

TC55 Technical Accessory Guide

NOTE: TC55 discontinued 9/2017 - see PMB 2970

ZEBRA

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

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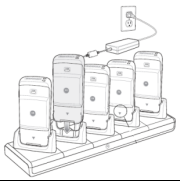
Cradles/Charging

Part Number	Picture	Description	Notes	Required Items
3PTY-PCLIP-246521 (Zebra orderable SKU with CPR)	  	Single Slot Charge-Only Cradle Kit ZEBRA Validated	▸Discontinued 11/2017 ▸Connects to charging contacts on bottom of TC55. ▸Works with devices with or without rubber boot. ▸Works with devices with 1x or 1.5x battery. ▸Does NOT provide spare battery charging. ▸Includes Power Supply (PWR-BGA12V50W0WW) and DC Line Cord (CBL-DC-388A1-01) ▸NOTE: This is a custom product. Not open for sale in Solution Builder. Submit a CPR at http://cpr.zebra.lan (Zebra internal site). Details on PMB 2659	AC Line Cord (23844-00-00R)
215672 (3rd party) * http://www.proclipusa.com/category/zebra	 	ProClip Single Slot Charge-Only Cradle See Zebra's ProClip accessory overview video at: https://www.brainshark.com/zebratechnologies/vu/0zi-zzH1zBk9FbOwdGz0	▸Connects to charging contacts on bottom of TC55. ▸Works with devices with or without rubber boot. ▸Works with devices with 1x or 1.5x battery. ▸Does NOT provide spare battery charging. ▸Includes worldwide power supply	

PSDTC55-01 (3rd party) * http://www.portsmith.com		Portsmith Single Slot Charge-Only Cradle Kit	▸Durable cradle design for enterprise use ▸Charges TC55 from bottom Pogo pin ▸5VDC, 2A power to slot ▸Kit contains: - Portsmith Single slot cradle - Power supply for international use.	
SAC-TC55-2BTYC1		2-Slot Battery Charger	▸Will charge both TC55 1X & 1.5X batteries. ▸Two 1X (2,940 mAh) batteries charge in approximately 8 hours and 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 is powered with Rugged Charging Cable (CBL-TC55-CHG1-01) or can be inserted into Universal Cradle (CRDUNIV-55-5000R) without shim installed.	**For stand-alone charging**: Rugged Charge Cable (CBL-TC55-CHG1-01) and USB Power Supply (PWR-WUA5V6W0WW / PWRS-124306-01R) **For multi-unit charging of up to 5 Chargers for charging up to 10 batteries:** Universal Cradle with 5 TC55 Cups (CRDUNIV-55-5000R) - shim for rubber boot must be removed. 
CRDUNIV-55-5000R		Universal Cradle with 5 TC55 Cups	▸Includes Universal Cradle (CRDUNIV-XX-5000R) and five TC55 Charging Cups (CUPTC55XX-1000R) ▸Includes cradle insert/shim that can be removed when charging a TC55 with the rubber boot attached or when using 2-Slot Battery Charger (SAC-TC55.2BTYC1). ▸Devices without boot attached can be inserted into cradle slot without shim, but fit will be loose.	▸Power Supply (PWR-BGA12V50W0WW and CBL-DC-388A1-01 OR PWRS-14000-148C) ▸AC Line Cord (23844-00-00R)
CRDUNIV-XX-5000R		Universal Cradle	▸Provides more flexible charging options. Supports up to five of any combination of the following cradle cups: - Charging Cup (CUPTC55XX-1000R) - Blank Slot Cover (CUPUNICVR-5000R)	▸Power Supply (PWR-BGA12V50W0WW and CBL-DC-388A1-01 OR PWRS-14000-148C) ▸AC Line Cord (23844-00-00R) ▸Up to five Charging Cups or Blank Slot Covers
CUPTC55XX-1000R		Charging Cup for Universal Cradle	▸Discontinued 12/2017 - PMB 2970 ▸Includes cradle insert/shim that can be removed when charging a TC55 with the rubber boot attached or when using 2-Slot Battery Charger (SAC-TC55-2BTYC1). ▸Devices without boot attached can be inserted into cradle slot without shim, but fit will be loose.	Universal Cradle (CRDUNIV-XX-5000R)

