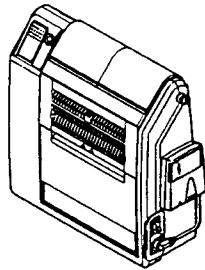


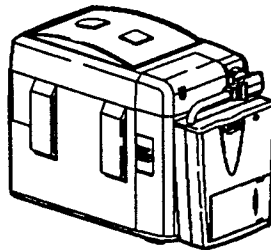
# OPERATING INSTRUCTIONS

Wanderer II (model 7400) is a radio frequency (RF) device used to provide a cableless solution to communications between a Symbol® 3800 data collection terminal and a Monarch® 9450™ or 9490™ printer. It has two modules; one attaches to each device. The printer and the terminal can be used up to 3 meters apart.

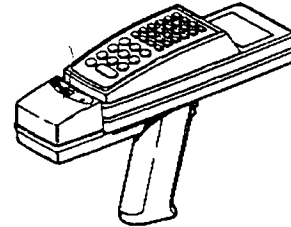
Following are diagrams of the printers and the terminal with the Wanderer II modules attached.



9490 Printer



9450 Printer



3800 Terminal

## Installing Wanderer II

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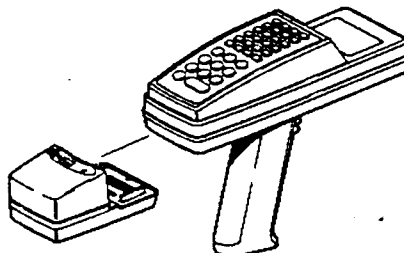
**System Administrators Only.** To install Wanderer II, you attach its modules to the devices. The printer takes the box-shaped module and the terminal takes the L-shaped module.

### Terminal Installation

To install Wanderer II onto the terminal:

1. Open the door beneath the L-shaped module and insert a 9-volt battery. It can be Alkaline or rechargeable nickel metal hydride.

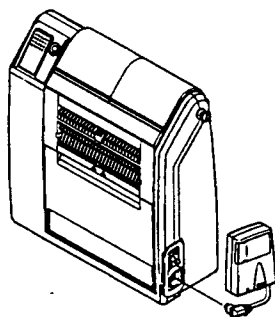
2. Press both sides of the L-shaped module in and snap it into the optical interface beneath the terminal (at the bottom of the keyboard).



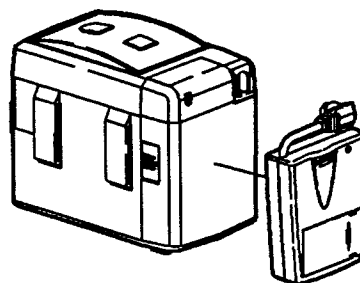
### Printer Installation

To install Wanderer II onto the printer:

1. Attach Velcro® to the outside of the printer and the box module. Place the Velcro such that the cable on the box module can easily reach the printer's serial port.
2. Using the Velcro, attach the box module to the outside of the printer. Note that because the serial port on the 9490 printer is at the bottom, you must place the box module so the cable faces down. On the 9450 printer, place the box module so the cable faces up.



**9490 Printer**



**9450 Printer**

3. Insert the cable from the box module into the printer's serial port.

## Operating Wanderer II

**Clerks Only.** To operate Wanderer II:

1. Place the data collection terminal and the printer within 6 feet of each other and turn them on. Wait 2 seconds for the printer to run a status check.
2. Turn on the Wanderer II module attached to the printer (green LED constant). Then, turn on the data collection terminal's module (green LED constant). The two devices link and the green LED starts to blink.
3. Use the printer and the terminal as you normally would.

## Troubleshooting

Following are some suggested courses of action if you have problems.

<b>Problem/Symptom</b>	<b>Solution</b>
If the yellow LED continually blinks twice and pauses, the battery level is low.	Change or recharge the Wanderer II's battery.
If the yellow LED blinks five times quickly, there was a transmission error.	Move the terminal and the printer around to find the best relative positions. Be sure there are no obstacles between them. If it continues, there is a data error. Turn the modules off, then back on to re-link the system and clear any errors.

## Frequently Asked Questions

Following are common questions (and the answers) asked about Wanderer II.

**Q:** Do I have to use the Wanderer II modules as selective pairs?

**A:** No. - The modules link to any other module, but only one at a time.

**Q:** Is there more than one operating frequency?

**A:** Yes. However, the modules operate at only one frequency at a time. This frequency is selected when ordering and the factory sets it. The frequency cannot be changed in the field.

**Q:** Are there any problems using multiple Wanderer II's in the same area?

**A:** No. The modules only respond to messages that are addressed to each other. This auto addressing happens during the linking process. As stated above, the modules must be set to the same frequency.

**Q:** Can the printer power its Wanderer II module (-P)?

**A:** Yes, if the printer has +5v available on the serial connector (refer to the *Operator's Handbook* for the printer). The correct wiring harness will allow for this feature. Of course, the internal Wanderer II module (-P) (which is factory-installed) uses the printer supply voltage for operation.

**Q:** How many hours will the Wanderer II's batteries run?

**A:** Alkaline batteries typically run for 120 hours and rechargeable batteries run for 14 hours. Of course, these numbers vary depending on the size of transactions and the number of times a message is re-sent.

**Q:** Can messages be sent to multiple printers at the same time?

**A:** No. A module can connect to only one module at a time (peer-to-peer operation).

**Q:** Are there any software configurations and/or commands to change the operating parameters?

**A:** No.

FCCID: GU67400-433

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference, and 2) This device must accept any interference received, including interference that may cause undesired operation.