

MC18 QUICK REFERENCE GUIDE



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Warranty

For the complete hardware product warranty statement, go to: <http://www.zebra.com/warranty>.

Service Information

If you have a problem using the equipment, contact your facility's Technical or Systems Support. If there is a problem with the equipment, they will contact the Global Customer Support at: <http://www.zebra.com/support>. For detailed documentation and the latest version of this guide go to: <http://www.zebra.com/support>



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Introduction

This Quick Reference Guide describes the main features of the MC18, scanning bar codes, installing and removing a battery and manual release of a locked MC18 from a cradle.

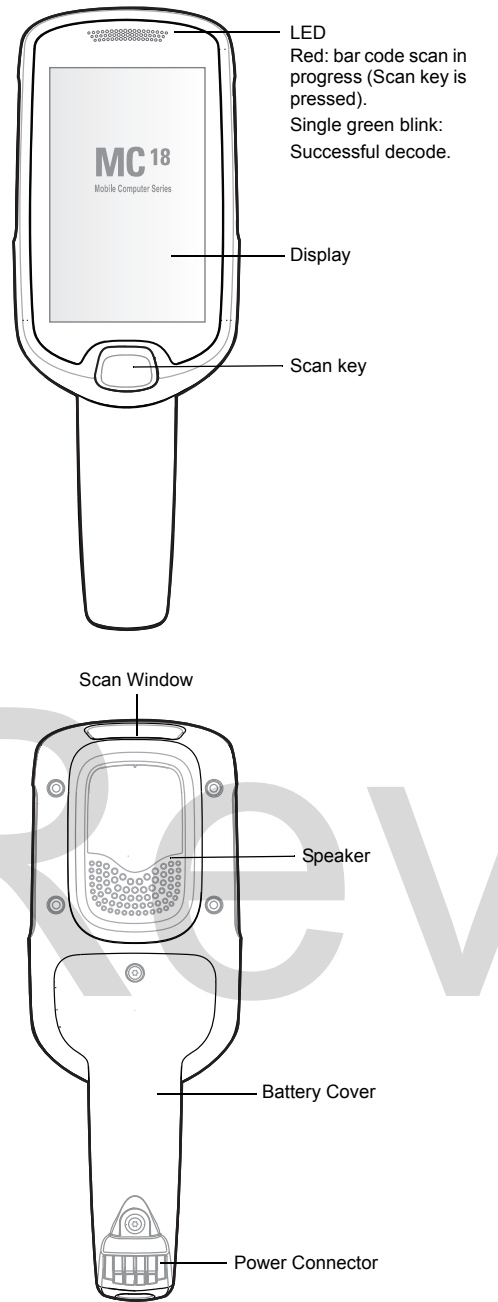
This guide also provides regulatory information.

Unpacking

Carefully remove all items from the shipping box and save the shipping box for later storage and shipping. Verify that you received all the items listed below:

- MC18
- Lithium-ion battery
- This Quick Reference Guide.

Features

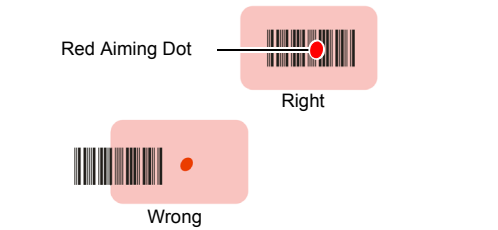


Scanning Bar Codes

To scan:

1. Launch a scanning application.
2. Press the scan key and aim the MC18 at a bar code.
3. Adjust the position of the MC18 so that the red aiming dot appears at the center of the bar code.

Upon successful decode, the LED blinks green and the unit may also beep.

