



ZEBRA MC3300 Handheld Mobile Computer User Guide

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ZEBRA MC3300 Handheld Mobile Computer



Product Specifications

- Model: MC3300 / MC3300X / MC3300AX
- Revised: August 2024

Product Usage Instructions

Single-Slot Cradles

Single-slot charge / USB cradle

This cradle is designed for charging one MC3300 / MC3300X / MC3300AX device and its spare battery.

- Charges standard capacity battery (5200mAh) in about 3.5 hours and extended-capacity battery (7000mAh) in 4.5 hours.
- Components: DC-388A1-01, micro-USB cable SKU# 25-124330-01R, country-specific three-wire AC cable.

Single-slot charge / USB cradle kit

This kit includes a single-slot USB cradle for charging one device and its spare battery.

- Similar charging times as the single-slot cradle.
- Components: DC-388A1-01, micro-USB cable SKU# 25-124330-01R, three-wire AC cable.

Multi-Slot Cradles

Five-Slot charger cradle

A five-slot charge-only cradle that can charge up to five devices simultaneously.

- Components: CBL-DC-381A1-01, mounting accessory SKU# BRKT-SCRD-SMRK-01, country-specific AC cable.

Four-Slot charger cradle with spare battery charging

A four-slot charge-only cradle for devices and their spare batteries.

- Charges batteries in about 3.5 to 4.5 hours based on capacity.
- Components: CBL-DC-381A1-01, mounting accessory SKU# BRKT-SCRD-SMRK-01, country-specific AC cable.

Five-Slot Ethernet charger cradle

A five-slot charge/Ethernet cradle offering network speeds of up to 1 Gbps.

- Components: CBL-DC-381A1-01, mounting accessory SKU# BRKT-SCRD-SMRK-01, country-specific AC cable.

Frequently Asked Questions (FAQ)

- **Q: Can I use the cradles to charge other devices?**

A: The cradles are specifically designed for charging MC3300 series devices and their batteries. Using them with other devices may not be compatible or recommended.

- **Q: How can I determine the appropriate charging time for my device's battery?**

A: The charging times mentioned in the manual are based on the standard and extended capacity batteries. Refer to the specifications of your device's battery for more accurate charging times.

Accessories that power devices

Single-slot cradles

Single-slot charge / USB cradle

SKU# CRD-MC33-2SUCHG-01

Single-slot USB cradle for charging one MC3300 / MC3300x / MC3300ax device and its spare battery.

- Allows USB communication to the device with an additional micro-USB cable.
- Supports fast-charging for the MC3300 / MC3300x / MC3300ax device and its high-capacity battery (5200mAh) in about 3.5 hours, and the extended-capacity battery (7000mAh) in 4.5 hours.
- LED notification of spare battery charging status.
- Sold separately: Power Supply SKU# PWR-BGA12V50W0WW, DC cable SKU# CBL-DC-388A1-01, micro-USB cable SKU# 25-124330-01R, and country-specific three-wire AC cable (listed later in this document).



Single-slot charge / USB cradle kit

SKU# KT-CRD-MC33-2SUCHG-01

Single-slot USB cradle kit for charging one MC3300 / MC3300x / MC3300ax device and its spare battery.

- Allows USB communication to the device with an additional micro-USB cable.
- Supports fast-charging for the MC3300 / MC3300x / MC3300ax device and its high-capacity battery (5200mAh) in about 3.5 hours, and the extended-capacity battery (7000mAh) in 4.5 hours.
- LED notification of spare battery charging status.
- Includes: Power Supply SKU# PWR-BGA12V50W0WW, DC cable SKU# CBL-DC-388A1-01
- Sold separately: Micro-USB Cable SKU# 25-124330-01R, and country-specific three-wire AC cable (listed later in this document).



Multi-slot cradles

Five-Slot charger cradle

SKU# CRD-MC33-5SCHG-01

Five-slot charge-only cradle, charges up to five MC3300 / MC3300x / MC3300ax devices.

- Mounting options for standard 19-inch rack systems using mounting accessory SKU# BRKT-SCRD-SMRK-01.
- Sold separately: Power Supply SKU# PWR-BGA12V108W0WW, DC cable SKU# CBL-DC-381A1-01, mounting

accessory SKU# BRKT-SCRD-SMRK-01, and country-specific AC cable (listed later in this document).