CUPUNICVR-5000R		Blank Slot Covers for Universal Cradle	▸Used to plug slots in Universal Cradle if all 5 slots are not needed. ▸Includes 5 Covers	
KT-UNIVLBRKT-01R		Universal Cradle/4-Slot Battery Charger Mounting Bracket	▸Discontinued 12/2018 - see PMB 10023 ▸Stand alone bracket for mounting one Universal Cradle (CRDUNIV-XX-5000R) ▸Shelf under Bracket can house up to five Power Supplies (PWR-BGA12V50W0WW). ▸Bracket can be mounted on standard 19" network rack or on a wall. ▸Includes 4 screws for mounting on a network rack.	
PSP5TC55-01 (3rd party) * http://www.portsmith.com		Portsmith 5-Slot Charge-Only Dock	▸Charges five devices per module from a single power supply. ▸Durable rugged ABS cradle materials ▸Precision alignment of the handheld into the cradle ▸One handed insertion and removable ▸Safe and regulated power at each cup - 5VDC 2A delivered to each slot ▸Powder-coated steel chassis ▸Better space efficiency compared to five individual charging docks ▸Dimensions: 23″ wide, 5″ deep, 7″ tall ▸Includes power supply and line cord for use in North America.	
PSP4TC55-02 (3rd party) * http://www.portsmith.com		Portsmith 4-Slot Charge-Only Dock - for Rack Mounting	▸Charges four devices per rack module from a single power supply. ▸Durable rugged ABS cradle materials ▸Precision alignment of the handheld into the cradle ▸One handed insertion and removable ▸Safe and regulated power at each cup - 5VDC 2A delivered to each slot ▸Powder-coated steel chassis ▸Mounts in any industry standard server or wall mount rack ▸6U or 10.5 inches tall ▸Includes power supply and line cord for use in North America.	
Call (208)888-5813 for part numbers and pricing (3rd party) * http://www.portsmith.com		Portsmith 5-Slot Ethernet Charging Cradle Kit	▸Discontinued ▸Durable cradle design for enterprise use ▸Charges TC55 from bottom Pogo pin ▸5VDC, 2A power to each slot ▸Bluetooth to Ethernet connectivity ▸Up to 5 concurrent Bluetooth connections w/ unlimited pairing ▸Bluetooth SIG certified ▸Kit contains: - Portsmith 5 slot cradle - Portsmith Bluetooth adaptor (PSA5BT1E) - Power supply - AC Line cord	

CRD-TC55-VCD1-01		Vehicle Charge Cradle	▸Discontinued 12/2017 - PMB 2970 ▸Connects to charging contacts on bottom of TC55. ▸Works with devices with or without rubber boot. ▸Works with devices with 1x or 1.5x battery. ▸Suction cup for easy installation and removal. ▸Audio connector on top of device is still accessible. ▸Includes clip on back of cradle for cable retention ▸Cradle uses micro-USB connector on back side for connection to cigarette lighter adapter. ▸Does NOT provide spare battery charging.	Auto Charge Cable (VCA400-01R)
PSVTC55-01 (Cigarette Lighter Adapter plug) PSVTC55-02 (Hard-wired power connection) (3rd party) * http://www.portsmith.com		PortSmith Charge-Only Vehicle Cradles	▸Available in both hard-wired and cigarette light adapter cable configurations ▸Durable cradle design for rugged enterprise use ▸AMPS hole pattern for simple wall, pedestal or vehicle dashboard mounting ▸Swivel mount ▸Only provides device charging, no communication ports	
Proclip various (3rd party) * http://www.proclipusa.com/category/zebra		ProClip Vehicle Cradles See Zebra's ProClip accessory overview video at: https://www.brainshark.com/zebratechnologies/vu?pi=zHHzSbPPzOvz5zd	▸Available in both powered and un-powered versions (cigarette lighter adapter or straight through power cable) ▸Versions available for devices with and without boot installed. ▸Cradle tilts and swivels ▸Compatible with all device battery sizes.	
CBL-TC55-CHG1-01		Spare Rugged Charging Cable	▸Normally ships in box with each TC55 ▸Connects to charge contacts on bottom of TC55. ▸Works with TC55 units with and without boot. ▸USB-A connector on power supply side.	USB Power Supply (PWR-WUA5V6W0WW / PWRS-124306-01R) or equivalent.

