

## Using the Menu System to Configure the Terminal

You use the TRAKKER Antares 2400 Menu System to set network or serial port parameters on the T2420 or T2425.

1. Press **[F] [Q] [T] [2] [M]** or **[F] [Q] [2] [4] [8]**, or scan this bar code label to access the TRAKKER Antares 2400 Menu System.

Enter Test and Service Mode



\*..\*

The Main Menu appears.

2. Press **[←]** to choose the Configuration Menu. You can configure the network parameters or the serial port parameters using the Communications Menu. To set the time and date, use the System Menu. For help in the menu system, press **[F]**.



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## Scanning Bar Code Labels

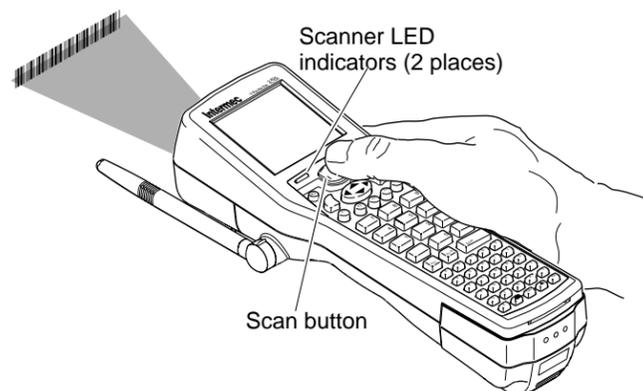
To scan bar code data, you must have a scan module installed on the terminal. A scan module is always installed at the Intermec factory.

You can use one of these Intermec modules:

- Module for cabled scanners
- Standard range scan module
- Long range scan module
- High density scan module

The scan module for cabled scanners has a port to attach a wand, laser scanner, or CCD scanner. The standard range, long range, and high density scan modules have an integrated laser scanner.

You can scan bar code labels with the integrated standard range, long range, or high density scan module, or with the scanning device that is connected to the module for cabled



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## Bar Code Symbolologies

The terminals can decode several different types of bar code symbolologies. You must configure the terminal to decode the type of bar code symbology used in your labels.

The terminal ships with these three symbolologies enabled:

- Code 39
- Code 128
- UPC/EAN

If you are using another symbology, you need to enable it before you can scan your bar code labels.

## Electrical Specifications

**Models:** T2420 and T2425

**Electrical rating:** --- 7.2V 500mA

## Using the Keypad

The terminals come with a color-coded keypad to make it easier to remember key combinations.

Position on the Keypad	Color	To Type the Character
Middle of the key	White	Press the key.
Left side above the key	Orange	Press the orange <b>[f]</b> key, then the key.
Centered above the key	Green	Press the green <b>[⇄]</b> key, then the key.
Right side above the key	Blue	Press the blue <b>[=f]</b> key, then the key.

## Where to Find More Information

The *TRAKKER Antares 2420 and 2425 Hand-Held Terminal User's Manual* (Part No. 064024) contains all the information necessary to install, configure, operate, and troubleshoot the T2420 and T2425. For information on ordering a manual, contact your local Intermec sales representative.

## Getting Started Guide

P/N 064183-003

## Congratulations on Selecting Intermec

to help meet your data collection needs. You have chosen the world leader in the data collection industry.

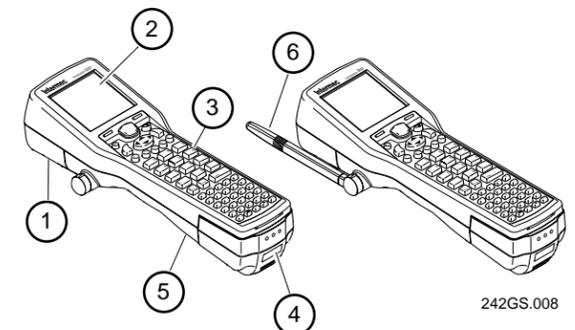
The TRAKKER Antares 2420 and 2425 terminals are hand-held data collection terminals. You use these programmable terminals to run either custom applications or terminal emulation applications.

