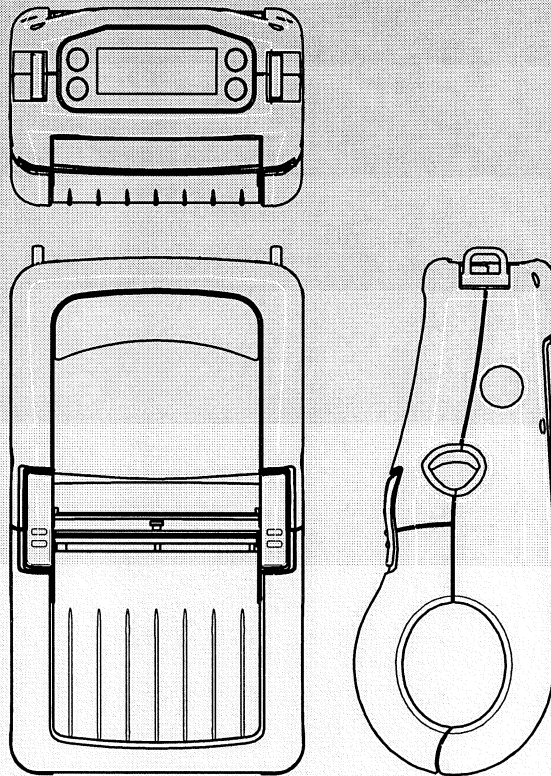




QL 320tm

Mobile Printer User's Guide



UMAN-QL3

Rev.D March, 2002

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NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARNING: Exposure to Radio Frequency radiation. To conform to FCC RF exposure requirements this device shall be used in accordance with the operating conditions and instructions listed in this manual.

NOTE: This unit was tested with shielded cables on the peripheral devices. Shielded cables must be used with the unit to insure compliance.

Changes or modifications to this unit not expressly approved by Zebra Technologies Corporation could void the user's authority to operate this equipment.

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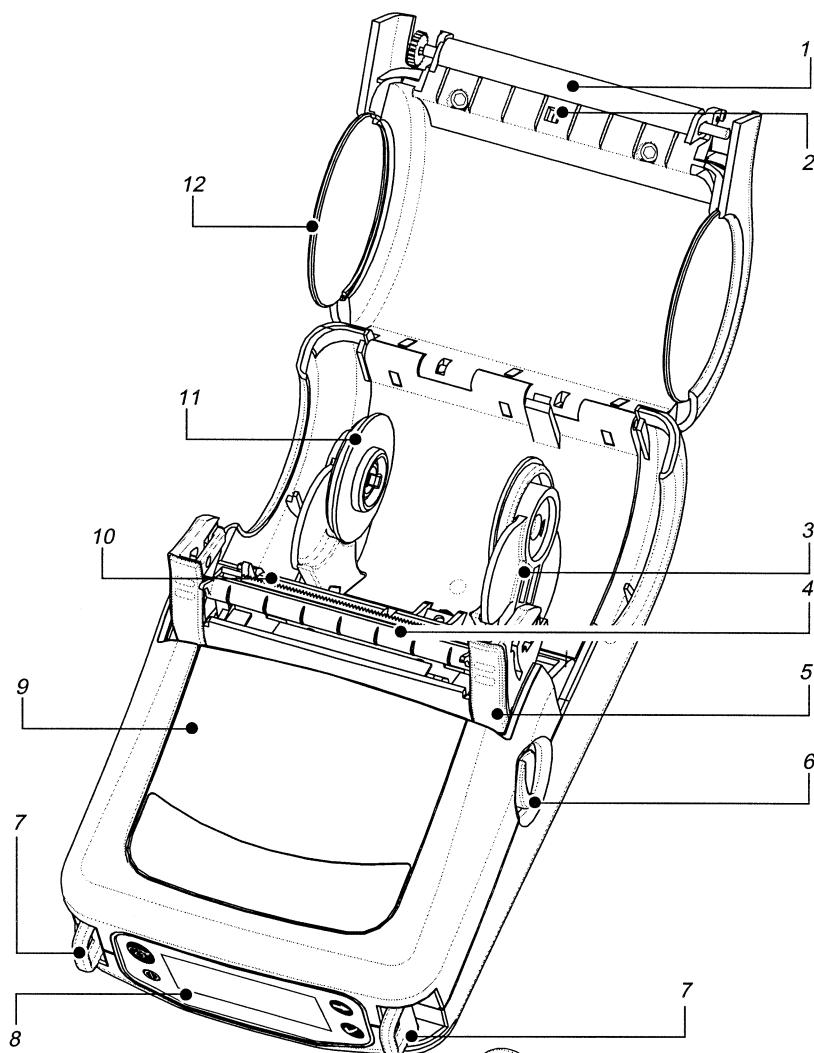
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**Mobile Printer
User's Guide**