Four-Slot charger cradle with spare battery charging

SKU# CRD-MC33-4SC4BC-01

Four-slot charge-only cradle for MC3300 / MC3300x / MC3300ax devices and their four spare batteries.

- Supports fast-charging for the MC3300 / MC3300x / MC3300ax device and its high-capacity battery (5200mAh) in about 3.5 hours, and the extended-capacity battery (7000mAh) in 4.5 hours.
- Mounting options for standard 19-inch rack systems using mounting accessory SKU# BRKT-SCRD-SMRK-01.
- Sold separately: Power Supply SKU# PWR-BGA12V108W0WW, DC cable SKU# CBL-DC-381A1-01, mounting accessory SKU# BRKT-SCRD-SMRK-01, and country-specific AC cable (listed later in this document).



Five-Slot Ethernet charger cradle

SKU# CRD-MC33-5SETH-01

Five-slot charge / Ethernet cradle for up to five MC3300 / MC3300x / MC3300ax devices with network speeds of up to 1 Gbps.

- Mounting options for standard 19-inch rack systems using mounting accessory SKU# BRKT-SCRD-SMRK-01.
- Sold separately: Power Supply SKU# PWR-BGA12V108W0WW, DC cable SKU# CBL-DC-381A1-01, mounting accessory SKU# BRKT-SCRD-SMRK-01, and country-specific AC cable (listed later in this document).



Five-Slot Ethernet charger cradle with spare battery charging

SKU# CRD-MC33-4SE4BC-01

Four-slot charge-only cradle for MC3300 / MC3300x / MC3300ax devices and their four spare batteries with network speeds of up to 1 Gbps.

- Supports fast-charging for the MC3300 / MC3300x / MC3300ax device and its high-capacity battery (5200mAh) in about 3.5 hours, and the extended-capacity battery (7000mAh) in 4.5 hours.

- Mounting options for standard 19-inch rack systems using mounting accessory SKU# BRKT-SCRD-SMRK-01.
- Sold separately: Power Supply SKU# PWR-BGA12V108W0WW, DC cable SKU# CBL-DC-381A1-01, mounting accessory SKU# BRKT-SCRD-SMRK-01, and country-specific AC cable (listed later in this document).



Adapter Cup

Adapter charge-only cradle cup for legacy cradles

SKU# ADP-MC33-CRDCUP-01

MC3300 / MC3300x / MC3300ax adapter charge-only cradle cup for MC30 / MC31 / MC32 legacy cradles.

- Charges standard rate from 0-90% in about 3 hours.
- One cup is required per slot in a cradle.



Spare Li-ion batteries

High-capacity battery with PowerPrecision Plus

SKU# BTRY-MC33-52MA-01

5,200 mAh high-capacity battery with PowerPrecision Plus.

- Premium-grade battery cells with longer lifecycle.
- Obtain advanced battery state-of-health and state-of-charge information including charge level and battery age based on usage patterns.
- Designed to meet rigorous controls, standards and help prevent overcharging.
- Also available as a 10-pack — 10 batteries— SKU# BTRY-MC33-52MA-10.
- Also available in India – PowerPrecision+ Lithium-Ion battery pack, 5200mAh, provides advanced State of Charge and State of Health – SKU# BTRY-MC33-52MA-IN



Extended-capacity battery with PowerPrecision Plus

SKU# BTRY-MC33-70MA-01

7,000 mAh extended-capacity battery with PowerPrecision Plus.

- Premium-grade battery cells with longer lifecycle.
- Obtain advanced battery state of health information including charge level and battery age based on usage patterns.
- Designed to meet rigorous controls, standards and help prevent overcharging.
- Also available as a 10-pack — 10 batteries— SKU# BTRY-MC33-70MA-10.
- Also available in India – PowerPrecision+ Lithium-Ion battery pack, 7000mAh, provides advanced State of Charge and State of Health, supports fast-charge. –SKU# BTRY-MC33-70MA-IN



Bluetooth enabled extended-capacity battery with PowerPrecision Plus

SKU# BTRY-MC33-7BLE-01

7,000 mAh Bluetooth extended-capacity battery with PowerPrecision Plus.