Communication Cables

Part Number	Picture	Description	Notes	Required Items
25-MCXUSB-01R		USB Charge/Sync Cable	▸Can be used to charge and communicate with TC55 from side micro-USB port. It is recommended to use dedicated Charge Cable for routine charging though. ▸Micro USB B to USB A connector	

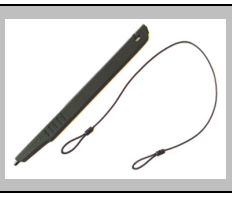
25-128458-01R		Heavy Duty USB Charge/Sync cable	▸This is an alternative USB cable. 25-MCXUSB-01R is the recommended cable. ▸Can be used to charge and communicate with TC55 from side micro-USB port. It is recommended to use dedicated Charge Cable for routine charging though. ▸Micro USB B to USB A connector ▸Heavy duty USB cable needed to charge at 1.2A ▸28 gauge wire for fast charge	
3rd party * (see http://www.cyberguys.com/product-details/?productid=33062)		USB micro-A to USB A Female adapter	▸Allows the TC55 to act as a USB host to connect to devices like USB flash drives/memory sticks, mice, etc. ▸Connects directly to TC55	

Soft Goods - Cases/Holsters

Part Number	Picture	Description	Notes	Required Items
SG-TC55-HLSTR1-01		Holster, Leather Belt mount	▸Discontinued 12/2017 - PMB 2970 ▸Includes belt clip for easy carrying and easy access. ▸Includes clip on inside of holster for holding optional stylus on devices not using the optional Rubber Boot. ▸Accommodates 1x and 1.5x batteries and also devices with or without rubber boot attached. ▸1x battery devices can be inserted into holster face in or out. 1.5x battery devices must be inserted face in. ▸Audio jack is accessible while device is in holster. ▸Holster provides speaker output holes so user can hear audio alerts from device while holstered.	
SG-TC55-BOOT1-01		Protective Rubber Boot (Blue/Black color)	▸Discontinued 12/2017 - PMB 2970 ▸Boot increases drop spec from 4 ft. MIL Std 810 to 5 ft. MIL Std 810. Also provides 4 ft. drop spec to concrete ▸Accommodates 1x and 1.5x batteries ▸Batteries can be swapped while boot is attached. ▸Includes additional tie down location for the optional stylus tether. ▸Devices with boot attached will also fit into Vehicle Cradle and 5-Slot Charger (shim in Charger's cup must be removed).	

SG-TC55-BOOT2-01		Protective Rubber Boot (Grey/Black color)	▸Discontinued 12/2017 - PMB 2970 ▸Boot increases drop spec from 4 ft. MIL Std 810 to 5 ft. MIL Std 810. Also provides 4 ft. drop spec to concrete ▸Accommodates 1x and 1.5x batteries ▸Batteries can be swapped while boot is attached. ▸Includes additional tie down location for the optional stylus tether. ▸Devices with boot attached will also fit into Vehicle Cradle and 5-Slot Charger (shim in Charger's cup must be removed).	
Submit a Custom Products Request at http://cpr.zebra.lan (Zebra internal site)		Additional Rubber Boot options	▸Custom boot color and logo options	
SG-TC55-HSTRPH-01		Handstrap	▸Discontinued 12/2017 - PMB 2970 ▸Attaches to Rubber Boot ▸Device will NOT fit into Single Slot Charge-Only Crade, 5-Slot Charge-Only Cradle, or Vehicle Cradle with handstrap attached	Protective Rubber Boot (SG-TC55-BOOT1-01 or SG-TC55-BOOT2-01)
AD1977DW (3rd party) * http://www.ultimacase.com		Wrist Mount Holster	▸Allows TC55 to be worn as a wearable device. ▸Removable OP Case allows hand held use on the fly ▸Breathable materials allow for cool comfort ▸Wearable design allows you to capture data hands free. ▸Adjustable straps give a secure fit. ▸DirectTouch feature means no cover over screen. Great for use with gloves or stylus.	
(3rd party) * http://www.ultimacase.com	Agora Leather website	Additional Holsters for TC55		

