

DCR7X00-100R
User Guide



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Warranty

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



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Introduction

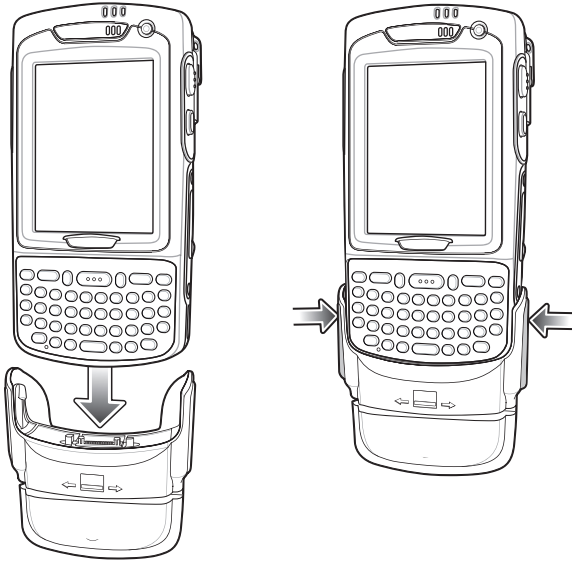
The DCR7X00-100R Debit Card Reader (DCR) snaps onto the bottom of the MC70/MC75 mobile computer to allow easy data capture with the swipe of a magnetic stripe card and personal identification number (PIN) entry using a numeric keypad. This guide describes how to install and use the DCR.

Getting Started

When using the DCR for the first time, charge the DCR in a cradle for a minimum of three hours.

Installation

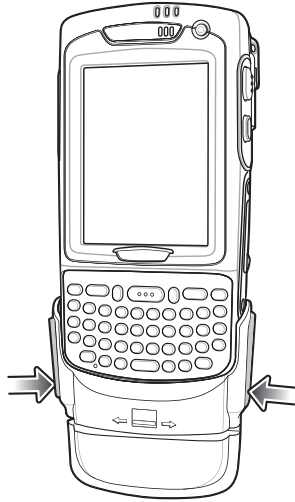
1. Align the DCR with the bottom of the MC70/75 and push up until the locking tabs snap into place.



2. Pull on the DCR to ensure it is securely connected to the MC70/75.

Removal

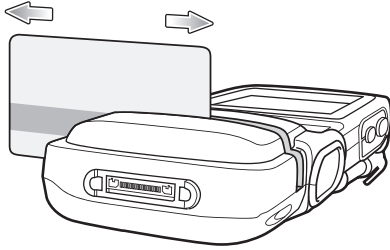
To remove the DCR from the MC70/75, push in the bottom of the two locking tabs and pull the DCR from the MC70/75.



Credit Card Transactions

Launch a transaction application on the MC70/75. In the application, select Credit Card transaction.

Swipe the credit card through the magnetic stripe reader (MSR) slot, orienting the magnetic stripe as shown. Data encoded on the credit card is captured and, depending on the application, may display in an application data field.

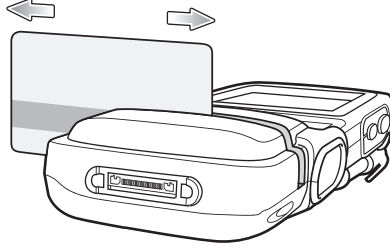


- ✓ **NOTE** Swipe the card in either direction, from left to right, or right to left. For best results, gently press down on the card while swiping to ensure contact with the bottom of the slot.

Debit Card Transactions

Launch a transaction application on the MC70/75. In the application, select Debit Card transaction.

Swipe the debit card through the MSR slot, orienting the magnetic stripe as shown. Data encoded on the debit card is captured and, depending on the application, may display in an application data field.



- ✓ **NOTE** Swipe the card in either direction, from left to right, or right to left. For best results, gently press down on the card while swiping to ensure contact with the bottom of the slot.

Turn the MC70/75 over and present the DCR keypad to the customer. The customer enters their PIN following the instructions on the DCR display.



Keypad

The back of the DCR contains a display and a numeric keypad for entering data.



Key	Description
Numeric 	Used to enter PIN.
Cancel 	Cancels the current transaction.
Clear 	Clears the entered data.
Enter 	Submits the entered data.

Display Messages

The follow messages may appear on the DCR display:

Message	Description
ENTER PIN	A PIN is required to complete the transaction.
PIN ERR	The entered PIN is not between 4 and 12 characters.
CANCELED	The transaction was cancelled by the user.
COMPLETE	The transaction was completed.
KEYCLEAR	The DCR was tampered with or the battery completely discharged. The DCR must have the key re-injected. See your system administrator.
BATT OK	Battery is significantly charged.
BATT LOW	Battery charge is low. Re-charge as soon as possible.
STAND BY	DCR is performing a firmware check. This occurs if it has been powered off for more than 24 hours.

Check the DCR Battery Level

When the DCR is not used for extended periods of time or in storage it must be charged periodically to maintain the battery charge. Zebra recommends charging the DCR once every three months.

