

Technical Accessory Guides (TAGs)

For Associates, Resellers, ISVs and Alliance Partners

Global



Version: Active-Only

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RFD8500/RFD8500i Technical Accessory Guide






NOTE: RFD8500 discontinued 3/2024 - see PMB 11219
RFD8500i (for legacy TC55 units) discontinued 9/2018 - see PMB 3116

NOTE: This document is only for general reference. Solutions Pathway and related PMBs should be used for product availability, pricing, and final solution selection.


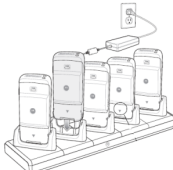

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Charging Cradles



| Part Number | Picture | Description | Notes | Required Items |
|--------------------|---|--------------------------------------|---|--|
| CRD1S-RFD8500-1R |  | Single Slot Charging Cradle | <ul style="list-style-type: none"> ▶ Cradle will charge RFD8500 or legacy TC55 unit. ▶ LED status indicator on charger base will show charge status of RFD8500 battery. Refer to charge status LED on the TC55 for its charging state. ▶ NOTE: Charging cup uses Zebra common ShareCradle design, however, the RFD8500 cup is about 20% wider than standard ShareCradle cups. This cup can't be mounted on any 5-Slot ShareCradles. ▶ Not compatible for powering 2-Slot Battery Charger Module (SAC-TC55-2BTYC1). | <p>For charging one cradle:</p> <ul style="list-style-type: none"> ▶ Power Supply (PWR-BGA12V50W0WW and CBL-DC-388A1-01) ▶ AC Line Cord (23844-00-00R or country specific version) <p>For charging two cradles:</p> <ul style="list-style-type: none"> ▶ Power Supply (PWR-BGA12V50W0WW and CBL-DC-388A1-01) ▶ AC Line Cord (23844-00-00R or country specific version) ▶ 2-Way Power Cable (25-122026-02R) <p>For charging 3-4 cradles:</p> <ul style="list-style-type: none"> ▶ 4-Way DC Line Cord (CBL-DC-380A1-01) and Power Supply (PWR-BGA12V108W0WW) ▶ AC Line Cord (23844-00-00R or country specific version) |
| CRDUNIV-RFD8500-1R |  | Universal Cradle with 3 RFD8500 Cups | <ul style="list-style-type: none"> ▶ Cradle will charge RF8500 or 2-Slot Battery Charger Module (SAC-TC55-2BTYC1) units. ▶ Includes Universal Cradle (CRDUNIV-XX-5000R), three RFD8500 Charging Cups (CUPTC55XX-1000R), and two Blank Slot Covers (CUPUNICVR-5000R) ▶ Includes cradle insert/shim that can be removed when charging a 2-Slot Battery Charger (SAC-TC55.2BTYC1). ▶ Cradle also supports charging of legacy TC55 devices. | <ul style="list-style-type: none"> ▶ Power Supply (PWR-BGA12V50W0WW and CBL-DC-388A1-01) ▶ AC Line Cord (23844-00-00R or country specific version) |
| CRD4S-RFD8500-1R |  | 4-Slot Charging ShareCradle | <ul style="list-style-type: none"> ▶ Cradle will charge RFD8500 or legacy TC55 units. ▶ LED status indicator on charger base will show charge status of RFD8500 battery. Refer to charge status LED on the TC55 for its charging state. ▶ NOTE: Charging cup uses Zebra common ShareCradle design, however, the RFD8500 cup is about 20% wider than standard ShareCradle cups. This cup can't be mounted on any 5-Slot ShareCradles. ▶ Not compatible for powering 2-Slot Battery Charger Module (SAC-TC55-2BTYC1). | <ul style="list-style-type: none"> ▶ DC Line Cord (CBL-DC-381A1-01) and Power Supply (PWR-BGA12V108W0WW) ▶ AC Line Cord (23844-00-00R or country specific version) |