- Premium-grade battery cells with longer lifecycle.
- Obtain advanced battery state of health information including charge level and battery age based on usage patterns.
- Designed to meet rigorous controls, standards and help prevent overcharging.
- BLE beacon allows device with this battery to be located even if powered off using Zebra Device Tracker.
- Sold separately: Zebra Device Tracker licenses for either 1-year SKU# SW-BLE-DT-SP-1YR or 3-years SKU# SW-BLE-DT-SP-3YR.

- The secondary BLE beaconing functionality is only supported through MC3300x, MC3300ax devices.
- Also available as a 10-pack — 10 batteries— SKU# BTRY-MC33-7BLE-10.
- Also available in India – PowerPrecision+ Lithium-Ion battery pack, 7000mAh, with Secondary BLE Beacon. – SKU# BTRY-MC33-7BLE-IN.



Spare battery chargers

Four-slot spare battery charger

SKU# SAC-MC33-4SCHG-01

Spare battery charger to charge any four MC32xx ; MC3300 / MC3300x / MC3300ax spare batteries.

- Supports fast-charging for the standard battery from 0-90% in about 2 hours, the high-capacity battery in about 3.5 hours, and the extended-capacity battery in 4.5 hours.
- Mounting options for standard 19-inch rack systems using mounting accessory SKU# BRKT-SCRD-SMRK-01 for four chargers or could be used standalone.
- Sold separately: : Power Supply SKU# PWR-BGA12V50W0WW, DC cable SKU# CBL-DC-388A1-01, and country-specific AC cable (listed later in this document).



20-slot spare battery charger

SKU# SAC-MC33-20SCHG-01

Spare battery charger to charge any 20 MC32xx ; MC3300 / MC3300x / MC3300ax spare batteries.

- Supports standard-charging for the standard battery from 0-90% in about 3 hours, the high-capacity battery in about 5.5 hours, and the extended-capacity battery in 4.5 hours.
- Mounting options for standard 19-inch rack systems using mounting accessory SKU# BRKT-SCRD-SMRK-01.
- Sold separately: Power Supply SKU# PWR-BGA12V108W0WW, DC cable SKU# CBL-DC-381A1-01, mounting accessory SKU# BRKT-SCRD-SMRK-01, and country-specific AC cable (listed later in this document).



Additional Charging Accessories

Cigarette lighter adapter plug

SKU# CHG-AUTO-USB1-01

USB cigarette lighter adapter plug.

- Used with USB communication / charging cable adapter SKU# CBL-MC33-USBCHG-01 to charge in-vehicle.
- Includes two USB Type A ports providing higher current (5V, 2.5A) for faster charging.
- Sold separately: USB communication / charging cable adapter SKU# CBL-MC33-USBCHG-01



USB communication / charging cable

SKU# CBL-MC33-USBCHG-01

USB charge / communications cable adapter.

- USB cable provides both USB communications and charging support with a USB-C connector.
- The cable length is 60 inches.
- Requires: Country-specific USB Power Supply (listed later in this document) for indoor use and USB cigarette lighter adapter SKU# CHG-AUTO-USB1-01 for in-vehicle use.



USB communication / charging cable

SKU# CBL-MC33-USBCHG-02

USB charge / communications cable adapter.

- USB cable provides both USB communications and charging support with a USB-C connector.
- The cable length is 36 inches.
- Requires: : Country-specific USB Power Supply (listed later in this document) for indoor use and USB cigarette lighter adapter SKU# CHG-AUTO-USB1-01 for in-vehicle use.



Micro-USB to USB-A cable

SKU# 25-124330-01R

Micro-USB to USB-A active-sync cable allows for active-sync cable.

- To use with single-slot communication cradles.
- The cable length is 48 inches.














Power supply, cables, and adaptors

Power supply, cables, and adaptors





SKU#	Description	Note
PWR-BGA12V108W0 WW	Level VI AC/DC power supply brick. AC Input: 100–240V, 2.8A. DC Output: 12V, 9A, 108W.	Sold separately: DC line cord SKU# CBL-DC-38 2A1- 01 and country-specific AC line cord.