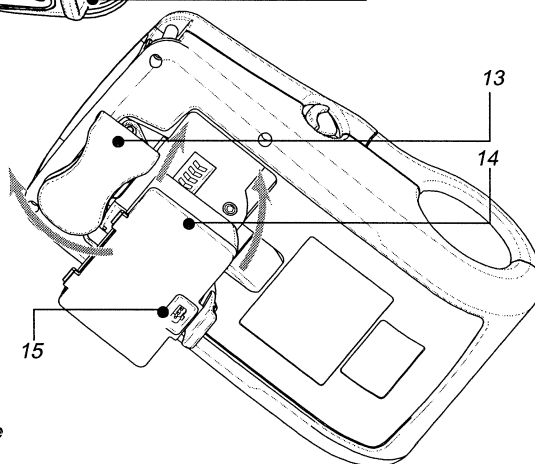
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- 1 Platen Roller
- 2 Bar Sensor
- 3 Media Support
- 4 "EZ-Peel" Peeler
- 5 Latch
- 6 Latch Release Lever
- 7 "D" Rings
- 8 Control Panel
- 9 QuickLink Module
- 10 Print Head
- 11 Media Support Disks
- 12 Media Cover
- 13 Belt Clip
- 14 Battery
- 15 Battery Charging Receptacle



Introduction

Thank you for choosing our Zebra QL 320 Mobile Printer. This rugged printer is sure to become a productive and efficient addition to your workplace thanks to its innovative design. Because it's made by Zebra Technologies Corporation, you're assured of world-class support for all of your bar code printers, software, and supplies.

- This user's guide gives you all the information you'll need to operate the QL 320 printer.
- The QL 320 uses the CPL programming language. To create and print labels using the CPL language, refer to the Mobile Printer Programming Guide and our Label Vista™ label creation program.
- The QL 320 has an optional interpreter for the ZPL II® Programming Language which interprets commands up to X.8 firmware. The printer must be equipped with the optional memory upgrade and appropriate application in order to use this function. A ZPL II Program Guide (part #46530L) can be used as reference for the ZPL II label design programming language. If either manual was not ordered with the printer, simply call your re-seller or Zebra Technologies Corporation or visit the Zebra web site..

Unpacking and Inspection

Inspect the printer for possible shipping damage:

- Check all exterior surfaces for damage.
- Open the media cover (refer to "Loading the Media" in the Getting Ready to Print section) and inspect the media compartment for damage.

In case shipping is required, save the carton and all packing material.

Reporting Damage

If you discover shipping damage:

- Immediately notify and file a damage report with the shipping company. Zebra Technologies Corporation is not responsible for any damage incurred during shipment of the printer and will not cover the repair of this damage under its warranty policy.
- Keep the carton and all packing material for inspection.
- Notify your authorized Zebra re-seller.

