the second daughter board at the location designated **STA 73-96**, and the last daughter board at the location designated **STA 97-120** on the SIB rear panel.

### SIB Station Density Table

Use the following table to determine the correct location for installing the SI/240 boards in your SIB.

Station Density	STA 49-72 Connector P3	STA 73-96 Connector P4	STA 97-120 Connector P5
48			
72	X		
96	X	X	
120	X	X	X

**Caution!** The SIB will fail to function properly unless you install the SI/240 boards in the correct locations on the SIB base board. The **P3**, **P4**, and **P5** connector designations are silk screened on the base board to help you correctly install the SI/240 boards. (For reference, base board connector **P3** is located nearest the power supply fan.)

## 3. Warnings

**Warning!** These procedures assume familiarity with the general terminology associated with electronic equipment and with the safety practices and regulatory compliance required for using and modifying electronic equipment.

**Warning!** These procedures should be performed only by qualified technical personnel. Unplug the SIB power cord before performing the procedures described here. Failure to disconnect the power before you open the chassis can result in personal injury or equipment damage.

**Warning!** The power supply in the Dialogic® Station Interface Box contains no user-serviceable parts. Refer servicing only to qualified technical personnel.

**Warning!** Ensure that the system is disconnected from its power source and from all telecommunications links, networks, or modem lines whenever the chassis cover is removed. Do not operate the system with the cover removed.

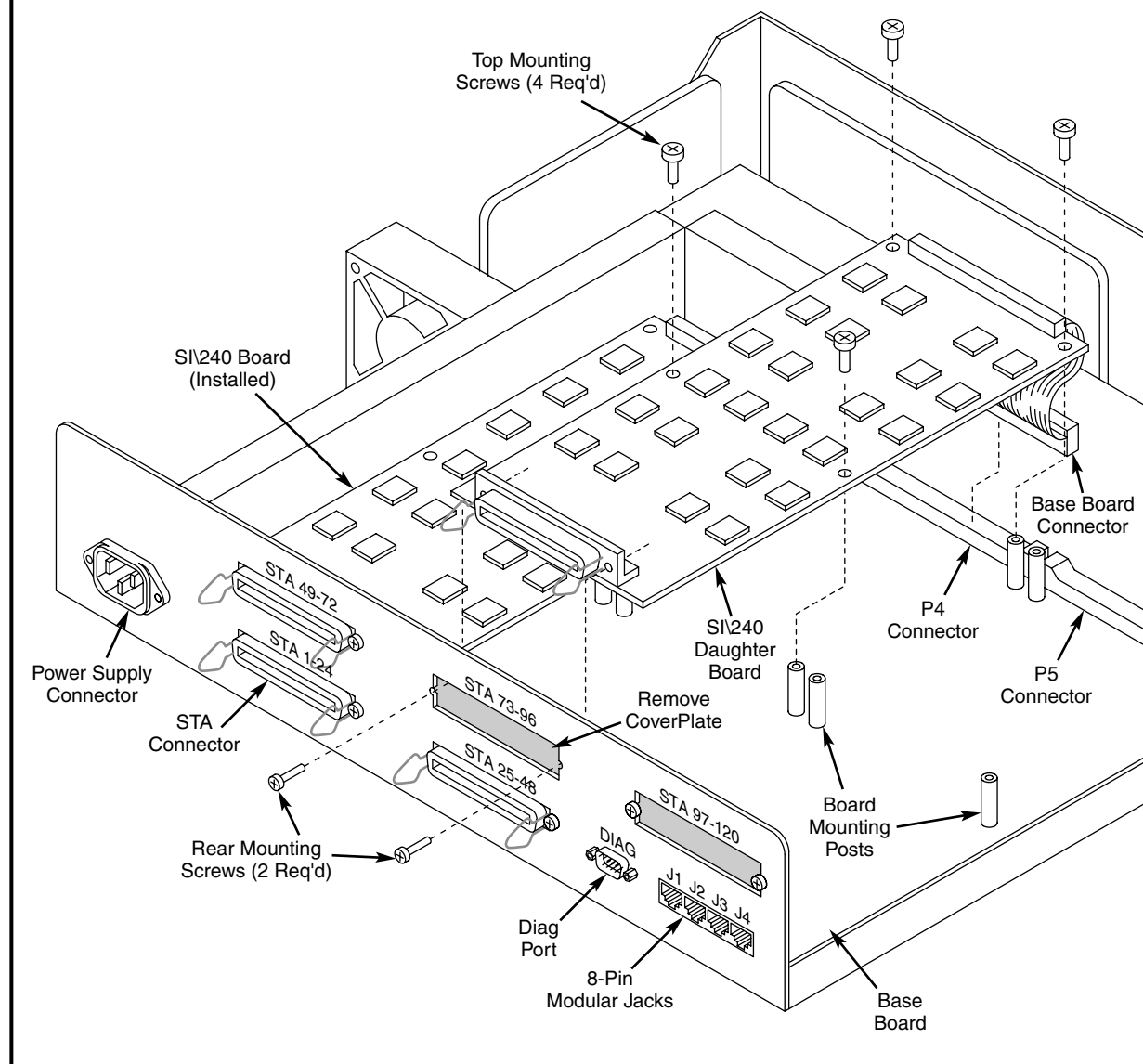
**Advertissement!** Assurez vous que le système soit débranché de son alimentation ainsi que de toutes les liaisons de télécommunication, des réseaux, et des lignes de modem avant d’enlever le capot. Ne pas utiliser le système quand le capot est enlevé.

**Warnung!** Das System darf weder an eine Stromquelle angeschlossen sein noch eine Verbindung mit einer Telekommunikationseinrichtung, einem Netzwerk oder einer Modem-Leitung haben, wenn die Gehäuseabdeckung entfernt wird. Nehmen Sie das System nicht ohne die Abdeckung in Betrieb.

**Avvertenza!** Prima di rimuovere il coperchio del telaio, assicurarsi che il sistema sia scollegato dall’alimentazione, da tutti i collegamenti di comunicazione, reti o linee di modem. Non avviare il sistema senza aver prima messo a posto il coperchio.

**Advertencias!** Asegúrese de que cada vez que se quite la cubierta del chasis, el sistema haya sido desconectado de la red de alimentación y de todos los enlaces de telecomunicaciones, de red y de líneas de módem. No ponga en funcionamiento el sistema mientras la cubierta esté quitada.

## Dialogic® Station Interface Box



### 4. Install the Board

1. Working at a static-safeguarded work area, disconnect the SIB's power cord from the electrical outlet and remove the SIB cover.



**Note:** To remove the SIB cover, you must first remove the top three screws on the front panel.

2. Remove the desired **STA XX-XXX** connector access cover plate and save the two rear mounting screws.
3. Attach the SI/240 board ribbon cable to the appropriate base board connector (**P3**, **P4**, or **P5**).



**Note:** When you fully seat the SI/240 ribbon cable connector, the base board ribbon cable extractor clips lock into the vertical position.

4. Guide the SI/240 board's STA connector into the hole on the SIB rear panel, carefully lining up the top mounting holes with the base board mounting posts.
5. Secure the board with four top mounting screws (supplied) and the two saved rear mounting screws.



**Note:** Make sure that the SI/240 board STA connector contacts the SIB rear panel. Start the four top mounting screws by hand first; then install and fully tighten the two rear mounting screws. Finally, fully tighten the top mounting screws.

6. After installing and connecting the SI/240 board(s), replace the SIB cover and connect the power cord.

### 5. 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/>).

### 6. 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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