



## VC8x Series Technical Accessory Guide



**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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### Communication Cables and Accessories

Part Number	Picture	Description	Notes	Required Items
CBL-TC2X-USBC-01 or CBL-TC5X-USBC2A-01		USB-C cable for VC8300 ADB connection	<ul style="list-style-type: none"> <li>► USB-A to USB-C cable</li> <li>► Attaches to USB-C port under the top cover of the VC8300 to enable ADB (Android Debug Bridge) connection.</li> </ul>	
25-124330-01R		micro-USB cable for VC80X ADB connection	<ul style="list-style-type: none"> <li>► USB-A to micro-USB cable</li> <li>► Attaches to micro-USB port under the top cover of the VC80X to enable ADB (Android Debug Bridge) connection.</li> </ul>	
CBA-UF6-C09ZAR-KIT		VC8x to 36xx Series Scanner Cable (USB)	<ul style="list-style-type: none"> <li>► Cable rated for 1.2A current</li> <li>► Coiled cable is 9 ft long when extended and is about 5 ft. long when un-extended.</li> <li>► Rated to -30°C for freezer environment use.</li> <li>► When connected to STB3678/FLB3678, will charge a fully depleted battery in about 4.5 hours if host USB port is BC 1.2 compatible or about 10.5 hours for USB 2.0 host ports.</li> </ul>	
CBA-UF8-C12ZAR		VC8x to 36xx Series Scanner Cable (USB)	<ul style="list-style-type: none"> <li>► Cable rated for 1.2A current</li> <li>► Coiled cable is 12 ft long when extended</li> <li>► Rated to -30°C for freezer environment use.</li> <li>► When connected to STB3678/FLB3678, will charge a fully depleted battery in about 4.5 hours if host USB port is BC 1.2 compatible or about 10.5 hours for USB 2.0 host ports.</li> </ul>	
CBA-UF6-C12ZAR		VC8x to 36xx Series Scanner Cable (USB)	<ul style="list-style-type: none"> <li>► Cable rated for 1.2A current</li> <li>► Coiled cable is 9 ft long when extended (even though SKU indicates 12 ft.) and is about 5 ft. long when un-extended. Use CBA-UF8-C12ZAR for a true 12 ft. length cable.</li> <li>► Rated to -30°C for freezer environment use.</li> <li>► When connected to STB3678/FLB3678, will charge a fully depleted battery in about 4.5 hours if host USB port is BC 1.2 compatible or about 10.5 hours for USB 2.0 host ports.</li> </ul>	



CBA-U12-C09ZAR		Generic Cable to Scanners 34xx/35xx Cable (USB)	<ul style="list-style-type: none"> <li>► Provides enough power for DS3508-ER</li> <li>► 9 ft long when extended</li> </ul>	
CBA-U09-C15ZAR		Generic Cable to Scanners 34xx/35xx Cable (USB)	<ul style="list-style-type: none"> <li>► Provides enough power for DS3508-ER</li> <li>► 15 ft long when extended</li> </ul>	
CBA-R71-C09ZAR		VC8x to 36xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> <li>► VC8x provides power to scanner on pin 9 (COM 1 port)</li> <li>► Provides enough power for DS3608-ER in default power mode.</li> <li>► 9 ft. coiled cable</li> </ul>	
CBA-RF2-C09ZAR		VC8x to 36xx Series Scanner Cable (Serial) (Freezer Rated)	<ul style="list-style-type: none"> <li>► Rated to -30°C for freezer environment use.</li> <li>► VC8x provides power to scanner on pin 9 (COM 1 port)</li> <li>► Provides enough power for DS3608-ER in default power mode.</li> <li>► 9 ft. coiled cable</li> </ul>	
CBA-R37-C09ZBR		VC8x to 34xx/35xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> <li>► VC8x provides power to scanner on pin 9 (COM1 or COM2 port)</li> <li>► Provides enough power for DS3508-ER.</li> <li>► 9 ft. coiled cable</li> <li>► Includes improved TTL current limit protection vs. CBA-R37-C09ZAR.</li> </ul>	
CBA-R37-C09ZAR		VC8x to 34xx/35xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> <li>► To be discontinued 4/2020, now use CBA-R37-C09ZBR - see PMB 10343.</li> <li>► VC8x provides power to scanner on pin 9 (COM1 or COM2 port)</li> <li>► Provides enough power for DS3508-ER.</li> <li>► 9 ft. coiled cable</li> <li>► Includes improved strain relief design from CBA-R36-C09ZAR</li> </ul>	
CBA-R36-C09ZAR		VC80 to 34xx/35xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> <li>► Discontinued 3/2013, now use CBA-R37-C09ZAR</li> <li>► VC80 provides power to scanner on pin 9 (COM1 or COM2 port)</li> <li>► Provides enough power for DS3508-ER.</li> <li>► 9 ft. coiled cable</li> </ul>	



