Introduction

This guide provides setup up instructions for the CRD5500-1000XR cradle for use with the MC55 and MC65. The CRD5500-1000XR cradle provides connection to a host computer using USB, a dial-up network using the modem or an Ethernet network. The CRD5500-1000XR contains:

- cradle
- Ethernet cable
- telephone cable.

Required Software

Download the *USB Modem Driver and Update Loader Image Keyboard Micro Firmware for MC55xx* package from the Zebra Support Central web site: http://www.zebra.com/support.

MC55 with OEM Version 01.27.0001 and Below

First ensure that the MC55 has Keyboard Firmware version 4.2 or higher. To determine the Keyboard Firmware version, tap **Start** > **Settings** > **System** > **System Info** icon > **HW Version** tab. If the **Kbd FW Ver:** is 4.1 or lower, install the Keyboard Firmware 4.2 upgrade.
Install the Micro USB Modem Driver software.
Following the instructions with the software package to install the software.

MC55 with OEM Version 01.35.001 and Above and MC65 with rev A OEM Version 21

Install the Micro USB Modem Driver software.
Following the instructions with the software package to install the software.

MC65 with A1 OEM Version 30.1 and Above
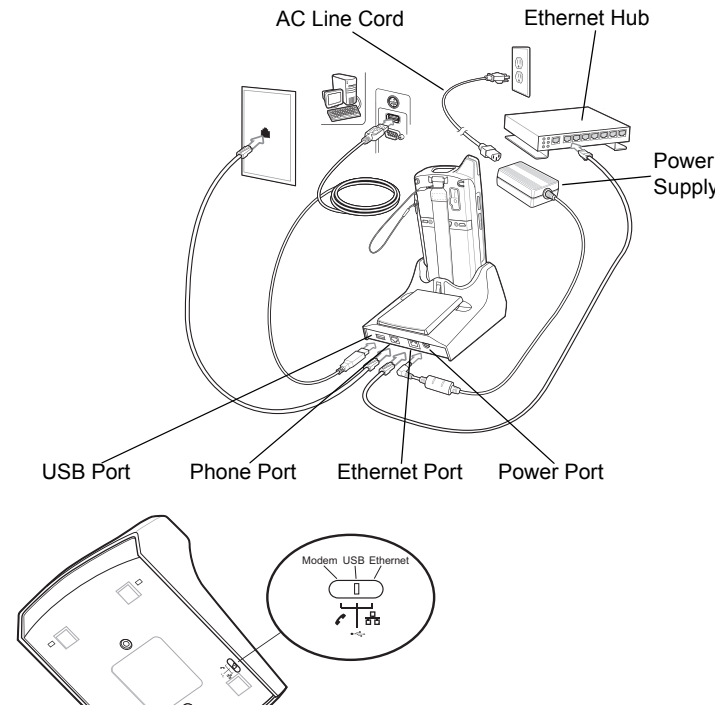
The Driver is included in the OEM version.

Country Settings

The modem defaults to operation with US telephone networks. To operate the modem with other country telephone networks, it must be configured using an application on the MC55/MC65. Download the *Cradle Modem Country Configurator Application Software for MC55xx* package from the Zebra Support Central web site: http://www.zebra.com/support.
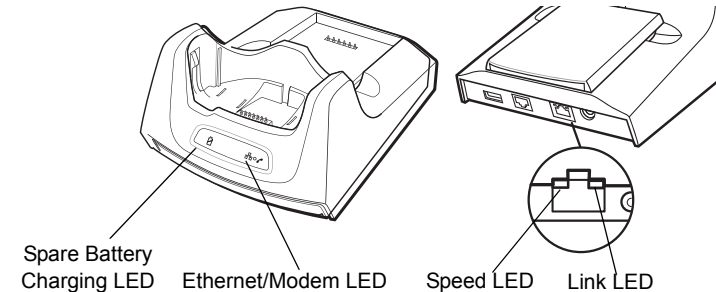

Following the instructions with the software package to install the application on the MC55/MC65.
The application includes country selections for all supported countries and automatically programs the modem and adjust its operating parameters to comply with the telephone network in the selected country.

Connection Setup

AC Line Cord
Ethernet Hub
Spare Battery Charging LED
Ethernet/Modem LED
Speed LED
Link LED
Power Supply
USB Port
Phone Port
Ethernet Port
Power Port
Modem USB Ethernet

Indicators

Spare Battery Charging LED
Ethernet/Modem LED
Speed LED
Link LED

Spare Battery Charging LED

This LED indicates the charging status of the spare battery.

Ethernet/Modem LED

This LED blink whenever Ethernet or modem connectivity is established.

Speed LED

The cradle's green Speed LED lights to indicate that the transfer rate is 100 Mbps. When it is not lit it indicates that the transfer rate is 10Mbps.

Link LED

The cradle's yellow Link LED blinks to indicate activity, or stays lit to indicate that a link is established. When it is not lit it indicates there is no link.

MC55/MC65 Software Setup

Ethernet Setup

Tap **Start** > **Settings** > **Connections** tab > **Wi-Fi** icon.
Select **Work** from the drop-down menu.
Select **USB/Ethernet Series Adapter** from the list box.
Tap **Ok**.

Tap **Start** > **Settings** > **Connections** tab > **Connections** icon.
Tap **Advanced** tab.
Tap **Select Networks** button.
Select **My Work Network** from both drop-down menus.
Tap **Ok**.
Tap the **Tasks** tab.
Select **Edit my proxy server**.
Enable both checkboxes.
Tap **Advanced...** button.
Tap **HTTP** type.
In the **Server** text box, enter the proxy server name.
In the **Port** text box, enter the port number.
In the **User name** text box, enter the user name for the proxy server.
In the **Password** text box, enter the password for the proxy server.
Tap **ok** three times.
Perform a warm boot.