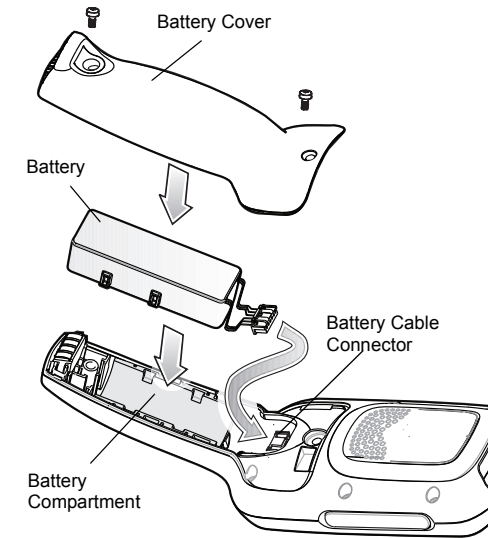


Installing the Battery

To install the battery:

1. Using Torx T8 drive, remove two screws that secure the battery cover.
2. Lift the battery cover from the handle.
3. Guide and press the battery cable connector into the female connector inside the battery compartment. The connector is designed to only fit one way.

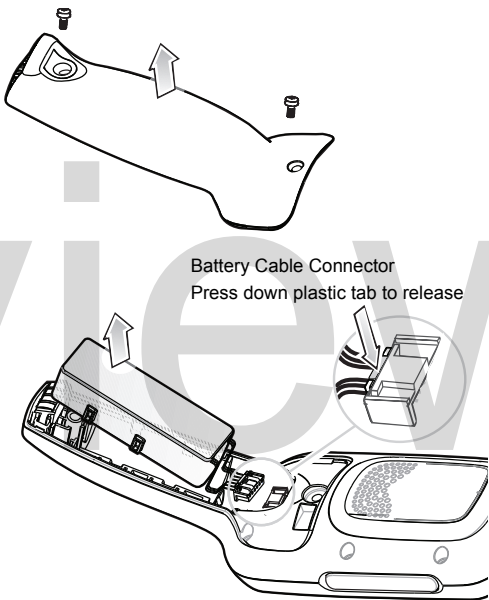
4. Place the battery inside the battery compartment.
5. Place the battery cover onto the handle. Secure the battery cover with the two Torx screws using a T8 Torx drive. Torque the screws to 3.6 Kgf-cm (3.1 in-lb).



Removing the Battery

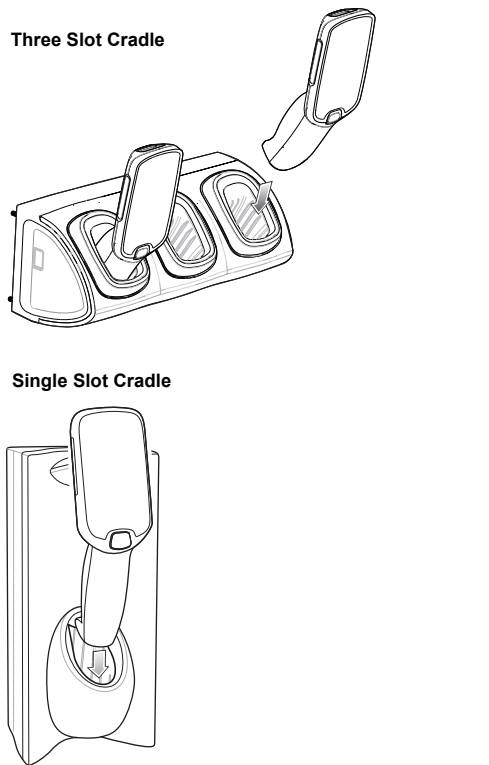
To remove the battery:

1. Use T8 Torx drive to remove the two screws that secure the battery cover.
2. Lift the battery cover from the handle.
3. Inside the battery compartment, press down the plastic tab of the Battery cable connector and slide it out of the female connector.
4. Remove the battery from the battery compartment.



Charging the Battery

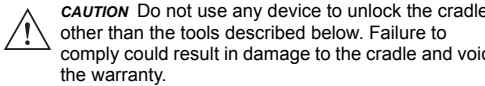
To charge the battery, Insert the MC18 into the cradle.



With a fully depleted battery, the MC18 fully charges in approximately four hours. Refer to the MC18 Product Reference Guide for specific charging profile information.

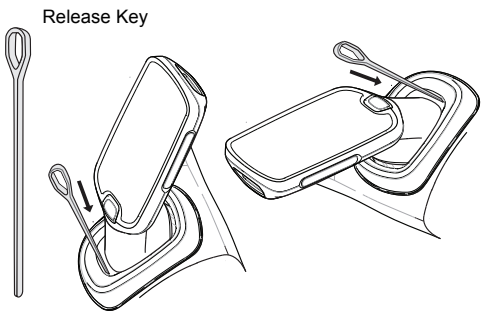
Manual Release of MC18 from Charging Cradles

Some cradle models contain a locking mechanism that locks the MC18 into the cradle. The MC18 releases from the cradle via a software command to the cradle. If the MC18 does not unlock from the cradle, unlock it manually as described below.