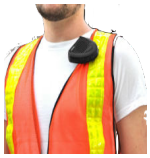
Misc

Part Number	Picture	Description	Notes	Required Items
KT-TC55-STYLUS1-01 KT-TC55-STYLUS1-03 (pack of 3)		Stylus Kit	▸Discontinued 12/2017 - PMB 2970 ▸Includes fine-pitch, capacitive Stylus and Tether ▸When not being used stylus can be stored in optional Rubber Boot or optional Holster	

KT-TC55-SCRNP1-03 (pack of 3) KT-TC55-SCRNP1-100 (pack of 100)		Screen Protectors	‣Discontinued 12/2017 - PMB 2970 ‣For use with applications with high touch screen usage, Zebra recommends the use of a screen protector to minimize wear and tear. ‣Screen protectors enhance the usability and durability of touch screen displays.	

Headset/Audio Accessories

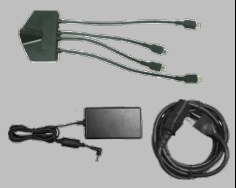
Part Number	Picture	Description	Notes	Required Items
various Bluetooth models B550-XT B350-XT C400-XT C300-XT (3rd party) * http://www.blueparrott.com		BlueParrott Bluetooth Headsets	‣Various Bluetooth models available with options that include: - Blocking out 96% of background noise - Over 24 hours of talk time - NFC Tap to Pair capable - Bluetooth wireless range capable up to 300 ft. - Convertible wearing options: over the head, behind the neck. See BlueParrot site for model specific options.	
APTT1 (3rd party) * https://www.aina-wireless.com/		Aina Push-To-Talk (PTT) Bluetooth Voice Responder Remote Speaker/Mic (RSM)	‣Bluetooth speaker-microphone designed to work with different walkie talkie style Push-to-Talk applications, including Zebra PTT Pro (check with Zebra PTT Pro engineering team for current device/OS support). ‣Includes clip for attaching device to closthing for lapel speaker/mic usage. ‣Features several buttons which the application developers can assign to different functions. ‣Users can remotely control functions such as push-to-talk, phone calls, channel switching and emergency alerts. ‣Device is ruggedized, MIL-STD 810G and IP67. ‣Long lasting battery designed for 24 hour approx battery life. Can be recharged via micro-USB port. ‣Includes 3.5mm headset jack allowing headphones to be connected for keeping conversations more private. ‣Can be easily paired to mobile computer using NFC tap-to-pair.	
H3-B-1 (3rd party) * https://www.dellking.com		Wandfu H3 Push-To-Talk (PTT) Bluetooth Remote Speaker/Mic (RSM)	‣Bluetooth speaker-microphone designed to work with different walkie talkie style Push-to-Talk applications, including Zebra PTT Pro (check with Zebra PTT Pro engineering team for current device/OS support). ‣Includes clip for attaching device to closthing for lapel speaker/mic usage. ‣Includes 3.5mm headset jack allowing headphones to be connected for keeping conversations more private.	