You use the TRAKKER Antares 2420 (T2420) terminal to collect data and periodically upload the data collected to a host computer via RS-232 serial (wired) communications.

The TRAKKER Antares 2425 (T2425) terminal has the same functionality as a T2420 with the additional ability to transmit data via radio frequency (RF) communications in Intermec's 2.4 GHz RF network. The wireless T2425 provides real-time communications through the Model 200 Controller or DCS 300 using UDP Plus protocol or directly to a host using TCP/IP protocol.

Both terminals have 512K of RAM reserved for customer applications and a 750K flash drive to store applications and files. The T2420 has an option for an extended storage drive.

The TRAKKER Antares terminals are ergonomically designed to make data collection easy and include these features:



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- ① Scan module accessories for bar code data collection
- ② 16 line by 20 character CGA-compatible screen, angled for easy viewing
- ③ Keypad with 56 keys for data collection. The terminal ships with a keypad to match the application or language you ordered.
- ④ Serial port to support RS-232 communications
- ⑤ Rechargeable lithium-ion battery pack (shipped separately) for main power and rechargeable NiCad backup battery for memory backup
- ⑥ Adjustable antenna on the T2425 supports 2.4 GHz radio frequency communications

This Getting Started Guide shows you how to use the T2420 or T2425 and explains how to get the terminal up and running.

# TRAKKER® Antares™ 2420 and 2425 Hand-Held Terminal

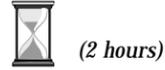
**Intermec**

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## Getting Started

Follow these steps to get your T2420 or T2425 up and running.

### 1 Charging the Main Battery Pack



The TRAKKER Antares terminal main battery pack and power source is a lithium-ion battery. You must fully charge the main battery pack before you can use the terminal. Use the accessory battery charger to charge the main battery pack.

- Place the battery pack in an empty slot in the battery charger. It is fully charged in about 2 hours. For help, see the documentation that came with your battery charger.

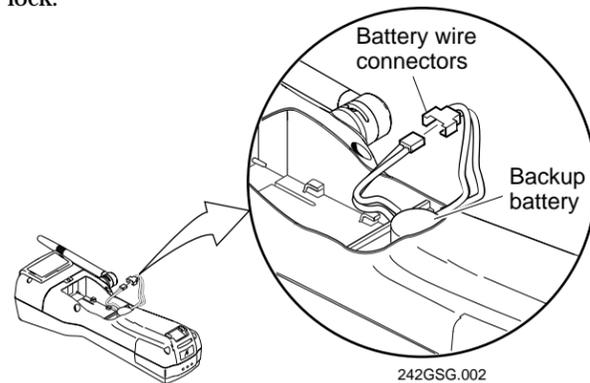
**Tip:** Keep a spare, charged main battery pack on hand.

### 2 Connecting the Backup Battery

A NiCad battery backs up all memory and the real-time clock while you change the main battery pack. The backup battery is shipped inside the T2420 and T2425, but it is not connected.

To connect the backup battery

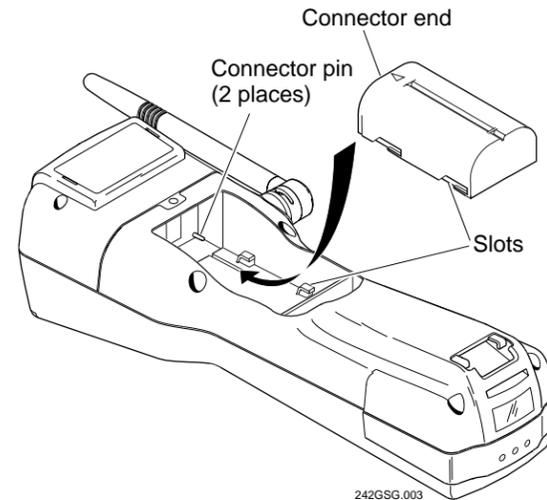
- Open the battery door by pushing down on the battery door latch and sliding it down. Lift up the top edge of the battery door to remove it.
- Find the two connectors in the backup battery compartment. One connector is attached to the backup battery. The other connector is attached to the terminal. Push the two battery wire connectors together until they lock.