KT-SCANMNT-VC80-R		Side Mount Scanner Holder	<ul style="list-style-type: none"> <li>► Used to mount an external Scanner (i.e. LS/DS 34xx/35xx) on the side of the VC8x.</li> <li>► Eliminates the need for a scanner Tool Balancer/Pulley</li> <li>► Two piece solution - bottom piece pictured attaches to side of VC8x. Top piece pictured attaches to bottom piece and holds scanner.</li> <li>► Mounting hardware (screws) included.</li> <li>► LI36xx/DS36xx will not fit properly in this mount unless it is bent a little to make the bracket/mount wider.</li> </ul>	
P1031365-053		QLn Printer Serial Cable	<ul style="list-style-type: none"> <li>► Connects to serial port on VC8x</li> <li>► 6 ft. straight cable</li> </ul>	
P1031365-055		QLn Series Printer USB Cable	<ul style="list-style-type: none"> <li>► Connects to USB port on VC8x</li> <li>► 6 ft. straight cable</li> </ul>	
M1000		External Push-To-Talk (PTT) Speaker Microphone	<ul style="list-style-type: none"> <li>► External side-mount PTT microphone and speaker</li> <li>► Enables the device to replace a walkie-talkie by voice-over-IP</li> </ul>	
CA1300		Screen Blanking Cable	<ul style="list-style-type: none"> <li>► Allows VC8x screen to turn off while vehicle is in motion for enhanced safety</li> <li>► Connects to Serial port on VC8x</li> <li>► DB9 to open wire</li> <li>► Open wires are connected to user/vehicle supplied switch or relay</li> <li>► Control Panel option on VC8x enables screen blanking feature.</li> </ul>	
CB-000433-01		CAN Bus Cable	<ul style="list-style-type: none"> <li>► RJ45 to Deutsch connector</li> <li>► Requires VC8x SKU option with CAN-Bus.</li> <li>► Not compatible with VC80X or VC8300 (Android) units.</li> </ul>	



WA4070		Ethernet Adapter for VC80X or VC8300	<ul style="list-style-type: none"> <li>► USB to Ethernet adapter with USB extension cable</li> <li>► Compatible with VC80X or VC8300 (Android) units.</li> </ul>	
3rd party *		Cellular/WWAN Gateway	<ul style="list-style-type: none"> <li>► Provides cellular connection to VC80 for installations where WiFi may not be available (i.e. spot trucks in yards)</li> <li>► Connects to VC80 via USB port.</li> <li>► Gateway is powered from VC80 USB port.</li> <li>► Supports various cellular carriers - AT&amp;T, Verizon, T-Mobile, Rogers.</li> <li>► Not compatible with VC80X or VC8300 (Android) units.</li> </ul>	
<a href="http://www.multitech.com/brands/multiconnect-cell-100-series">http://www.multitech.com/brands/multiconnect-cell-100-series</a>				
<b>Vehicle Mounting Hardware and Accessories</b> see additional mounting options in the Common Mounting Systems TAG NOTE: When using RAM Mount hardware with VC8X RAM D-size (2.25") ball mounts are recommended				
Part Number	Picture	Description	Notes	Required Items
MT4200		Quick Release Mount	<ul style="list-style-type: none"> <li>► Makes it easy to transfer VC8x to another vehicle or remove it for maintenance/repair.</li> <li>► No tools are required to dismount device.</li> <li>► Device can be removed in as little as 10 seconds</li> <li>► Can be used alone, in combination with the Cantilever Mount (MT1002), or Vesa Plate Base (MT3501)</li> <li>► Includes Quick Release Mount that attaches to sides of VC8x and Mounting Plate (MT4205) that attaches to forklift.</li> <li>► VC8x can be mounted to Quick Release Mount on an angle for easier viewing.</li> <li>► Internal P/N 1917726</li> </ul>	
MT4205		Mounting Plate for Quick Release Mount	<ul style="list-style-type: none"> <li>► Spare/extra Mounting Plate</li> <li>► Allows one VC8x unit to be quickly and easily attached to more than one forklift.</li> <li>► Can be mounted to the Cantilever Mount (MT1002) or Vesa Plate Base (MT3501)</li> </ul>	Quick Release Mount (MT4200)



