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Warranty

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



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<http://www.zebra.com>

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72-122356-05 Revision A — March 2015

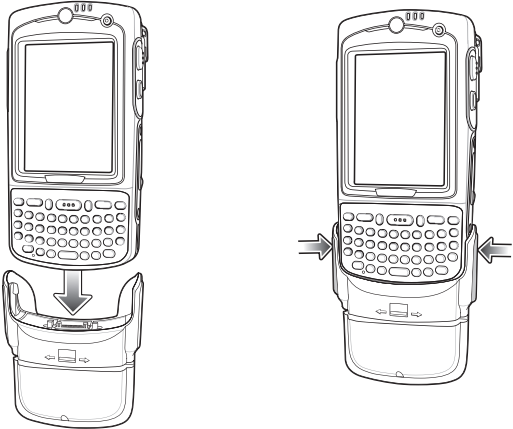
Introduction

The DCR7X00-200R Snap-on Mobile Payment Module with Chip and PIN smart card reader snaps onto the bottom of the MC70/MC75 mobile computer to allow easy data capture with magnetic stripe cards, EMV compliant Chip and PIN cards and personal identification number (PIN) entry using a numeric keypad. This guide describes how to install and use the module.

Installation

NOTE The module only functions when attached to the MC70/MC75.

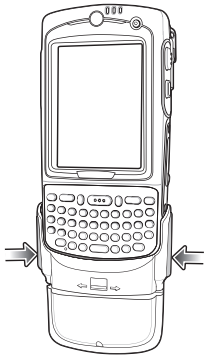
1. Align the module with the bottom of the MC70/75 and push up until the locking tabs snap into place.



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

Removal

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

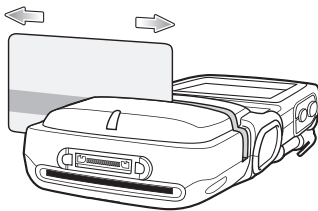


Credit Card Transactions

NOTE Credit Card transactions will function without an encryption key injected but will not function if a tamper event occurs.

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.



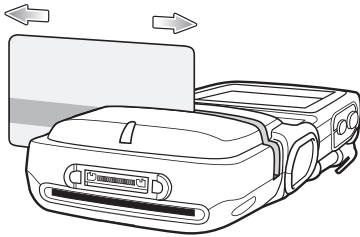
NOTE Swipe the card in either direction, from left to right, or right to left. For best results, gently press down on the card while swiping to ensure contact with the bottom of the slot.

Debit Card Transactions

NOTE Debit Card transactions will only function with an encryption key injected. It will not function if a tamper event occurs.

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 keypad to the customer. The customer enters their PIN following the instructions on the display.

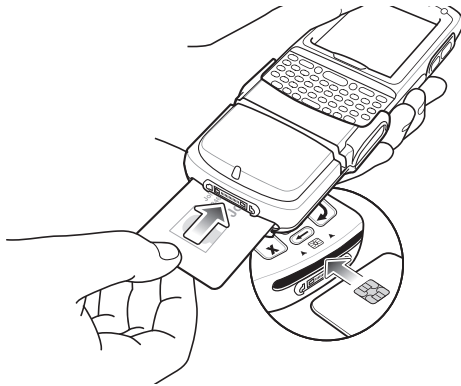


Chip and PIN Transactions

NOTE Chip and PIN transactions will function without an encryption key injected but will not function if a tamper event occurs.

Launch a transaction application on the MC70/75. In the application, select Chip and PIN transaction.

Customer inserts the Chip and Pin card into the slot, orienting the card with the contacts facing down and toward the DCR keypad.



Customer turns the MC70/75 over, and enters their PIN following the instructions on the display.

Customer removes the card when transaction is complete.

Keypad

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



Key	Description
Numeric 	Used to enter PIN.
Cancel (Red) 	Cancels the current transaction.
Clear (Yellow) 	Clears the entered data.
Enter (Green) 	Submits the entered data.

Display Messages

After connecting the module to the MC70/MC75 and an application opens the COM port, the following displays:



Line 1 indicates the model number and the firmware version. The firmware version displays after the model number. In this example the firmware version is 0.09.

