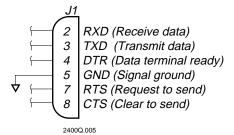## Troubleshooting

If you are unable to establish a good connection or the green Power Status Light is not on, make sure you have:

- Set the serial port parameters (for example, baud rate) to match between the terminal and the device.
- Connected the correct serial cable.
- Ensured that the electrical outlet has power.
- Inserted the terminal firmly in the dock.
- Connected the external power supply to AC power.
- Cleaned the optical interface windows and ports on both the terminal and the dock.
- Cleaned the three pins on the dock where you insert the terminal.

RS-232 Connector Pinout Description

J1

2	RXD (Receive data)
3	TXD (Transmit data)
4	DTR (Data terminal ready)
5	GND (Signal ground)
7	RTS (Request to send)
8	CTS (Clear to send)

2400Q.005

Physical and Environmental Specifications

Electrical requirements:	---12V 750mA
Interface:	9-pin D RS-232
Optical interface:	2 IR receivers and 2 IR transmitters
Optical RS-232 interface:	Converted RS-232 bipolar signals to optical signals and vice versa
Interface speeds:	Baud rate up to 38400 baud

Operating environment
  Charge Temperature: 32°F to 104°F (0°C to 40°C)
  Operating Temperature: -4°F to 122°F (-20°C to 50°C)
  Humidity: 0 to 95%, non-condensing

Storage environment
  Temperature: -4°F to 158°F (-20°C to 70°C)
  Humidity: 0 to 95%, non-condensing

Note: The lithium-ion battery pack in the terminal will not charge below 32°F (0°C).

Design and specifications are subject to change without notice.

⚠ **WARNING**

Warning
To prevent fire or electric shock, do not expose the TD2400 to rain or moisture.

Avertissement
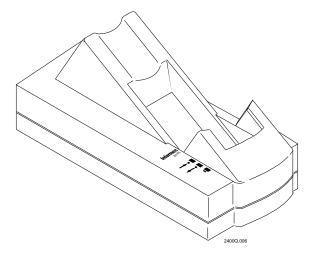*Pour éviter des risques d'incendie ou de choc électrique, ne pas exposer le TD2400 à la pluie ou à l'humidité.*

P/N 065555-004

Intermec

TRAKKER®
Antares™ TD2400
Communications Dock

The TRAKKER Antares TD2400 Communications Dock is an accessory for the TRAKKER Antares 2420 and 2425 (T2420 and T2425) hand-held terminals. The dock lets you transfer data and applications to and from another device by using RS-232 serial communications. The dock will also charge the batteries inside a T2420 or T2425 that is inserted into the dock.
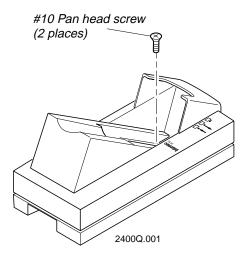

2400Q.006

This guide describes how to install and use the TD2400 communications dock. Before using the dock, please read this guide thoroughly and retain it for future reference.

1 Choose a Location for the TD2400

Choose a flat, stable, and clean surface that is within 5 ft (1.5 m) of an electrical source.

You can secure the dock to a flat surface using mounting hardware (not supplied with the dock).

#10 Pan head screw (2 places)

2400Q.001

2 Set Up the TD2400

Connect the cables to the dock. Both the RS-232 and power supply connectors are located on the underside of the TD2400.

Order a Power Supply

You order the power supply as a separate accessory. If you have not already done so, contact your Intermec sales representative and order an Intermec power supply (Part No. 065236).
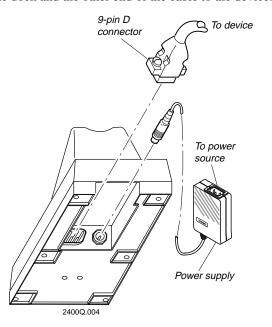
Connect the Power Supply

To connect the power supply, attach the power supply to the connector located on the underside of the dock. Plug the power supply into an AC outlet.

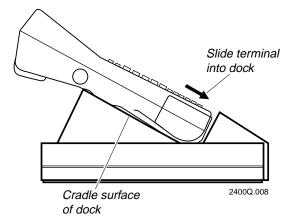*Note: The power supply must be connected at all times to use the TD2400.*

Connect to Another Device

You connect the dock to a device (host computer or modem) using an RS-232 serial cable (Intermec Part No. 047569 or 059167). Attach the connector to the underside of the dock and the other end of the cable to the device.

9-pin D connector
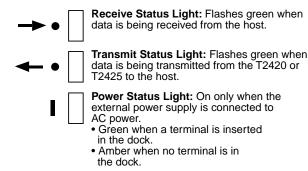*To device*
To power source
Power supply

2400Q.004

3 Use the TD2400

To insert the T2420 or T2425 into the TD2400, position the terminal on the cradle surface of the dock and slide the terminal into the dock. To verify that the terminal batteries are charging and the terminal is inserted correctly, the green Power Status Light must be on.

Slide terminal into dock

Cradle surface of dock

2400Q.008

Interpret the Status Lights

The TD2400 has three status lights that give you the following information:

Receive Status Light: Flashes green when data is being received from the host.

Transmit Status Light: Flashes green when data is being transmitted from the T2420 or T2425 to the host.

Power Status Light: On only when the external power supply is connected to AC power.
• Green when a terminal is inserted in the dock.
• Amber when no terminal is in the dock.

Transmit and Receive Data

To communicate with the terminal and any other device connected to the dock:

1. Insert the terminal into the dock. The green Power Status Light on the dock turns on.

2. Turn the terminal on.

3. Start your application on the terminal or host computer. Data can begin transmitting between the terminal and the device connected to the dock RS-232 connector.

Transmit and Receive Status Lights will indicate that data is being transmitted and received.

Note: You must have a battery pack installed in the terminal for all operations.

Charging the Terminal Batteries

The dock will trickle charge the lithium-ion battery pack and the NiCad backup battery. You must have the external power supply connected to charge the terminal batteries. A fully discharged lithium-ion battery pack charges in 16 hours. Refer to the *TRAKKER Antares 2420 and 2425 User's Manual* for information about charging rates for the NiCad backup battery.

Note: Charging temperature range is 32°F to 104°F (0°C to 40°C).