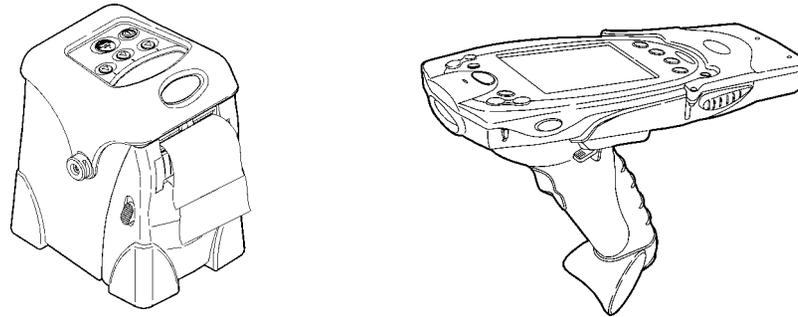


OPERATING INSTRUCTIONS

The Monarch® RF link with Trigger 7400™ unit is a dual-purpose device. It is a radio frequency (RF) solution for cable-less communication between a Symbol® PPT 2700 or 2800 terminal and a Monarch® Sierra Sport™2 9460™ printer. It also has a trigger to initiate a bar code scans easily.



The RF link device is under control of an application running on the terminal. Your System Administrator must load the application before you use it.

Getting Started

To start using the RF link device:

- 1.** Insert a charged battery into the terminal. See the terminal's documentation for more information. The terminal's battery also powers the RF link device.
- 2.** Insert the terminal into the RF link device. See "Inserting/Removing the Terminal," below.
- 3.** Load supplies in the printer. See the printer's documentation for more information.
- 4.** Link the RF link device with the printer. See "Linking the RF Modules," below.

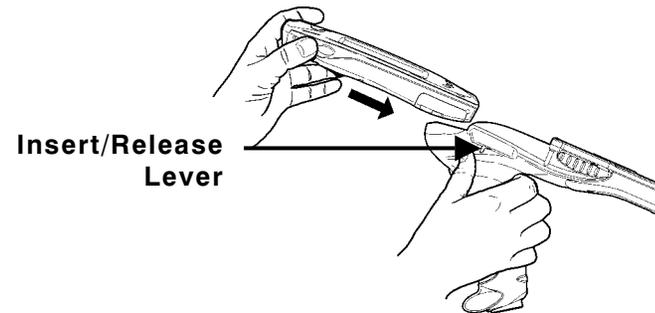
5. Run the application on the terminal. Your System Administrator will instruct you how to do this.

NOTE: When using the RF link device, be sure to put your hand through the safety strap before grabbing the handle.

Inserting/Removing the Terminal

To insert the terminal into the RF link device:

1. Hold the RF link device upright horizontally with the trigger facing the palm of your hand. Hold the terminal with the other hand, oriented so that the word Symbol is at the bottom.
2. Push the insert/release lever with your thumb, and slide the terminal (bottom first) into the RF link device's slot, making sure the RF link device's connector goes into the terminal's communication port. It will click into place.



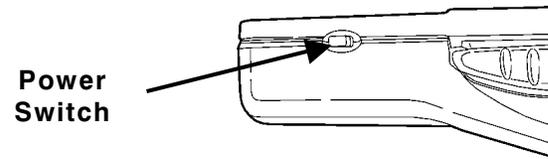
To remove the terminal from the RF link device:

1. Hold the RF link device upright horizontally with the trigger facing the palm of your hand.
2. Push the insert/release lever with your thumb, and pull the terminal out of the RF link device.

Linking the RF Modules

Despite there being no physical connection (a cable), the RF link device and printer must still be linked so they can communicate. To set up the link:

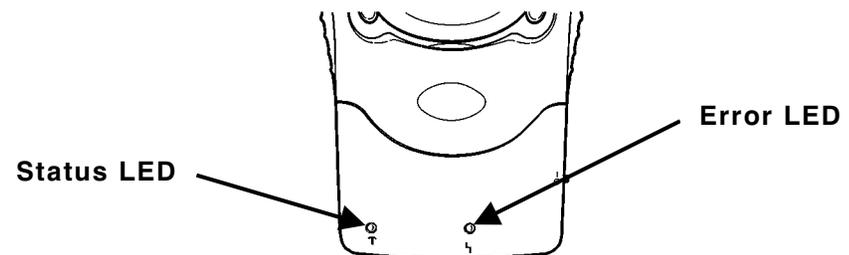
1. Turn off the RF link device, printer, and terminal. See the documentation for the terminal and printer for more information. Following is the RF link device's power switch.



