

PRINTPAD 7900

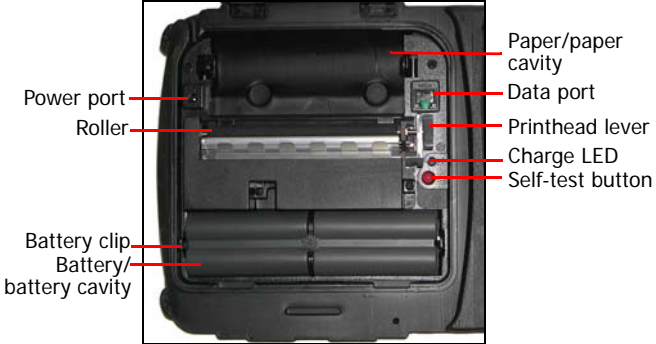
User Guide ■■■



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PrintPAD Printer Views

Open View



Closed View



Using Batteries

The printer ships with two batteries installed. Before operating the printer, remove the two red, isolator labels either by gently pulling the labels out, or by lifting the batteries up.

Charging Batteries

1. Plug the power supply connector into the printer's power port. The power port is located on the side of the printer's case and is accessible when the printer's lid is closed (Figure 1).



Figure 1

2. Plug the AC adapter in an appropriate power source.

The charge LED turns red when charging and turns green when fully charged. The charge LED is visible when the printer's lid is closed. A complete charge takes approximately 6 hours.

You can determine the relative battery capacity by printing a self-test. For more information, see *Printing a Self-Test on page 6*. On the printout, "Battery Volt" varies between 6.8 and 8.4 volts.

Caution: There is a risk of explosion if the battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Caution: The operating temperature of this portable printer is 50° C. However, the operating temperature when used with Datamax-O'Neil power supply for charging the portable printer is limited to 40° C. Please charge the printer in a suitable location that meets this temperature requirement.

Caution: (For US/Canada) Please only use the Datamax-O'Neil part number 220240-100 power supply with this product.

Using a Handheld Computer (HHC)

1. Insert the handheld into the cavity.
2. Press down until the handheld is fully seated (Figure 2). The locking lever “clicks” into place. If the locking lever fails to “click” into place, carefully lift the lever toward the handheld (Figure 3). The locking lever should securely hold the handheld into place.



Figure 2



Figure 3

Locking lever

Removing the Handheld

1. Unlock the locking lever so that the printer can be removed from the cavity.
2. The handheld should easily lift out of the cavity; do not use force to remove the handheld.

Compatible Handheld Computers

Note: The PrintPAD 1700/1800/2700/2800 is intended for use with UL Listed Accessory Handheld Computer Symbol Technologies SPT17 series, PPT27 series, or PPT28 series.

The PrintPAD 9000 is intended for use with UL Listed Accessory Handheld Computer Symbol Technologies MC90 series.

Loading Paper

1. Press a new roll of paper into the paper cavity. The end of the roll should exit from the bottom of the paper cavity and face the printer's roller (Figure 4). When properly installed, the roll of paper "latches" into place.

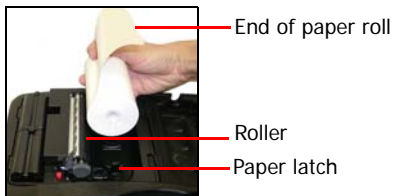


Figure 4

2. Raise the printhead release lever until it is fully open. The lever clicks midway at the partially open position; however, do not stop here, continue to raise the lever until it is fully open (Figure 5).
3. Wake up the printer by momentarily pressing the red self-test button (Figure 6).

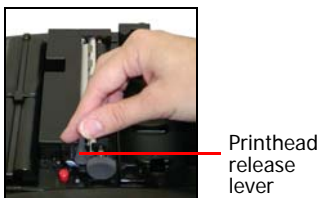


Figure 5

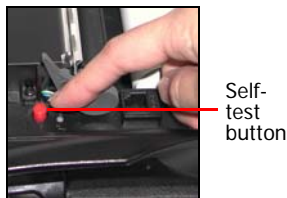


Figure 6

4. Feed the end of the paper under the roller until the paper exits from the top of the printhead (Figure 7). Verify the paper exits straight.

5. Lower the printhead release lever (Figure 8).

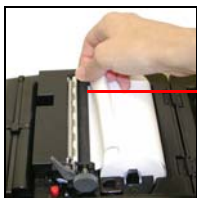


Figure 7



Figure 8

6. Feed the end of paper through opening in the printer's cover.
7. Remove any excess paper by grasping the top corner of the paper and pulling it up and away.
8. Close and latch the printer's cover.

Printing a Self-Test

1. Open the printer's cover.
2. Press the red self-test button until the printer starts to print (Figure 9).



Figure 9

3. After printing starts, release the red self-test button.

Using Bluetooth

Note: The following information applies to printers with Bluetooth capabilities.

Radio printers are configured with default factory settings. To determine your printer's radio configuration, print a self-test. (For more information, see *Printing a Self-Test on page 6*.) If you have multiple printers, configure them specifically for use in your environment.

