Charging the Terminal Batteries

The adapter will trickle charge the lithium-ion battery pack and the NiCad backup battery. The lithium-ion battery pack and the NiCad backup battery will be fully charged within 18 hours.

Note: The external power supply must be connected to the terminal to charge the lithium-ion battery pack and the NiCad backup battery.

Transmitting and Receiving Data

1. Connect the adapter to the terminal.
2. Connect the device (host computer, printer, or modem) to the adapter serial port.
3. Turn on the terminal and the device.
4. Start your program on the terminal or the device.

Data begins transmitting between the terminal and the device.

Troubleshooting

If communications through the adapter are not working, check to make sure

- the baud rate settings for the terminal match the baud rate settings for the connected device.
- you are using the correct serial cable.
- there is power at the electrical outlet or you have a fully charged battery pack in the terminal.

Specifications

Electrical requirements	⎓10V
Interface	9-pin, RS-232 connector
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	RS-232 baud rate up to 38,400 bps
Operating temperature and humidity	-20°C to 50°C (-4°F to 122°F), 0 to 95%, non-condensing
Charging temperature	0°C to 50°C (32°F to 122°F)
Storage temperature and humidity	-20°C to 70°C (-4°F to 158°F), 0 to 95%, non-condensing

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

Design and specifications are subject to change without notice.

Intermec
Technologies Corporation

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Everett, WA 98203-9280

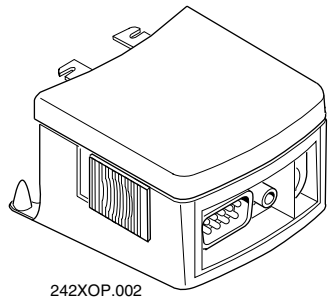
Part No. 065826-004

Quick Reference Guide

Trakker Antares® Optical Link Adapter

The Trakker Antares optical link adapter (Part No. 064021) is an accessory for the Trakker Antares terminals. The optical link adapter can

- transmit data between a terminal and another serial device.
- charge the battery pack that is in the terminal.



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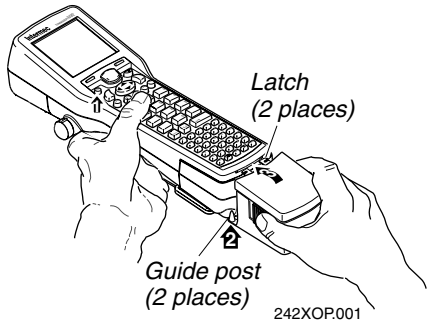
Before installing and using the optical link adapter, please read these instructions thoroughly and retain them for future reference.

1 Installing the Optical Link Adapter



1. Press ⏻ to turn off the terminal.
2. Insert the adapter guide posts into the locating holes on the underside of the terminal.
3. Gently rotate the adapter upward to insert the adapter latches into the slot on the back of the terminal. Push forward on the locking buttons until the buttons "snap" into place.

Now you are ready to connect a communications cable and attach the power supply to the adapter. You can operate the terminal and adapter without the power supply, but the battery pack must be fully charged.

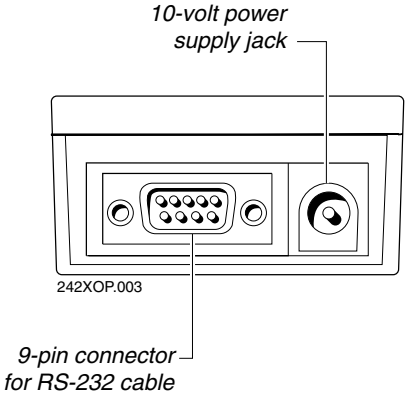
Removing the Optical Link Adapter

1. Press on the locking buttons to release the adapter latches and unlock the adapter.
2. Gently rotate the adapter downward to remove the adapter from the terminal.

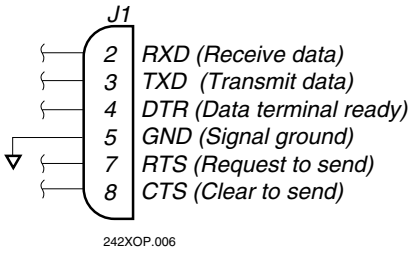
2 Connecting the Communications Cable to the Optical Link Adapter

The optical link adapter uses a 9-pin serial port for RS-232 communications. Use one of the following Intermec cables to communicate between the terminal and a device:

- 9-pin connector to 9-pin connector, 5-wire, null modem cable (Part No. 059167)
- 9-pin connector to 25-pin connector, 3-wire, null modem cable (Part No. 047569)



The adapter serial port pin assignments are:



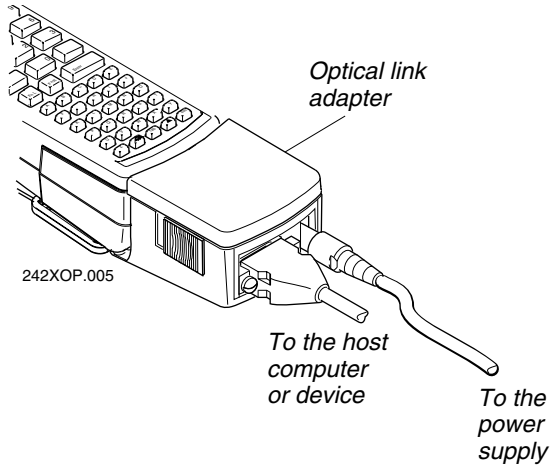
To connect the serial cable

1. Connect the serial cable to the 9-pin connector located on the front of the adapter.
2. Plug the other end of the serial cable into the device serial port.

3 Connecting the Power Supply to the Optical Link Adapter

The optical link adapter has a 10V power supply jack for running the terminal and the adapter using an AC power source. The power supply will also charge the lithium-ion battery pack that is in the terminal.

The power supply (Part No. 065236) is ordered separately.



To connect the power supply

1. Attach the power supply connector to the power supply jack located on the front of the adapter.
2. Plug the power supply power cord into a powered AC wall outlet.