If the display characters become dim and hard to read this is an indication that the DCR battery requires charging.

If the DCR battery fully discharges the debit function will be inoperable but the MSR will still function for credit card transactions. Return the DCR for service.

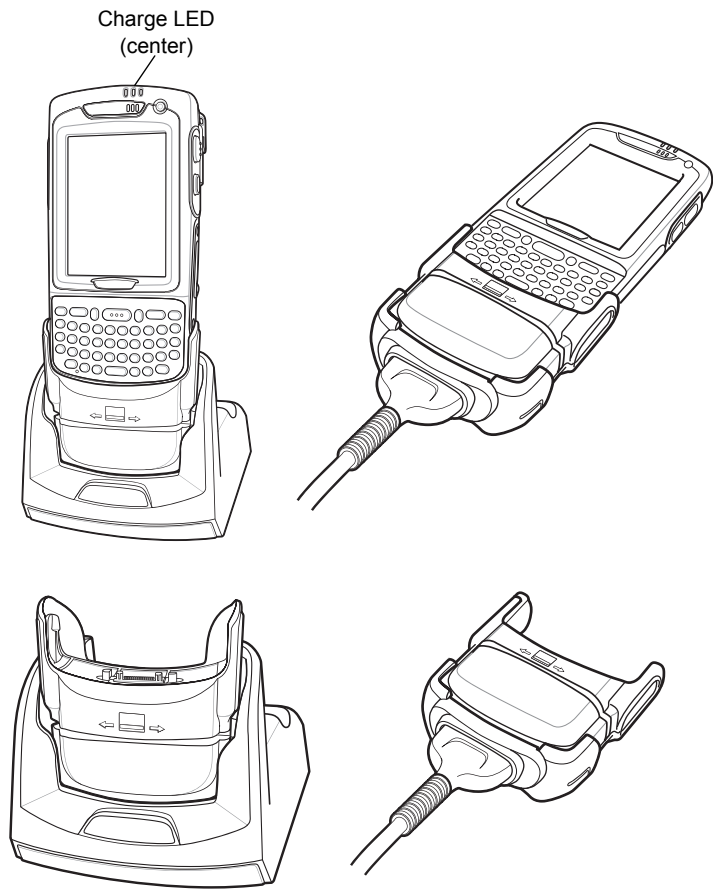
✓ **NOTE** While the DCR is being used in normal operation (application is accessing the DCR port), the DCR charges from the MC70/75.

To check the battery level:

- 1. Remove the DCR from the MC70/75.
- 2. Press and hold the **5** key until the battery status displays on the DCR display.
- **BATT OK** - Battery is significantly charged
- **BATT LOW** - Battery charge is low.

If **BATT LOW** displays, charge the DCR for approximately three hours.

To charge the DCR, place it onto an MC70/75 and then place both into a cradle or connect them to a charging cable. The MC70/75 Charging LED indicates that the DCR is charging. If the Charging LED is not flashing or on, reconnect the DCR and place back into the cradle or charging cable. The DCR can also be charged in the cradle or charging cable without being connected to an MC70/75 but there is no indication that the DCR is charging. Ensure that the DCR is seated properly and check periodically that the DCR has charged. Failure to do so can cause the DCR not to charge properly.



Charging the MC70/75

You can charge the MC70/75 while the DCR is attached. Place the MC70/75 with the DCR into a cradle to charge the MC70/75.

⚠ **NOTE** If you are going to replace the MC70/75 battery, remove the DCR from the MC70/75 before replacing the battery.

Key Injection

If the DCR was tampered with or the battery has completely discharged. “**KEYCLEAR**” displays on the DCR display. The key must be re-injected into the DCR. For key loading instructions see your system administrator or contact customer service.

Maintenance

There are no serviceable part in the DCR. Do not tamper with the device. If the DCR is opened the key will be cleared.

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 Zebra Support at: <http://www.zebra.com/support>.

For guides and software go to: <http://www.zebra.com/support>.

Regulatory Information

This guide applies to Model Number DCR7X00-100R.

All Zebra 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: <http://www.zebra.com/support>

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

For use only with Zebra approved and UL Listed mobile computers. Zebra approved and UL Listed accessories and/or Zebra approved and UL Listed/Recognized battery packs.

⚠ **CAUTION** Only use Zebra approved and UL Listed accessories, battery packs and battery chargers.


Do NOT attempt to charge damp/wet mobile computers or batteries. All components must be dry before connecting to an external power source.

Declared maximum operating temperature 50°C.

Power Supply

Use only an approved power supply output rated at 5.4 Vdc and minimum 3A. The power supply shall be Listed to UL/CSA 60950-1; and certified to IEC60950-1 and EN60950-1 with SELV outputs. Use of alternative power supply will invalidate any approval given to this device and may be dangerous.

Radio Frequency Interference Requirements-FCC

 Note: 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, 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 into 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.

Radio Frequency Interference Requirements – Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

⚠ Waste Electrical and Electronic Equipment (WEEE)

English: For EU Customers: All products at the end of their life must be returned to Zebra for recycling. For information on how to return product, please go to: <http://www.zebra.com/weee>.