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|-------------------|---|---|--|---|
| CRD4S-RFD8500-2R |  | 4-Slot Charging ShareCradle for RFD8500 and TC5X series | <ul style="list-style-type: none"> ▶ Will charge two TC5X series units and two RFD8500 units. ▶ Not compatible with legacy TC55 or 2-Slot Battery Charger Module (SAC-TC55-2BTYC1). | <ul style="list-style-type: none"> ▶ DC Line Cord (CBL-DC-381A1-01) and Power Supply (PWR-BGA12V108W0WWW) ▶ AC Line Cord (23844-00-00F or country specific version) |
| BRKT-SCRD-SMRK-01 |  | Multi-Slot ShareCradle Wall/Rack Mount Bracket | <ul style="list-style-type: none"> ▶ Allows for rack and wall mounting of one 4-Slot Charging ShareCradle (CRD4S-RFD8500-2R) or up to four Single-Slot Cradles (CRD1S-RFD8500-1R). Not compatible with other cradles that use the Universal Cradle design. ▶ Bracket can be mounted on standard 19" network rack or on a wall. ▶ Cable routing slots & removable power supply holder tray. ▶ Adjustable tabs & screw mounts for easy hanging/installation. ▶ Adjustable orientations - horizontal, vertical, angled. ▶ See the Bluetooth-Generic Accessories TAG for info on 3rd party Network Racks that can be used for mounting this bracket. | |

Battery Charging









| Part Number | Picture | Description | Notes | Required Items |
|------------------|---|---|---|--|
| SAC-TC55-2BTYC1 |  | 2-Slot Battery Charger Module | <ul style="list-style-type: none"> ▶ Will charge up to two RFD8500 or legacy TC55 batteries. ▶ Two 1.5X (4,410 mAh) batteries charge in approximately 11 hours. Charge time cut in half when charging only one battery ▶ Two LED lights indicate charge status of each battery. ▶ Battery door/cover must be installed before charger will charge the battery. ▶ Includes two battery doors/covers ▶ Charger Module can be powered with <ol style="list-style-type: none"> 1. Rugged Charging Cable (CBL-TC55-CHG1-01) with shim removed. 2. 3-Slot Universal Cradle (CRDUNIV-RFD8500-1R). 3. 5-Slot Universal Cradle (CRDUNIV-55-5000R) with shim removed. | <p>For stand-alone charging: Rugged Charge Cable (CBL-TC55-CHG1-01) and USB Power Supply (PWR-WUA5V6W0WWW)</p> <p>For multi-unit charging of up to 5 Chargers for charging up to 10 batteries: Universal Cradle with 5 RFD8500 Cups (CRDUNIV-55-5000R) - shim for rubber boot must be removed.</p>  |
| CRDUNIV-55-5000R |  | Universal Cradle with 5 RFD8500 Battery Charger Module Cups | <ul style="list-style-type: none"> ▶ Cradle will charge 2-Slot Battery Charger Modules (SAC-TC55-2BTYC1) or legacy TC55 units. ▶ Not compatible for charging RFD8500 units. Five RFD8500 units will NOT fit in cradle. ▶ Includes Universal Cradle (CRDUNIV-XX-5000R) and five TC55 Charging Cups (CUPTC55XX-1000R) ▶ Includes cradle insert/shim that can be removed when charging a 2-Slot Battery Charger (SAC-TC55-2BTYC1). | <ul style="list-style-type: none"> ▶ Power Supply (PWR-BGA12V50W0WWW and CBL-DC-388A1-01 OR PWRS-14000-148C ▶ AC Line Cord (23844-00-00F or country specific version) |