PWR-BGA12V50W0W	Level VI AC/DC power supply brick. AC Input: 100-240V, 2.4A. DC Output: 12V, 4.16A, 50W.	Sold separately: DC line cord SKU# CBL-DC-382A1-01 and country-specific AC line cord.
KIT-PWR-12V50W	Power supply kit for single-slot cradle including Power Supply SKU# PWR-BGA12V50W0WW and DC line cord SKU# CBL-DC-388A1-01.	Sold separately: Country-specific AC line cord.
CBL-DC-381A1-01	DC line cord for running multi-slot cradles from a single Level VI power supply.	
CBL-DC-388A1-01	DC line cord for running single-slot cradles or battery chargers from a single Level VI power supply SKU# PWR-BGA12V108W0WW.	
CBL-DC-382A1-01	DC line cord for running five-slot cradles when using Level VI Efficiency power supply SKU# PWR-BGA12V108W0WW. Includes black extension tab for releasing the cable.	
CBL-DC-523A1-01	DC Y-line cord for running two spare battery chargers to a single Level VI power supply SKU# PWR-BGA12V108W0WW.	
CBL-HS2100-QDC1-02	HS2100 quick disconnect cable to connect HS2100 to devices, 33 inches.	
25-124422-03R	Headset adapter cable to connect HS2100, RCH50, BlueParrot Voxware, and Eartec headsets to MC31 / MC32 / MC33 devices.	
CBL-MC33-USBCOM-01	Cable toggles MC33 into USB OTG mode allowing connections to USB accessories like keyboards, USB thumb drives, etc. Provides USB-A female connector.	
PWR-WUA5V12W0XX	USB type A power supply adaptor (wall wart). Replace 'XX' in SKU as follows to get the right plug style based on region: US (United States) • GB (United Kingdom) • EU (European Union) AU (Australia) • CN (China) • IN (India) • KR (Korea) • BR (Brazil)	Level VI power supply wall adapter with input voltage ranging from 100-240 volts AC, output of 5V, and maximum current of 2.5A.

Country-specific AC line cords: grounded, 3-prong

SKU#	Country / region	Note	
23844-00-00R	North America (United States, Canada, Mexico)	7.5 feet long Commonly used with chargers mounted in server racks	
50-16000-217R	American Samoa, Australia, New Guinea	1.9 meters (6.2 feet) long	
50-16000-218R	Japan	1.8 meters (6 feet) long	
50-16000-219R	Antigua, Bermuda, Burma, Channel Islands, Hong Kong, Iraq, Ireland, Malaysia, North Ireland, Scotland, Singapore, United Kingdom, Wales	1.8 meters (6 feet) long	
50-16000-220R	Europe, Abu Dhabi, Bolivia, Dubai, Egypt, Iran, Korea, Russia, Vietnam	1.8 meters (6 feet) long	
50-16000-256R	Korea	1.8 meters (6 feet) long	
50-16000-257R	China	1.8 meters (6 feet) long	
50-16000-669R	India, S. Africa, Africa	1.9 meters (6 feet) long	
50-16000-671R	Italy	1.8 meters (6 feet) long	
50-16000-672R	Israel	1.9 meters (6.2 feet) long	
50-16000-727R	Brazil	1.9 meters (6.2 feet) long	

Country-specific AC line cords: ungrounded, 2-prong

SKU#	Country / region	Note	
50-16000-182R	United States	Type A NEMA 1-15 plug	
50-16000-255R	Europe, Abu Dhabi, Bolivia, Dubai, Egypt, Iran, Korea, Russia, Vietnam.	Type C CEE7/16 plug	
50-16000-670R	Bermuda, England, Hong Kong, Iraq, Ireland, Malaysia, North Ireland, Scotland, Singapore, United Kingdom, Wales		
25-124330-01R	Cradle to USB cable Single slot cradle to PC/host USB cable. <ul style="list-style-type: none"> Used with single-slot cradle. Micro-USB connection on cradle end 		

Accessories that enable productivity solutions

Styluses

Fiber tipped stylus

SKU# SG-STYLUS-TCX-MTL-03

Set of three fiber tipped stylus.