2. Move the RF link device (with terminal inserted) and the printer within three meters of each other.
3. Turn on the terminal.
4. Turn on the printer. **Ready** appears on its screen.
5. Turn on the RF link device. The linking process begins.

When the link is established, the RF link device's Status LED (green) blinks, and **RF Ready** appears on the printer's screen.

If a problem occurs with the link, the Error LED (yellow) turns on. If this occurs, see "Troubleshooting."



When you have linked the modules, they can talk with each other up to 20 feet apart.

NOTE: When you are not using the printer, terminal, and RF link device, be sure to turn them off.

Scanning Bar Codes

To scan a bar code:

- 1.** Point the scanner at a slight angle approximately 4 – 8 inches from the bar code symbol.
- 2.** Pull the trigger until you hear a beep, which indicates a complete scan. If you let go of the trigger before the beep, the scan stops immediately.

CAUTION: Do Not stare into the beam.

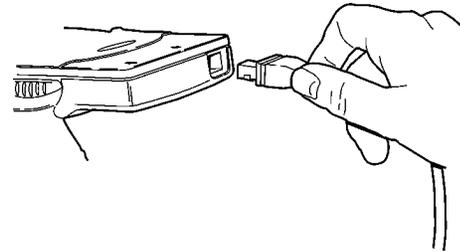
If the bar code does not scan:

- ◆ Change the angle of the scanner slightly and try again.
- ◆ Clean the scanner window.
- ◆ Move the scanner 4 – 8 inches away from the bar code. Adjust this distance as needed to find the correct distance.
- ◆ Try scanning another bar code that you have scanned successfully. If that scan is successful, the scanning problem is with the bar code.
- ◆ Move to a more dimly lit area.
- ◆ Be sure there are no voids in the bar code symbol.

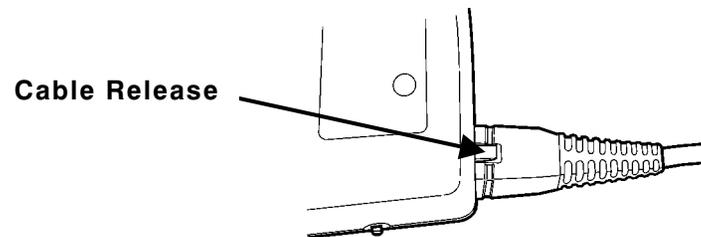
Using a Cable Connection

Optional. You do not necessarily have to use the RF link device with RF communications. You can connect the RF link device to the printer with a cable (part number 12029351).

To attach the cable, plug it into the port at the back of the unit.



To remove the cable, press the cable release and pull the cable away from the port.



Troubleshooting

Problems can occur with the scanner and RF communications.

Scanner Problems

If the scanner does not turn on, have your System Administrator check

- ◆ the terminal's application to determine if it initializes the scanner in the form's activate event.
- ◆ that the terminal's **Ext. 5 volts** option is set to *Always On*. To do so:
 1. Tap the upper left corner of any screen.
 2. Choose Settings from the drop-down menu.
 3. Tap the System tab (at the bottom).
 4. Tap the Symbol Settings icon.
 5. Tap the Settings tab (at the bottom). The Ext. 5 volts drop-down box appears in the middle of the screen that appears.

RF Communication Problems

If the RF link device and the printer are not communicating, try each of these suggestions to correct the problem.

- ◆ Change or recharge the terminal's battery.
- ◆ Have your System Administrator ensure that the following communication parameters are set on both the terminal and the printer:
 - 8 data bits
 - No parity
 - 9600 baud
 - 1 stop bit
 - DTR flow control (on the printer)
 - RTS/CTS flow control (on the terminal).

NOTE: The application on the terminal should be written with the parameters built in.

- ◆ Re-link the printer and RF link device.
- ◆ Move the modules closer than three meters apart.
- ◆ Move the RF link device and printer around to find the best relative position between the two.
- ◆ Swap in new devices (printer or RF link device) to narrow the problem down to a particular device.
- ◆ Make sure no other RF devices are within the 20-foot zone because they may obscure the intended linking.