Français: Clients de l'Union Européenne : Tous les produits en fin de cycle de vie doivent être retournés à Zebra pour recyclage. Pour de plus amples informations sur le retour de produits, consultez : <http://www.zebra.com/weee>.

Español: Para clientes en la Unión Europea: todos los productos deberán entregarse a Zebra al final de su ciclo de vida para que sean reciclados. Si desea más información sobre cómo devolver un producto, visite: <http://www.zebra.com/weee>.

Deutsch: Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Zebra zurückgesandt werden. Informationen zur Rücksendung von Produkten finden Sie unter <http://www.zebra.com/weee>.

Italiano: per i clienti dell'UE: tutti i prodotti che sono giunti al termine del rispettivo ciclo di vita devono essere restituiti a Zebra al fine di consentirne il riciclaggio. Per informazioni sulle modalità di restituzione, visitare il seguente sito Web: <http://www.zebra.com/weee>.

Português: Para clientes da UE: todos os produtos no fim de vida devem ser devolvidos à Zebra para reciclagem. Para obter informações sobre como devolver o produto, visite: <http://www.zebra.com/weee>.

Nederlands: Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Zebra te worden teruggezonden voor recycling. Raadpleeg <http://www.zebra.com/weee> voor meer informatie over het terugzenden van producten.

Polski: Klienci z obszaru Unii Europejskiej: Produkty wycofane z eksploatacji należy zwrócić do firmy Zebra w celu ich utylizacji. Informacje na temat zwrotu produktów znajdź się na stronie internetowej <http://www.zebra.com/weee>.

Čeština: Pro zákazníky z EU: Všechny produkty je nutné po skončení jejich životnosti vrátit společnosti Zebra k recyklaci. Informace o způsobu vrácení produktu najdete na webové stránce: <http://www.zebra.com/weee>.

Eesti: EL klientidele: kõik tooted tuleb nende eluea lõppedes tagastada taaskasutamise eesmärgil Zebra'ile. Lisainformatsiooni saamiseks toote tagastamise kohta külastage palun aadressi: <http://www.zebra.com/weee>.

Magyar: Az EU-ban vásárlóknak: Minden tönkrement terméket a Zebra vállalathoz kell eljuttatni újrahasznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókért látogasson el a <http://www.zebra.com/weee> weboldalra.

Slovenski: Za kupce v EU: vsi izdelki se morajo po poteku življenjske dobe vrniti podjetju Zebra za reciklažo. Za informacije o vračilu izdelka obiščite: <http://www.zebra.com/weee>.

Svenska: För kunder inom EU: Alla produkter som uppnått sin livslängd måste returneras till Zebra för återvinning. Information om hur du returnerar produkten finns på <http://www.zebra.com/weee>.

Suomi: Asiakkaat Euroopan unionin alueella: Kaikki tuotteet on palautettava kierrätettäväksi Zebra-yhtiöön, kun tuotetta ei enää käytetä. Lisätietoja tuotteen palauttamisesta on osoitteessa <http://www.zebra.com/weee>.

Dansk: Til kunder i EU: Alle produkter skal returneres til Zebra til recirkulering, når de er udtjent. Læs oplysningerne om returnering af produkter på: <http://www.zebra.com/weee>.

Ελληνικά: Για πελάτες στην Ε.Ε.: Όλα τα προϊόντα, στο τέλος της διάρκειας ζωής τους, πρέπει να επιστρέφονται στην Zebra για ανακύκλωση. Για περισσότερες πληροφορίες σχετικά με την επιστροφή ενός προϊόντος, επισκεφθείτε τη διεύθυνση <http://www.zebra.com/weee> στο Διαδίκτυο.

Malti: Għal klijenti fl-UE: il-prodotti kollha li jkunu waslu fl-aħħar tal-hajja ta' l-użu tagħhom, iridu jiġu rritornati għand Zebra għar-riċiklaġġ. Għal aktar tagħrif dwar kif għandek tirritorna l-prodott, jekk jogħġbok zur: <http://www.zebra.com/weee>.

Slovenski: Za kupce v EU: vsi izdelki se morajo po poteku življenjske dobe vrniti podjetju Zebra za reciklažo. Za informacije o vračilu izdelka obiščite: <http://www.zebra.com/weee>.

Slovenčina: Pre zákazníkov z krajín EU: Všetky výrobky musia byť po uplynutí doby ich životnosti vrátené spoločnosti Zebra na recykláciu. Bližšie informácie o vrátení výrobkov nájdete na: <http://www.zebra.com/weee>.

Lietuvių: ES vartotojams: visi gaminiai, pasibaigus jų eksploatacijos laikui, turi būti grąžinti utilizuoti į kompaniją „Zebra“. Daugiau informacijos, kaip grąžinti gaminį, rasite: <http://www.zebra.com/weee>.

Latviešu: ES klientiem: visi produkti pēc to kalpošanas mūža beigām ir jānogādā atpakaļ Zebra otrreizējai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Zebra, lūdzu, skatiet: <http://www.zebra.com/weee>.