- Heavy-duty and made from stainless steel / brass. No plastic parts — real pen feel. Can be used in rain.
- Micro-knit, hybrid-mesh, fiber tip provides silent, smooth gliding use. 5" length.
- Big improvement over rubber tipped or plastic tipped stylus.
- Compatible with all capacitive touch screen devices.
- Tether to device or hand strap using SKU# SG-TC5NGTC7NG-TETHR-03.

**Capacitive stylus**

SKU# SG-TC7X-STYLUS1-03

Set of three capacitive styluses optimized for enterprise durability.

- Made of conductive carbon-filled plastic material with 5mm tip. 3.5" length.
- Can be stored in loop of hand strap or holster.
- Also available as a 50-pack — 50 styluses— SKU# SG-TC7X-STYLUS-50.

**Capacitive stylus with coiled tether**

SKU# SG-TC7X-STYLUS-03

Set of three capacitive styluses with coiled tether.

- Includes: Capacitive stylus SKU# SG-TC7X-STYLUS-03 and coiled tether SKU# KT-TC7X-TETHR1-03.
- Also available as a 6-pack — 6 styluses and 6 coiled tethers— SKU# SG-TC7X-STYLUS-06.

**Trigger handle**

Trigger handle for MC33 straight shooter

SKU# SG-TC7X-STYLUS-03

Trigger handle for MC33 straight-shooter.

- Configures straight-shooter to be used as a gun handle device and trigger handle mechanically presses the left trigger button on the MC33 when trigger handle is pulled.

**Mounting and Headsets****Un-powered forklift mount**

SKU# MNT-MC33-FLCH-01

Allows installing the device on a roll bar or square surface of a forklift.

- Sold separately: RAM double socket arm for 1-inch ball SKU# MNT-RAM-B201U, RAM forklift clamp 2.5-inch max width square rail base with 1-inch ball SKU# MNT-RAM-B247U25.



RAM mount arm

SKU# MNT-RAM-B201U

RAM double socket arm for 1-inch ball.

- Used with un-powered forklift mount SKU# MNT-MC33-FLCH-01
- Uses RAM mount P/N SKU# RAM-B-201U



RAM mount base

SKU# MNT-RAM-B247U25

RAM forklift clamp 2.5-inch max width square rail base with 1 inch ball

- Used with un-powered forklift mount SKU# MNT-MC33-FLCH-01 and attaches to square shaped post of forklift.
- Uses RAM mount P/N SKU# RAM-B-201U



Rack mounting for space optimization

SKU# BRKT-SCRD-SMRK-01

Rack / wall mounting bracket, allows to install the 16-slot battery charger or up to four 4-slot battery chargers on a wall or a 19" server rack.



Rugged wired headset with over-the-head headband

SKU# HS3100-OTH

HS3100 Rugged Bluetooth headset with over-the-head headband. Included HS3100 boom module and HSX100 OTH headband module



Rugged wired headset with behind-the-neck headband (left).

SKU# HS3100-BTN-L

HS3100 Rugged Bluetooth headset with behind-the-neck headband (left).

Accessories that protect devices

Rubber boots

Rubber boot for MC33 brick unit

SKU# SG-MC33-RBTS-01

Rubber boot for MC33 brick units.

- Compatible with fabric holsters
- Boot must be removed before inserting into cradles.



Rubber boot for MC33 turret head scanner unit

SKU# SG-MC33-RBTRD-01

Rubber boot for MC33 turret head scanner.

- Compatible with fabric holsters
- Boot must be removed before inserting into cradles.



Rubber boot for MC33 gun unit

SKU# SG-MC33-RBTG-01

Rubber boot for MC33 with or without laser and imager gun units.

- Compatible with fabric holsters.
- Boot must be removed before inserting into cradles.



Rubber boot for MC33 series RFID unit

SKU# SG-MC33-RBTG-02

Rubber boot only for MC33 series RFID unit.

- Includes holder for optional stylus (stylus not included) and tether point for stylus tether.
- Compatible with fabric holsters
- Boot must be removed before inserting into cradles.



Half rubber boot for MC33 series RFID unit

SKU# SG-MC33-RBTG-03

Half rubber boot only for MC33 series RFID unit.