Charge/Communication Cables

| Part Number | Picture | Description | Notes | Required Items |
|------------------|---|-----------------------------|--|---|
| 25-MCXUSB-01R |  | Spare USB Charge/Sync Cable | <ul style="list-style-type: none"> ▶ Can be used to charge and communicate with RFD8500 from side micro-USB port. It is recommended to use dedicated Charge Cable Cup (CBL-TC55-CHG1-01) or a Cradle for routine charging. ▶ Attaching cable to RFD8500i unit will not charge the TC55, only the RFD8500i. ▶ RFID tag data transfer not supported via USB. ▶ Normally ships in box with each RFD8500. ▶ Micro USB B to USB A connector ▶ Cable length is 60 inches | |
| CBL-TC55-CHG1-01 |  | Rugged Charging-Only Cable | <ul style="list-style-type: none"> ▶ Connects to charge contacts on back of RFD8500. ▶ Can also be used to power 2-Slot Battery Charger Module (SAC-TC55-2BTYC1). ▶ USB-A connector on power supply side. | USB Power Supply (PWR-WUA5V6W0WWW) or equivalent. |

Misc

| Part Number | Picture | Description | Notes | Required Items |
|---|---|--|---|---|
| ADP-TC51-100 |  | Adapter Mount for TC5X series | <ul style="list-style-type: none"> ▶ Allows TC5X series devices to be mounted on top of RFD8500 ▶ Adapter clips on Standard Battery Door which is included with RFD8500 ▶ "Zebra" logo shim on Standard Battery Door needs to be removed for Adapter Mount to clip onto door. ▶ Will not charge the TC5X. ▶ Does not support Rugged Boot/Exoskeleton (SG-TC51-EXO1-01) ▶ Not compatible with the legacy TC55. | |
| KT-IPODTCH-100 |  | Adapter Mount for iPod Touch 5/iPhone 5 | <ul style="list-style-type: none"> ▶ Allows iPod Touch 5th Generation or iPhone 5 to be mounted on top of RFD8500 ▶ Quad Lock® case design ▶ Will not charge the Apple device. | ▶ Quad-Lock Battery Door (KT-QUADOOR-100) |
| Additional Quad Lock® cases and adapters (3rd party) * http://www.quadlockcase.com |  | Additional Adapter Mounts for other Consumer Devices | <ul style="list-style-type: none"> ▶ Allows other consumer devices (i.e. iPhone, Samsung Galaxy, etc.) to be mounted on top of RFD8500 ▶ Other Zebra devices (i.e. TC7X) may be able to use the Quad Lock Universal Adapter which adheres to the device and will allow it to attach to the RFD8500. ▶ Quad Lock® case design ▶ Will not charge the consumer device. | ▶ Quad-Lock Battery Door (KT-QUADOOR-100) |