- Gently fold and push the wires into the open area of the backup battery compartment near the wall.
- Leave the battery door off to continue with the next procedure and install the main battery pack.

### 3 Installing the Main Battery Pack

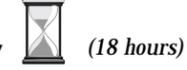
- If the battery door is not off, open the door.
- Hold the battery pack with the flat side facing down toward the inside of the battery compartment. The small arrow on the top of the battery pack must point toward the top (screen) end of the terminal.
- Place the battery pack into the upper (larger) half of the battery compartment.



- Hook the slots on the bottom of the battery pack into the slots on the bottom of the battery compartment.
- Slide the battery pack toward the top end of the terminal until it fits and locks into the connectors inside the bottom case. The battery pack must be all the way forward to close the battery door.
- If you are using an Intermec-labeled battery pack (Part No. 063278), make sure you remove the rubber bumper from the inside of the battery door. If you are using a Sony-labeled battery pack, make sure the rubber bumper is installed over the ridge near the wall on the inside of the battery door. The rubber bumper on the battery door keeps the battery pack in place.
- Hook the bottom edge of the battery door into the bottom case above the backup battery compartment. Push the door down to close it over the battery compartment. Push the battery door latch down and slide it up to lock the door in place.

**Note:** If the battery door will not shut, the battery pack is not installed correctly. Remove the battery pack and repeat Steps 2 through 7 above to install the battery pack.

### 4 Charging the Backup Battery



You must fully charge the backup battery. The main battery pack charges the backup battery when required with the terminal turned on or off.

To charge the backup battery

- Install a fully charged main battery pack.
- Leave the terminal turned off and let the main battery pack charge the backup battery. The backup battery will be fully charged in approximately 18 hours. The main battery pack still has most of its power remaining.

**Note:** The backup battery charges enough to operate the terminal within 20 minutes. However, the backup battery will only provide limited backup power if it is not fully charged.

### 5 Turning On the Terminal for the First Time

Once the batteries are charged, you are ready to turn on the terminal.

To turn on the terminal

- Press the  $\odot$  key on the top left of the keypad. The Boot Menu appears.
- Press  $\square$  to boot the terminal and initialize the firmware. The TRAKKER Antares screen appears.

On a T2420 or T2425 with the programmable option, the sample application screen appears.

On a T2425 loaded with a terminal emulation application, a warning screen about creating a TE configuration file may appear. Press  $\square$  to create the file and continue. An application welcome screen appears and then the T2425 tries to connect to the Model 200 Controller, DCS 300, or host. It cannot connect until you configure the RF network parameters.

- Configure the terminal now. For help, see "Using the Menu System to Configure the Terminal" in this guide.

### 6 Configuring the Serial Port

You use the terminal's serial ports to transfer data between the T2420 or T2425 and a host computer in a cabled or wired network. COM1 uses a TD2400 Communications Dock or a TRAKKER Antares Optical Link Adapter and COM4 uses an RS-232 scan module adapter.

You need to set these serial port parameters:

- Baud rate
- Parity
- Data bits
- Stop bits
- Flow control
- Protocol

The values you set for the terminal's serial port must match the values set for the host computer's serial port.

### 7 Installing and Configuring the T2425

Before you can use the T2425, you need to install and configure each device in Intermec's 2.4 GHz network:

- In a UDP Plus network, configure the Model 200 Controller or DCS 300. For help, see the *Model 200 Controller System Manual* (Part No. 063439) or the *DCS 300 System Manual* (Part No. 067296).  
In a TCP/IP network, configure the host.
- Configure the access point. For help, see your access point user's manual.
- Configure each TRAKKER Antares 2425 terminal.

To configure the terminal

You need to set these network parameters:

- Time and date
- Network activate
- Controller IP address (UDP Plus) or host IP address (TCP/IP)
- Terminal IP address
- RF domain
- RF security identification (ID)
- Network port (TCP/IP)

**Note:** If the T2425 is on a different IP subnetwork from the controller or host, you must also configure the default router and subnet mask.