BTR-155 (3rd party) * K551011 (Zebra orderable SKU) ▸Discontinued 3/2019, now order from Savox https://www.savoxaccessories.com	 	Savox BTR-155 Bluetooth Remote Speaker/Mic (RSM)	▸Bluetooth speaker-microphone designed to work with different walkie talkie style Push-to-Talk applications, including Zebra PTT Pro (check with Zebra PTT Pro engineering team for current device/OS support). ▸Includes clip for attaching device to closthing for lapel speaker/mic usage. ▸Rugged wireless speaker microphone, IP55. ▸Allows cable-free movement ▸Familiar speaker microphone functions; PTT and volume buttons ▸Includes 2.5mm headset jack allowing headphones to be connected for keeping conversations more private. ▸LED status indication ▸High speaker volume ▸Includes: - Savox RSM - Modular Wired earpiece - Wall Charger - USB Cable - Quick Start Guide - Carrying Strap	
BTH-101 (3rd party) * https://www.savoxaccessories.com	 	Savox Push-To-Talk (PTT) Bluetooth Headset	▸Bluetooth headset designed to work with different walkie talkie style Push-to-Talk applications, including Zebra PTT Pro (check with Zebra PTT Pro engineering team for current device/OS support). ▸Also operates as standard Bluetooth headset for taking phone calls. ▸Device is lightweight and ruggedized, IP55.	

Power Cords/Power Supplies

Part Number	Picture	Description	Notes	Required Items
CBL-DC-388A1-01		DC Power Cord	▸Used along with Power Supply PWR-BGA12V50W0WW to power 4-Slot Battery charger and Universal Cradle. ▸Cable length is 1.8 meters	
PWR-BGA12V50W0WW		Power Supply	▸Used to power Single Slot Charge-Only Cradle (normally included in box with Cradle) 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	DC Line Cord (CBL-DC-388A1-01) and AC Line Cord (23844-00-00R)
KIT-PWR-12V50W		Power Supply Kit	▸Includes Power Supply (PWR-BGA12V50W0WW) and DC Line Cord (CBL-DC-388A1-01)	AC Line Cord (23844-00-00R)

PWRS-14000-148C		Power Supply with integrated DC Cord	▸Has additional ferrite from KT-14000-148R to provide additional noise supression. ▸Used to power Universal Cradle ▸100-240 VAC,12VDC,3.33A ▸Energy Star Compliant ▸Discontinued 2/2017, now use PWR-BGA12V50W0WW and CBL-DC-388A1-01.	AC Line Cord (23844-00-00R)
PWRS-14000-148R		Spare Power Supply with integrated DC Cord	▸Discontinued 1/2017, now use PWR-BGA12V50W0WW and CBL-DC-388A1-01 - see PMB 2923 and PMB 2851 ▸Used to power Single Slot Charge-Only Cradle (normally included in box with Cradle) ▸100-240 VAC,12VDC,3.33A ▸Energy Star Compliant	AC Line Cord (23844-00-00R)
23844-00-00R		AC Line Cord	Used to power Universal Cradles and Single Slot Charge-Only Cradle	
PWR-WUA5V6W0WW		USB Power Supply	▸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)
CN-000803-01		Spare/Replacement USB Power Supply AC Clip for Australia (AUS)	▸This AC Clip is normally included with PWR-WUA5V6W0WW ▸2 pin Australia plug	USB Power Supply (PWR-WUA5V6W0WW)
CN-000803-02		USB Power Supply AC Clip for Argentina (ARG)		USB Power Supply (PWR-WUA5V6W0WW)
CN-000803-03		USB Power Supply AC Clip for Korea (KOR)		USB Power Supply (PWR-WUA5V6W0WW)
CN-000803-04		Spare/Replacement USB Power Supply AC Clip for US (US)	▸This AC Clip is normally included with PWR-WUA5V6W0WW ▸2 pin US plug	USB Power Supply (PWR-WUA5V6W0WW)
CN-000803-05		Spare/Replacement USB Power Supply AC Clip for Europe (EU)	▸This AC Clip is normally included with PWR-WUA5V6W0WW	USB Power Supply (PWR-WUA5V6W0WW)
CN-000803-06		Spare/Replacement USB Power Supply AC Clip for UK (UK)	▸This AC Clip is normally included with PWR-WUA5V6W0WW	USB Power Supply (PWR-WUA5V6W0WW)