Line 2 indicates the keyload state.

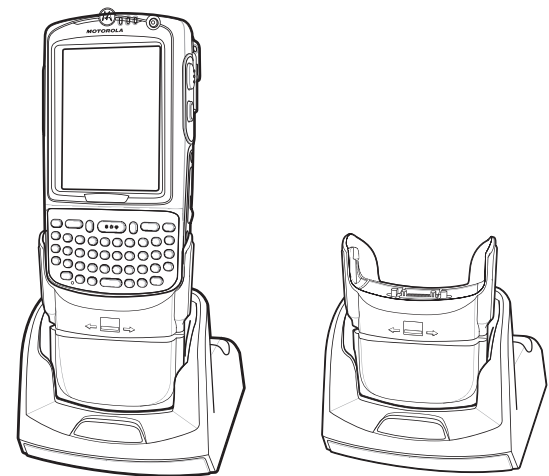
Display	Operating Status
Blank	Normal. Keys are loaded. Online keys are loaded. Offline and online transactions are available.
-	Normal. Online keys not loaded. Offline transactions are available.
*	Return to Zebra for service.

The follow messages may appear on the display:

Message	Description
Line 1: Line 2: Enter PIN	Instructs the user to enter their PIN.
Line 1: PIN Line 2: ENT to Accept	Displays "*" as PIN is entered and instructs the user to press enter key when done.

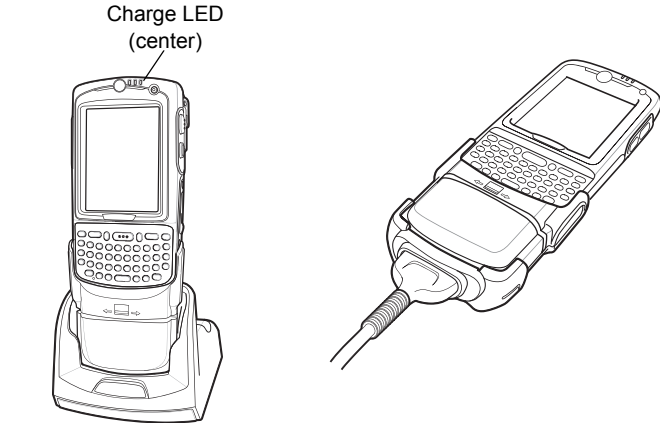
Internal Battery Maintenance

The device contains an internal battery that provides power to keep keyload code in memory. The internal battery will maintain data for at least four years from date of manufacture. Internal battery life can be extended by providing external power to the device. When the device is not in use, place it in a cradle or attached to an MC70/75 with the transaction application open.



Charging the MC70/75

You can charge the MC70/75 while the module is attached. Place the MC70/75 with the module into a cradle to charge the MC70/75. Ensure that the module is seated properly in the cradle or charging cable and that the MC70/75 is properly mounted on top of the module. Failure to do so can cause the MC70/75 to not charge properly. The MC70/75 Charging LED indicates that the MC70/75 is charging. If the Charging LED is not flashing or on, reconnect the module and place back into the cradle or charging cable.

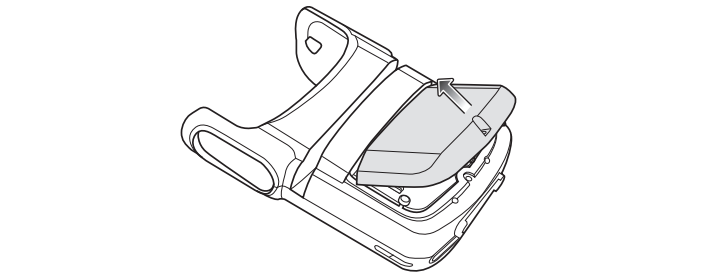


NOTE If you are going to replace the MC70/75 battery, remove the module from the MC70/75 before replacing the battery.