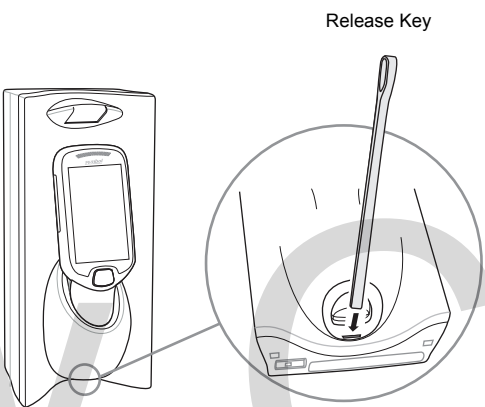
Three Slot Cradle - Release Key

1. Insert the release key straight into the socket.
2. While pressing the release key all the way to the end of the socket, remove the MC18 from the socket.



Single Slot Cradle - Release Key

1. Insert the release key into the slot located at the bottom side of the cradle.
2. While pressing the release key all the way into the slot, remove the MC18 from the cradle.



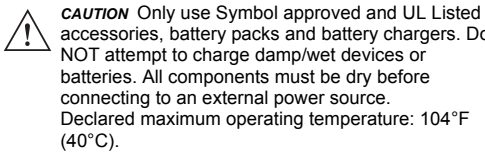
Regulatory Information

This guide applies to the following Model Number: MC18N0.

All Symbol devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required.

Local language translations are available at the following website: www.zebra.com/support

Any changes or modifications to Symbol equipment, not expressly approved by Symbol, could void the user's authority to operate the equipment.



Bluetooth® Wireless Technology

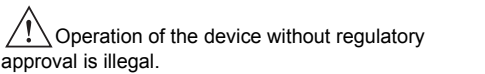
This is an approved Bluetooth® product. For more information or to view End Product Listing, please visit <https://www.bluetooth.org/tgp/listings.cfm>

Wireless Device Country Approvals

Regulatory markings, subject to certification, are applied to the device signifying the radio(s) is approved for use in the following countries: United States, Canada, Australia and Europe¹.

Please refer to the Declaration of Conformity (DoC) for details of other country markings. This is available at: <http://www.zebra.com/doc>

¹**Note:** For 2.4GHz or 5GHz Products: Europe includes, Austria, Belgium, Bulgaria, Croatia, Czech Republic, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.



Ad-Hoc Operation (2.4 GHz band)

Ad-Hoc operation is limited to Channels 1-11 (2412-2462 MHz).

Frequency of Operation - IC

Industry Canada Statement:

Caution: The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-Channel mobile satellite systems. High power radars are allocated as primary users (meaning they have priority) of 5250-5350 MHz and 5650-5850 MHz and these radars could cause interference and/or damage to LE-LAN devices.

Avertissement: Le dispositif fonctionnant dans la bande 5150-5250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux. Les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Health and Safety Recommendations

Ergonomic Recommendations

Caution: In order to avoid or minimize the potential risk of ergonomic injury follow the recommendations below. Consult with your local Health & Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.

- Reduce or eliminate repetitive motion
- Maintain a natural position
- Reduce or eliminate excessive force
- Keep objects that are used frequently within easy reach
- Perform tasks at correct heights
- Reduce or eliminate vibration
- Reduce or eliminate direct pressure
- Provide adjustable workstations
- Provide adequate clearance
- Provide a suitable working environment
- Improve work procedures

Warnings for Use of Wireless Devices

Please observe all warning notices with regard to the usage of wireless devices.

Pacemakers

Pacemaker manufacturers recommended that a minimum of 15cm (6 inches) be maintained between a handheld wireless device and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with independent research and recommendations by Wireless Technology Research.