CN-000803-07		USB Power Supply AC Clip for China (CHN)	▸straight pins China plug	USB Power Supply (PWR-WUA5V6W0WW)
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)
PWRS-124306-01R		USB Power Supply	▸Power Supply ▸Includes four international plugs for US, UK, EU, and AU ▸5V, 1.2A output ▸Discontinued 3/2017, now use PWR-WUA5V6W0WW	Rugged Charging Cable (CBL-TC55-CHG1-01) which normally ships with each TC55 unit.
PSP4U (3rd party) * http://www.portsmith.com		Spider Cable 4-Port USB Charger	▸Can connect directly to up to TC55 USB port ▸USB Micro-B connectors ▸Regulated Power - built in power conditioning, and regulation, the PSP4U will ensure that your USB devices are provided clean power. In the case where a device creates a fault, the PSP4U will prevent over current draw and will indicate a fault with a red LED. ▸Fast Charging for All - provides 1.2A per leg, not distributed across all four. This means all your devices will charge faster, and will every time, regardless of how devices are plugged into the PSP4U. ▸Consolidated Power - maximizes charging utility per wall outlet as well as valuable desktop space. ▸Includes Power Supply and Line Cord	
CAC400-1000UR		Consumer Class Auto Charge (Cigarette Lighter) Adapter Cable	▸Discontinued 10/2016 - PMB 2890 ▸12V ▸Connects to micro-USB port on TC55 or to port on bottom of Vehicle Cradle (CRD-TC55-VCD1-01) (recommended method) ▸Designed for personal vehicle/casual use ▸Slower charging than VCA400-01R	
VCA400-02R		Commercial Class Auto Charge (Cigarette Lighter) Adapter Cable	▸Designed for commercial vehicle use ▸12/24V heavy duty with rapid charge and replaceable fuse. ▸Connects to micro-USB port on TC55 or to port on bottom of Vehicle Cradle (CRD-TC55-VCD1-01) (recommended method) ▸Meets SAE spec's.	
VCA400-01R		Commercial Class Auto Charge (Cigarette Lighter) Adapter Cable	▸Discontinued 11/2016, now use VCA400-02R - PMB 2829 ▸Designed for commercial vehicle use ▸12/24V heavy duty with rapid charge and replaceable fuse. ▸Connects to micro-USB port on TC55 or to port on bottom of Vehicle Cradle (CRD-TC55-VCD1-01) (recommended method) ▸Meets SAE spec's.	

Batteries

Part Number	Picture	Description	Notes	Required Items
BTRY-TC55-29MA1-01 BTRY-TC55-29BR1-01 (for Brazil) BTRY-TC55-29MA1-IN (for India)		TC55 Spare 1X Battery (2940 mAh)	▸Provides 16 hours talk time ▸Provides 13 hours run time when using following profile: - AT&T cellular radio on - GPS radio on - Bluetooth radio off - WiFi radio on, not associated to AP (worse case) - 350 scans/hour - Send .5 MB data every 2 hours on AT&T 4G connection - Backlight on 50% brightness - Display on 75% of time, off 25% of time	
BTRY-TC55-44MA1-01 BTRY-TC55-44BR1-01 (for Brazil) BTRY-TC55-44MA1-01 (for India)		TC55 Spare 1.5X Battery (4410 mAh)	▸Provides 24 hours talk time ▸Provides 18.5 hours run time when using following profile: - AT&T cellular radio on - GPS radio on - Bluetooth radio off - WiFi radio on, not associated to AP (worse case) - 350 scans/hour - Send .5 MB data every 2 hours on AT&T 4G connection - Backlight on 50% brightness - Display on 75% of time, off 25% of time	
KT-TC55-29BTYD1-01		Standard capacity (1X) battery door kit	▸Discontinued 12/2017 - PMB 2970	1X Battery (BTRY-TC55-29MA1-01 or BTRY-TC55-29BR1-01)
KT-TC55-44BTYD1-01		High capacity (1.5X) battery door kit	▸Discontinued 12/2017 - PMB 2970	1.5X Battery (BTRY-TC55-44MA1-01 or BTRY-TC55-44BR1-01)