- Includes holder for optional stylus (stylus not included) and tether point for stylus tether.
- Compatible with fabric holsters
- Boot must be removed before inserting into cradles.



Fabric holsters, and other accessories

Rigid holster

SKU# SG-MC33-RDHLST-01

Rigid holster, secures to a belt.

- Not compatible with MC33 RFID units or devices with rubber boot.



Fabric holster

SKU# SG-MC3X-SHLSTB-01

Fabric holster, secures to a belt or a shoulder strap for brick / straight-shooter or rotating head configurations.

- Compatible with devices with or without rubber boot.
- Includes: Shoulder strap SKU# 58-40000-007R.



Fabric holster for gun configuration

SKU# SG-MC3021212-01R

Fabric holster for gun configurations, secures to a belt or a shoulder strap. Allows to carry the gun device on the hip or cross-body.

- Compatible with devices with or without rubber boot.
- Sold separately: Shoulder strap SKU# 58-40000-007R or belt SKU# 11-08062-02R.

**Replacement buckle for lanyard**

SKU# SG-MC33-LNYBK-01

Replacement buckle for lanyard.

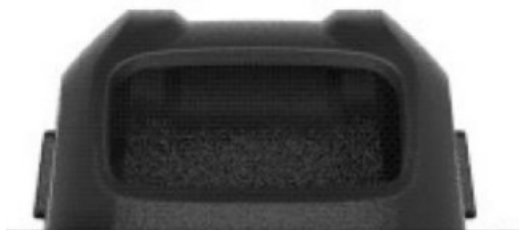
- Used with lanyard SKU# SG-MC33-LNYDB-01.

**Protective cup**

SKU# SG-MC33-RBTRT-01

Protective cup for MC33 turret head scanner.

- Typically ordered with boot for turret head scanner SKU# SG-MC33-RBTRD-01.



Hand straps, shoulder strap, belt, lanyard, and screen protector

Replacement gun hand strap

SKU# SG-MC33-HDSTPG-01

Replacement gun hand strap.

- Included with MC3300 gun, MC3300 RFID, and MC3300x RFID but not MC3300x gun, or MC3300ax gun units.



Shoulder strap

SKU# 58-40000-007R

Universal shoulder strap for fabric holster.

- Extends from 22 to 55 inches and is 1.5 inches wide.



Belt for holster

SKU# 11-08062-02R

Universal belt for fabric holster.

- Extends 48 inches and is 2 inches wide.

**Replacement brick hand strap**

SKU# SG-MC33-HDSTPB-01

Protective boot for gun configurations, protects the device from wear and tear.

- Strap included with MC3300 and MC3300x brick units.
- Includes loop for storing optional stylus.

**Lanyard**

SKU# SG-MC33-LNYDB-01

Lanyard only for MC3300 brick styles.

- Lanyard can be worn cross-body or can be attached to a belt SKU# 11- 08062-02R.



Glass screen protector

SKU# MISC-MC33-SCRN-01

Set of five tempered glass screen protectors..

- Includes alcohol wipes, cleaning cloth, and instructions needed for screen protector installation.



Stylus tethers

Stylus tether

SKU# SG-TC5NGTC7NG-TETHR-03

Stylus tether – pack of 3.

- Can be attached to device tower bar.
- When hand strap is used, tether should attach to hand strap SKU# SG-NGTC5TC7-HDSTP-03 directly (not to terminal towel bar).
- String type tether prevents loss of stylus.



Stylus coiled tether replacement

SKU# KT-TC7X-TETHR1-03

Set of three coiled tether for stylus to replace previously lost or damaged tethers.

- Not recommended when using fiber tipped stylus SKU# SG-STYLUS-TCX-MTL-03



Stylus coiled tether replacement


SKU# SG-ET5X-SLTETR-01

Coiled tether for stylus to replace previously lost or damaged tethers.

- Not recommended when using fiber tipped stylus SKU# SG-STYLUS-TCX-MTL-03



Documents / Resources

	<p>ZEBRA MC3300 Handheld Mobile Computer [pdf] User Guide</p> <p>MC3300, MC3300 Handheld Mobile Computer, Handheld Mobile Computer, Mobile Computer, Computer</p>
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References

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