Modem Setup

Tap **Start** > **Settings** > **Connections** tab > **Connections** icon.
Tap **Add a new modem connection**.
In the **Enter a name for the connection** text box, enter a name for the connection.
In the **Select a modem** drop-down list, select Modem Cradle on USB.
Tap **Next**.
In the text box, enter the phone number to dial.
Tap **Next**.
In the **User name** text box, enter the user name, if required.
In the **Password** text box, enter the password, if required.
Tap **Finish**.
To test the connection, tap **Start** > **Programs** > **Internet Explorer**. Enter a web address.

Operation

✓ **NOTE** The CRD5500-1000XR does not support hot swapping between operational modes. After moving the switch into a different position, remove the MC55 from the cradle and then re-insert into the cradle.

Ethernet Connection

Place the Connection switch on the bottom of the cradle to the Ethernet position.
Place the MC55/MC65 into the cradle.
To test the connection, tap **Start** > **Programs** > **Internet Explorer**. Enter a web address.

Modem Connection

Place the Connection switch on the bottom of the cradle to the Modem position.
Place the MC55/MC65 into the cradle.
The MC55 dials the phone number and connects to the web site.

Regulatory Information

This guide applies to Model Number CRD5500-1000XR.
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.

Power Supply

Use only an approved power supply output rated at _12_Vdc and minimum _3.33_A. 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

FC Tested to comply with FCC Standards FOR HOME OR OFFICE USE

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.

TURKISH WEEE Statement of Compliance for All devices

EEE Yönetmeliğine Uygundur Complies with EEE

Telecom Approval Warnings and Notices

Connecting to the Telephone Network

A compliant telephone lead is required with RJ11 plug (line is on middle pair) for connection to modem, terminated with an appropriate and correctly wired local telecom

Zebra reserves the right to make changes to any product to improve reliability, function, or design.

Zebra does not assume any product liability arising out of, or in connection with, the application or use of any product, circuit, or application described herein.

No license is granted, either expressly or by implication, estoppel, or otherwise under any patent right or patent, covering or relating to any combination, system, apparatus, machine, material, method, or process in which Zebra products might be used. An implied license exists only for equipment, circuits, and subsystems contained in Zebra products.

Warranty

For the complete Zebra 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 Zebra Support at: http://www.zebra.com/support.

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connector compatible with the telephone network. Such a cable may be sourced from your local supplier. Alternatively, compliant RJ11 plug to RJ11 plug cables may be used with a range of adapters for places such as Europe.
CAUTION: To reduce risk of fire, use only No. 26 AWG or larger telecommunication line cord.
User and Service Access – No user service is intended and no part of the modem, other than the line connection plug, is accessible to users.

United States

Note: Due to a change in Regulations, different text is required for products FCC certified prior to July 23 2001 and newly approved products going forward under ACTA.
New Products (followed by "Common to both existing and New Products" below)
Where this device includes a Zebra internal modem, this equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. A Supplier's Declaration of Conformity for the modem type may be obtained from http:// www.zebra.com/doc. On the exterior of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3).
The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.
This equipment must be connected to the telephone network or premises wiring using a compatible modular jack (RJ11C) compliant with the applicable FCC Part 68 rules and requirements adopted by ACTA. A compliant telephone cord and modular plug must be used.
This equipment must not be used on party lines.
If your premises has specially wired alarm equipment connected to the telephone line, ensure the installation of this modem does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.
Should you experience trouble with this equipment, please contact your facility's Technical or Systems Support first who will contact your nearest Zebra Customer Service Center. If necessary, the Zebra Support Centre may be contacted at: 1-800-653-5350 If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

If the modem causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the modem. If this happens the telephone company will provide advance notice so you may make any necessary modifications to maintain uninterrupted service.

Canada

This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation "IC:" before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.
The Ringer Equivalence Number (REN) for this terminal equipment is 0.2 The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

The European Economic Area (EEA)

Statement of Compliance for Modems

Zebra hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directives 2004/108/EC, 2006/95/EC and 2011/65/EU.
Declaration of Conformities may be obtained from http://www.zebra.com/doc
The modem is designed to interwork with the Public Switched Telephone Networks within the EEA and listed on the Declaration of Conformity.

☒ 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 nale¿y zwróciæ do firmy Zebra w celu ich utylizacji. Informacje na temat zwrotu produktów znajduj¹ siê na stronie internetowej http://www.zebra.com/weee.
Čeština: Pro zákazníky z EU: Všechny produkty je nutné po skonèení jejich životnosti vrátit spoleènosti Zebra k recyklaci. Informace o zpùsobu 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 vraèilu izdelka obišèite: 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 palauttamiseste 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: Γıα πελάτες στηv Ε.Ε.: Όλα τα προϊόvτα, στο τέλoς της διάρκεıας ζωής τoυς, πρέπει vα επıστρέφovταı στηv Zebra γıα αvακύκλωση. Γıα περıσσότερες πληρoφoρίες σχετıκά με τηv επıστρoφή εvός πρoϊόvτoς, επıσκεφθείτε τη δıεύθυvση http://www.zebra.com/weee στo Δıαδίκτυo.
Malti: Għal klijenti fl-UE: il-prodotti kollha li jkunu waslu fi-aħħar tal-ħajja ta' l-użu tagħhom, iridu jiġu rritornati għand Zebra għar-riċiklaġġ. 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 vraèilu izdelka obišèite: 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.
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.

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USER GUIDE