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| Mophie mobile pay cases various SKUs (3rd party) * https://www.zagg.com/en_us/mophie/mobile-payment-system |  | Mophie mobile pay cases | <ul style="list-style-type: none"> ▶ Allows various iPhone/iPod models (i.e. iPhone 7/8/SE, iPhone 7 Plus/8 Plus, iPhone 12/12 Pro, and iPod Touch 6th Gen/7th Gen) to be mounted on top of RFD8500 ▶ Will not charge the iPhone/iPod. | ▶ Mophie Battery Door for mobile pay cases (409904021) |
| SG-8500-HSTRPH-01 |  | Spare Lanyard | <ul style="list-style-type: none"> ▶ Attaches to tether point on bottom of trigger handle ▶ Gray color ▶ Normally ships in box with each RFD8500. | |
| Power Cords/Power Supplies | | | | |
| Part Number | Picture | Description | Notes | Required Items |
| CBL-DC-388A1-01 |  | DC Power Cord | <ul style="list-style-type: none"> ▶ Used along with Power Supply PWR-BGA12V50W0WW to power RFD8500i Single Slot Cradles and Universal Cradle. ▶ Cable length is 1.8 meters | |
| PWR-BGA12V50W0WW |  | Power Supply | <ul style="list-style-type: none"> ▶ Used to power RFD8500i Single Slot Cradles and Universal Cradle. ▶ 100-240 VAC, 12V, 4.16A, 50W ▶ Provides US DOE Level VI compliance for power efficiency. ▶ Replaces PWRS-14000-148R and PWRS-14000-148C | <ul style="list-style-type: none"> ▶ DC Line Cord (CBL-DC-388A1-01) ▶ AC Line Cord (23844-00-00F or country specific version) |
| KIT-PWR-12V50W |  | Power Supply Kit | <ul style="list-style-type: none"> ▶ Includes Power Supply (PWR-BGA12V50W0WW) and DC Line Cord (CBL-DC-388A1-01) ▶ Used to power RFD8500i Single Slot Cradles and Universal Cradle. | ▶ AC Line Cord (23844-00-00F or country specific version) |
| CBL-DC-381A1-01 |  | DC Power Cord | <ul style="list-style-type: none"> ▶ Used with Power Supply PWR-BGA12V108W0WW to power 4-Slot Charger for RFD8500i (CRD4S-RFD8500-1R) OR 4-Slot Charger for RFD8500 and TC51 (CRD4S-RFD8500-2R). ▶ This cable does not include the black extension release latch which is not required when used on Multi-Slot ShareCradles. | |
| CBL-DC-382A1-01 |  | DC Power Cord | <ul style="list-style-type: none"> ▶ Used with Power Supply PWR-BGA12V108W0WW to power 4-Slot Charger for RFD8500i (CRD4S-RFD8500-1R) OR 4-Slot Charger for RFD8500 and TC51 (CRD4S-RFD8500-2R). ▶ Cable has black extension tab for releasing the cable from the back of the cradle. This isn't required when using Multi-Slot ShareCradles. ▶ NOTE: CBL-DC-381A1-01 is the recommended cable to be used. | |
| CBL-DC-380A1-01 |  | 4-Way Power Cable | <ul style="list-style-type: none"> ▶ Used with Power Supply PWR-BGA12V108W0WW for powering up to four Single Slot Chargers for RFD8500i (CRD1S-RFD8500-1R) | |

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|--------------------|---|---|--|--|
| PWR-BGA12V108W0WWW |  | Power Supply | <ul style="list-style-type: none"> ▶ Used to power multi-slot cradles. ▶ 100-240 VAC, 12V, 9A, 108W ▶ Provides US DOE Level VI compliance for power efficiency. ▶ Replaces PWRS-14000-241R | <ul style="list-style-type: none"> ▶ DC Power Cable (CBL-DC-382A1-01) or 4-Way Power Cable (CBL-DC-380A1-01) ▶ AC Line Cord (23844-00-00F or country specific version) |
| 23844-00-00R |  | AC Line Cord | <ul style="list-style-type: none"> ▶ This AC Line Cord is for use in North America. See the AC Line Cords by Country TAG for comparable line cords to use in other countries. | |
| PWR-WUA5V6W0WWW |  | USB Power Supply | <ul style="list-style-type: none"> ▶ Includes four international plugs for use in US, UK, EU, and AU. Additional plugs can be purchased separately for other countries. ▶ 5.2V, 1.2A, 6W output ▶ Provides US DOE Level VI compliance for power efficiency | Micro USB Cable (25-MCXUSB-01R) |
| PWR-WUA5V6W0WHT |  | USB Power Supply, White color | <ul style="list-style-type: none"> ▶ Includes four international plugs for use in US, UK, EU, and AU. Additional plugs can be purchased separately for other countries. ▶ 5.2V, 1.2A, 6W output ▶ Provides US DOE Level VI compliance for power efficiency ▶ NOTE: SKU is restricted sale. May require Zebra Product Management approval to order. | Micro USB Cable (25-MCXUSB-01R) |
| CN-000803-01 |  | <u>Spare/Replacement</u> USB Power Supply AC Clip for Australia (AUS) | <ul style="list-style-type: none"> ▶ This AC Clip is normally included with PWR-WUA5V6W0WWW ▶ 2 pin Australia plug | USB Power Supply (PWR-WUA5V6W0WWW) |
| CN-000803-02 |  | USB Power Supply AC Clip for Argentina (ARG) | | USB Power Supply (PWR-WUA5V6W0WWW) |
| CN-000803-03 |  | USB Power Supply AC Clip for Korea (KOR) | | USB Power Supply (PWR-WUA5V6W0WWW) |
| CN-000803-04 |  | <u>Spare/Replacement</u> USB Power Supply AC Clip for US (US) | <ul style="list-style-type: none"> ▶ This AC Clip is normally included with PWR-WUA5V6W0WWW ▶ 2 pin US plug | USB Power Supply (PWR-WUA5V6W0WWW) |
| CN-000803-05 |  | <u>Spare/Replacement</u> USB Power Supply AC Clip for Europe (EU) | <ul style="list-style-type: none"> ▶ This AC Clip is normally included with PWR-WUA5V6W0WWW | USB Power Supply (PWR-WUA5V6W0WWW) |
| CN-000803-06 |  | <u>Spare/Replacement</u> USB Power Supply AC Clip for UK (UK) | <ul style="list-style-type: none"> ▶ This AC Clip is normally included with PWR-WUA5V6W0WWW | USB Power Supply (PWR-WUA5V6W0WWW) |
| CN-000803-07 |  | USB Power Supply AC Clip for China (CHN) | <ul style="list-style-type: none"> ▶ straight pins China plug | USB Power Supply (PWR-WUA5V6W0WWW) |