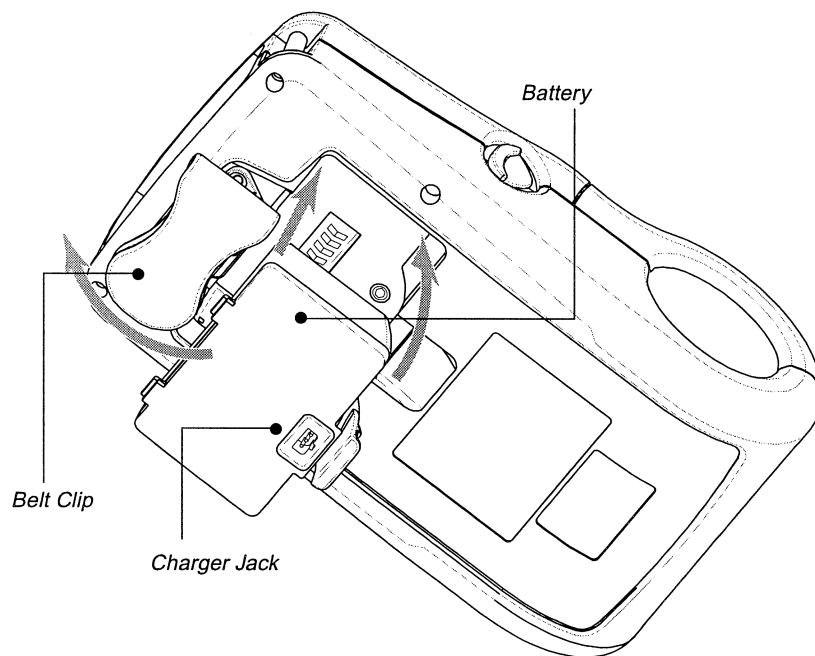


FIGURE 2

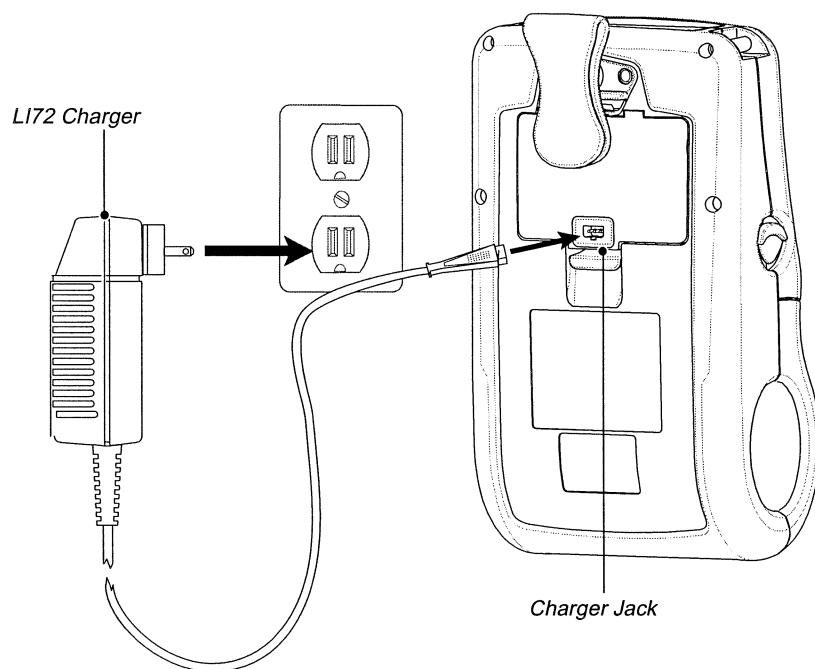


FIGURE 3

Getting Ready to Print

Battery

Installing the Battery



NOTE: Batteries are shipped uncharged. Remove protective shrink-wrap and labels from new battery packs prior to use.

1. If the printer is so equipped, rotate the Belt Clip to allow access to the Battery compartment.
2. Insert the battery into the printer as shown in Figure 2,
3. Rock the Battery into the printer as shown until it locks in place.

When the battery is first installed, the Control Panel indicators may briefly turn on and then go off which indicates the battery is not fully charged (see “Charging the Battery” below and “Operator Controls”).