For proper system operation, set the following parameters on your printer and host computer:

Bluetooth Parameters

- Device Name
- Authentication
- Bondable
- Discoverable
- Connectable
- Encryption

Contact your network administrator to verify the proper radio settings for your environment.

Using PrintPAD LEDs, Buttons, and Audio Indicators

Charge LED Indicators

LED	State of Charge	Action
Solid red	Charge in progress.	Wait for green LED.
Green	Charge completed.	None.
Red flash-slow	Battery is too cold. Battery is disconnected.	Change environment. Connect battery.
Red flash-fast	High temperature.	Change environment.
Red/orange flash-slow	Battery voltage is very low.	Wait for solid red. Restart charge.
Red/orange flash-fast	Battery is disconnected.	Connect battery.
Orange flash-slow	Charge timeout.	Restart charge.

LED Indicators

Blue RF Power LED Indicators

LED	Description
Blue flash - fast	RF power is on and printer is awake.
Blue flash - slow	RF power is on and printer is asleep.
Off	RF power is off.

Button Functions

Blue RF (Radio-frequency) Power Button

Short press	<p>If printer is asleep and RF power is off; printer wakes up and RF power is turned on.</p> <p>If printer is asleep and RF power is on; printer wakes up and RF power is turned off.</p> <p>If printer is awake and RF power is off; RF power is turned on.</p> <p>If printer is awake and RF power is on; RF power is turned off.</p>
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Audio Indicators

Beep(s)	Description	Action
1	Printer wakes up.	None.
2	Out of paper.	Install paper.
3	Low battery.	Charge battery.
1 short	RF power is on (when blue, RF power button is pressed and power was turned off).	None.
2 short	RF power is off (when blue, RF power button is pressed and power was turned on).	None.
1 long	Boot code is starting or restarting (when downloading new firmware).	Redownload firmware.
5 short	Communication error from application.	Reset application.
8 short	CRC error in firmware.	Redownload firmware.
10 short	Error writing to communication controller firmware.	Redownload firmware.

Using Batteries

1. Open the printer by unsnapping the latch on the front of the case.
2. Remove the batteries by pressing the retainer clip outward with your thumb. While pressing the retainer clip, lift the outside end of the battery past the retainer clip (Figure 10).
3. Insert the new batteries. Verify the battery contacts are facing down and are facing the outside edge of the printer (Figure 11).



Figure 10

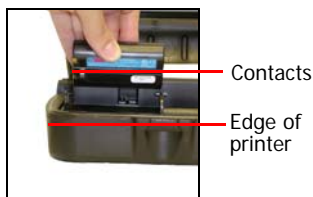
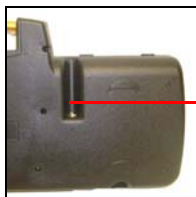


Figure 11

Using DEX Capabilities



Bottom of printer

DEX Port

Figure 12

The direct exchange (DEX) port can only be used with the Datamax-O'Neil approved DEX cable (P/N 210237-000). When the DEX cable is plugged into both the printer and into a data source, the printer automatically turns off to allow data transfer between devices.

Using a CardReader

Note: The following information applies to printers with the CardReader option.



Figure 13

General Guidelines

- To wake up the CardReader, insert a card into the CardReader slot. One short beep indicates the CardReader/printer is awake.
- If you are using a Magnetic CardReader, insert a card with the stripe facing toward the printer, then slowly remove the card from the CardReader slot.
- For information on CardReader LED indicators and audio indicators, see *CardReader Indicators on page 13*.

CardReader Indicators

Audio Indicators

Beep	Description	Action
1 long	Bad read.	None.
2 short	Good read.	None.

Magnetic LED Indicators

LED	Description
Green flash	Good read.
Red flash	Bad read.

Agency Approvals

FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



Applicable Directive

- 89/336/EEC, 73/23/EEC

Applicable Standards

- EN55022 (1998)
- EN55024 (1998)
- EN60950 (1992)



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Media Supplies

Datamax-O'Neil offers seven certified grades of paper for use in the PrintPAD 7900 series of printers. Our certified supplies are guaranteed compatible — this important qualification means that rigorous performance and image life testing have been performed. Quality supplies are key to obtaining optimal image quality and print performance. Quality supplies are also the key to extending the life of the printer. Datamax-O'Neil strongly recommends using Datamax-O'Neil Certified Supplies only.

For more information, contact Datamax-O'Neil at (949) 458-6400.

Maintenance Supplies

We recommend that you follow a regular maintenance schedule using our cleaning card (or cleaning kit when using linerless labels). Datamax-O'Neil cleaning cards are designed to effectively remove dirt and other contaminants from the thermal printhead, rollers, and paper path...resulting in a clean, crisp image output — every time.

For more information, contact Datamax-O'Neil at (949) 458-6400.

For more information

For information about using the printer, contact Datamax-O'Neil at (949) 458-0500, or visit www.datamax-oneil.com.