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| CN-000803-08 | | USB Power Supply AC Clip for Brazil (BRA) | ▶ 2 pin Brazil plug | USB Power Supply (PWR-WUA5V6W0WW) |
| CN-000803-09 | | USB Power Supply AC Clip for India (IND) | | USB Power Supply (PWR-WUA5V6W0WW) |
| Batteries | | | | |
| Part Number | Picture | Description | Notes | Required Items |
| BTRY-RF85-44MA1-01 BTRY-RF85-44MA1-IN (for India) | | RFD8500 Spare 1.5X Battery with PowerPrecision (4410 mAh) | ▶ This is the standard battery that is included with each RFD8500 unit. ▶ Provides 5-6 hours of continuous usage. | |
| BTRY-TC55-29MA1-01 BTRY-TC55-29MA1-IN (for India) ▶ Discontinued 10/2024, see PMB 11454 | | RFD8500i/TC55 1X Battery (2940 mAh) | ▶ Optional battery for RFD8500i for customers looking for a lighter weight device. ▶ Does not decrease physical dimensions of RFD8500i, just its weight. ▶ Not compatible with RFD8500 models only RFD8500i (for legacy TC55 devices). | |
| BTRY-TC55-29BR1-01 (for Brazil) ▶ Discontinued 2/2020 - see PMB 10329 | | | | |
| KT-STDDOOR-100 | | Spare Standard Battery Door | ▶ Normally included in box with RFD8500 ▶ Not compatible with RFD8500i models | |
| KT-QUADOOR-100 | | Quad Lock® Battery Door | ▶ Allows Quad Lock® design device cases to be attached to RFD8500 ▶ Used instead of Standard Battery Door when using Quad Lock® device adapters ▶ Not compatible with RFD8500i models | ▶ Quad Lock® case (i.e. KT-IPODTCH-100) or similar |
| 409904021 (3rd party) * https://www.zagg.com/en_us/mophie/mobile-payment-system | | Mophie Battery Door for mobile pay cases | ▶ Allows iPhone and iPod Touch with mophie mobile pay cases to be mounted on top of RFD8500 ▶ mophie mobile pay cases for iPhone 7/8/SE, iPhone 7 Plus/8 Plus, iPhone 12/12 Pro, and iPod Touch 6th Gen/7th Gen are compatible ▶ mophie case design ▶ Used instead of Standard Battery Door when using Mophie mobile pay cases | ▶ Mophie mobile pay case |