Charging the Battery

Refer to Figure 3. Your battery charger may look slightly different from the ones illustrated.

If you are using the LI 72 battery charger:

1. Install the battery in the printer and plug the Charger into the appropriate A.C. wall receptacle. Then insert the charge cable into the battery charger jack.
2. The charger LED will indicate the status of the charger as follows:
 - A steady light indicates the battery is undergoing a fast charge.
 - A slow blinking light indicates the charger is in trickle mode. The battery is ready for use.
 - A rapidly blinking light indicates a problem with the battery. The battery may have an internal short, or its charge monitoring circuitry may be malfunctioning. The battery should not be used any further.
- Battery Packs may be charged either when installed in the printer or when removed.



Do not attempt to charge batteries with the LI 72 while printing. Attempting to print while charging can result in improperly charged batteries.

Loading the Media

You can operate this printer in one of two different modes: Tear-Off or Peel-Off. Tear-Off mode allows you to tear off each label (or a strip of labels) after it is printed. In Peel-Off mode, the backing material is peeled away from the label as it is printed. After you remove this label, the next one is printed.

Installing the Media

1. Refer to Figure 4. Open the printer:

- Rotate the latch release levers on each side of the printer as shown at “1” below. The latch assembly will flip open automatically as shown at “2”.
- Rotate the media Cover back as shown at “3”, exposing the media compartment and the adjustable media supports.

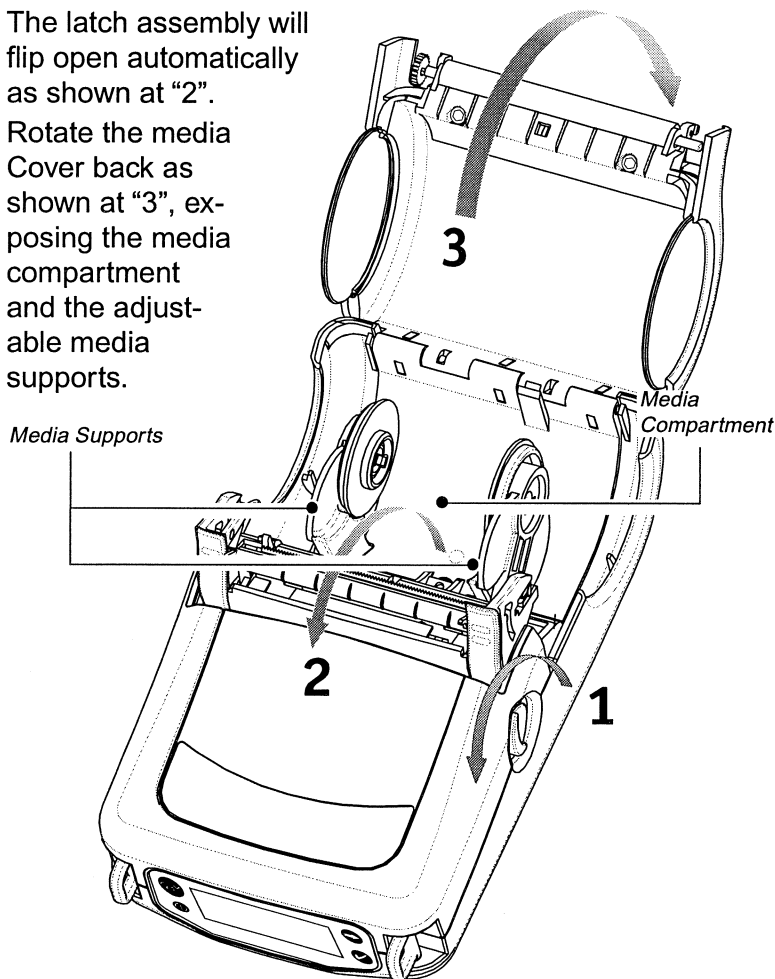


FIGURE 4