Persons with Pacemakers:

- Should ALWAYS keep the device more than 15cm (6 inches) from their pacemaker when turned ON.
- Should not carry the device in a breast pocket.
- Should use the ear furthest from the pacemaker to minimise the potential for interference.
- If you have any reason to suspect that interference is taking place, turn OFF your device.

Other Medical Devices

Please consult your physician or the manufacturer of the medical device, to determine if the operation of your wireless product may interfere with the medical device.

RF Exposure Guidelines

Safety Information

Reducing RF Exposure - Use Properly

Only operate the device in accordance with the instructions supplied.

International

The device complies with internationally recognized standards covering human exposure to electromagnetic fields from radio devices. For information on "International" human exposure to electromagnetic fields refer to the Symbol Declaration of Conformity (DoC) at: <http://www.zebra.com/doc>

For further information on the safety of RF energy from wireless devices - see <https://www.zebra.com/us/en/about-zebra/company-information/corporate-responsibility.html>

Located under Wireless Communications and Health.

Europe

Handheld Devices - This device was tested for hand-held and body-worn conditions.

To satisfy EU RF exposure requirements, the transmitting device must operate with a minimum separation distance of 1 cm or more from a person's body

US and Canada

Co-located Statement

To comply with FCC RF exposure compliance requirement, the antenna used for this transmitter must not be co-located or operating in conjunction with any other transmitter/antenna except those already approved in this filling.

Handheld Devices

This device was tested for hand-held and body-worn conditions.

To satisfy US and Canadian RF exposure requirements, the transmitting device must operate with a minimum separation distance of 1 cm or more from a person's body.

Pour satisfaire aux exigences Américaines et Canadiennes d'exposition aux radiofréquences, un dispositif de transmission doit fonctionner avec une distance de séparation minimale de 1 cm ou plus de corps d'une personne.

LED Devices

LED Compliance Statement:
Classified as "EXEMPT RISK GROUP" according to IEC 62471:2006 and EN 62471:2008.

Power Supply

For charge cradle, use ONLY an approved UL LISTED ITE (IEC/EN 60950-1, LPS/SELV) power supply with electrical ratings: Output 12Vdc, min 9A, with a maximum ambient temperature of at least 50°C. Use of alternative power supply will invalidate any approvals given to this unit and may be dangerous.

Batteries

Battery Information

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of batteries according to instructions.

Use only Symbol approved batteries. Accessories which have battery charging capability are approved for use with the following battery models: Symbol BT000018A01 (3.7 Vdc, 2725 mAh typical)

Symbol rechargeable battery packs are designed and constructed to the highest standards within the industry. However, there are limitations to how long a battery can operate or be stored before needing replacement. Many factors affect the actual life cycle of a battery pack, such as heat, cold, harsh environmental conditions and severe drops.

When batteries are stored over six (6) months, some irreversible deterioration in overall battery quality may occur. Store batteries at half of full charge in a dry, cool place, removed from the equipment to prevent loss of capacity, rusting of metallic parts and electrolyte leakage. When storing batteries for one year or longer, the charge level should be verified at least once a year and charged to half of full charge.

Replace the battery when a significant loss of run time is detected.

Standard warranty period for all Symbol batteries is one year, regardless if the battery was purchased separately or included as part of the mobile computer or bar code scanner. For more information on Symbol batteries, please visit: <http://www.zebra.com/batterybasics>.

Battery Safety Guidelines

- The area in which the units are charged should be clear of debris and combustible materials or chemicals. Particular care should be taken where the device is charged in a non commercial environment.
- Follow battery usage, storage, and charging guidelines found in the user's guide.
- Improper battery use may result in a fire, explosion, or other hazard.
- To charge the mobile device battery, the battery and charger temperatures must be between +32°F and +104°F (0°C and +40°C)
- Do not use incompatible batteries and chargers. Use of an incompatible battery or charger may present a risk of fire, explosion, leakage, or other hazard. If you have any questions about the compatibility of a battery or a charger, contact Symbol Global Customer support.
- Do not disassemble or open, crush, bend or deform, puncture, or shred.
- Severe impact from dropping any battery-operated device on a hard surface could cause the battery to overheat.
- Do not short circuit a battery or allow metallic or conductive objects to contact the battery terminals.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, or expose to fire, explosion, or other hazard.
- Do not leave or store the equipment in or near areas that might get very hot, such as in a parked