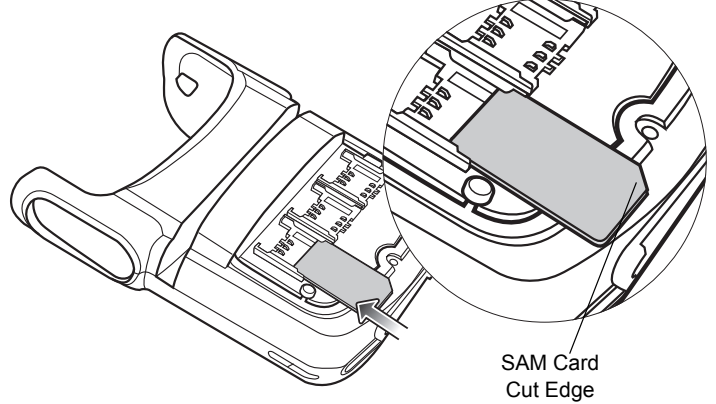
Installing Secure Access Modules (SAM Cards)

NOTE A Secure Access Module (SAM) card is not required for all applications. If the applications require a SAM card, use the procedures below to install into the module.

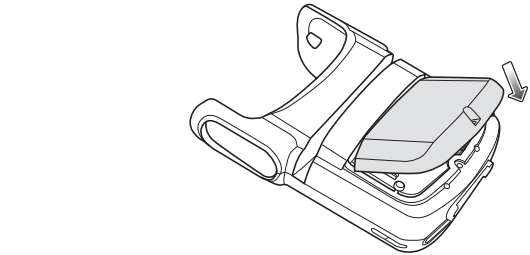
To install a SAM card, place the module on a solid surface with the keypad and LCD face-down. Remove screw securing the door to the module using a T7 Torx® screwdriver. Using your fingernail or other suitable device, pry up on the fingernail slot near the screw. Remove the door.



Insert up to three SAM cards into the appropriate SAM card slots. The contacts on the SAM card must be facing down with the cut edge as shown.



Align the tabs on the door with the slot in the module and close the door. Secure door to module with the screw removed earlier.



Troubleshooting

Symptom	Cause	Action
When connected to the MC70/75 the module's display is blank.	Transaction application not running.	On MC70/75, launch application.
	Application did not open COM port to module.	Ensure that application opens COM port prior to transaction.
	Tamper event has occurred.	Contact system administrator.
	Internal battery discharged.	Contact system administrator.

Maintenance

There are no user serviceable part in the module.

CAUTION Do not tamper with the module, it will be rendered non-operational.

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 DCR7X00-200R.

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 a Zebra 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.

Marking and European Economic Area (EEA) Statement of Compliance

Zebra hereby declares that this device is in compliance with all the applicable Directives, 2004/108/EC, 2006/95/EC and 2011/65/EU. A Declaration of Conformity may be obtained from <http://www.zebra.com/DOC>.

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>.
Bulgarian: За клиенти от ЕС: След края на полезния им живот всички продукти трябва да се връщат на Zebra за рециклиране. За информация относно връщането на продукти, моля отидете на адрес: <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 znajdują 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 tudnivalóért látogasson el a <http://www.zebra.com/weee> weboldalra.
Românesc: Pentru clienții din UE: Toate produsele, la sfârșitul duratei lor de funcționare, trebuie returnate la Zebra pentru reciclare. Pentru informații despre returnarea produsului, accesați: <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>.
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: Asiakkaita 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 jkun wasslu fl-aħħar tal-ħajja ta' l-użu tagħhom, iridu jiġu rritornati għand Zebra għar-riciklaġġ. Għal aktar tagħrif dwar kif għandek tirritorna l-prodott, jekk jogħġbok żur: <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 gaminių, rasite: <http://www.zebra.com/weee>.
Latviešu: ES klientiem: visi produkti pēc to kalpošanas mūža beigām ir jānogādā atpakaļ Zebra atreizējai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Zebra, lūdzu, skatiet: <http://www.zebra.com/weee>.
Türkçe: AB Müşterileri için: Kullanım süresi dolan tüm ürünler geri dönüştürme için Zebra'ya iade edilmelidir. Ürünlerin nasıl iade edileceği hakkında bilgi için lütfen şu adresi ziyaret edin: <http://www.zebra.com/weee>.