KT-U-MOUNT-VC80-R		U-Mount Bracket with Adapter	<p>► Bracket uses the same vehicle mounting holes as the VC5090, VC70 (KT-U-MOUNT-VC70-R) and 8585/8595 (MT3421) U-Mount brackets for easy migration.</p>  <p>► Includes Adapter Bracket for legacy U Mounts (MNT-VC80-ADPA1-1) ► Includes mounting hardware</p>	
MT3410		Heavy Duty Mount Kit	<p>► Discontinued 4/2015 ► Allows VC80 to be angled in three positions, as needed (0°, 15°, and 30°)</p>	Adapter Bracket for 82xx series Quick Release Mount (MT4210)
MNT-VC80-ADPA1-1		Adapter Brackets for VC5090 U-Mount Bracket	<p>► Allows VC8x to be used with the VC5090 U-Mount Bracket (90500116-R) ► Includes mounting hardware</p>	
MNT-VC80-ADPB1-1		Adapter Brackets for LXE/Honeywell U-Mount Brackets	<p>► Allows VC8x to be used with LXE/Honeywell U-Mount brackets - HON P/N VM1010BRKTKIT ► Includes mounting hardware</p>	



MT4210		Adapter Bracket for 82xx series Quick Release Mount	<ul style="list-style-type: none"> <li>▶ Allows VC8x to be used with the 82XX Series Quick Release Mount (PN 18457 for Mount and PN 17529 for Mounting Plate)</li> </ul>	
MT1002		Cantilever Mount	<ul style="list-style-type: none"> <li>▶ Discontinued 12/2015 - PMB 2723</li> <li>▶ Attaches to fork lift pole</li> <li>▶ Includes mounting hardware</li> <li>▶ VC80 can be attached to the mount's VESA plate using:</li> </ul> <p>(1) Quick Release Mount (MT4200 and MT4205) or (2) RAM mount arm (MT3501, MT4301/MT4302, and MT4510)</p>	
MT4510		RAM Rectangular Base with mounting hardware	<ul style="list-style-type: none"> <li>▶ Base will install directly on the back of the VC8x using included hardware.</li> <li>▶ 2"x3" base</li> <li>▶ RAM D-size ball</li> <li>▶ Uses RAM Mount P/N RAM-D-202U-23 and includes hardware for mounting to back of VC8x</li> </ul>	<p>Typically used along with the following:</p> <ol style="list-style-type: none"> <li>1. RAM Double Socket Arm</li> <li>2. RAM Clamp Base, Rail Base or Round Plate Base.</li> </ol> <p>Refer to Common Mounting Systems TAG for details.</p>
MT3501		RAM VESA Plate Base with mounting hardware	<ul style="list-style-type: none"> <li>▶ Attaches to Quick Release Mount (MT4200) and is typically used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount VC8x on any plane.</li> <li>▶ RAM D-size (2.25") ball connected to a 4.75" square plate with 4x100mm holes and 4x75mm holes in each corner.</li> <li>▶ Includes 4 bolts, nuts, and lock washers</li> <li>▶ Uses RAM Mount P/N RAM-D-246 and includes hardware for attaching to MT4200 Quick Release Mount</li> </ul>	<p>▶ Quick Release Mount (MT4200)</p> <p>Typically used along with the following:</p> <ol style="list-style-type: none"> <li>1. RAM Double Socket Arm</li> <li>2. RAM Clamp Base, Rail Base or Round Plate Base.</li> </ol> <p>Refer to Common Mounting Systems TAG for details.</p>
100142 (3rd party) *		ProClip VC8X AMPS Adapter Plate	<ul style="list-style-type: none"> <li>▶ Adapts the VC8X back hole pattern to industry standard AMPS hole pattern.</li> <li>▶ Plate attaches to back of VC8X and is threaded for M4 screws.</li> <li>▶ Recessed for flush mounting.</li> <li>▶ Allows ProClip Heavy-Duty Forklift Mounts to be used with VC8X.</li> </ul>	
<b>Misc</b>				
Part Number	Picture	Description	Notes	Required Items
KT-SPRTCT-VC70-05R		VC80/VC80X Screen Protector (pack of 5)	<ul style="list-style-type: none"> <li>▶ Compatible with VC80 and VC80X (10" display)</li> </ul>	





KT-AREFL-VC83-8-1		VC8300 Anti-Reflective Screen Overlay (pack of 3)	<ul style="list-style-type: none"> <li>► Compatible with VC8300 (8" display)</li> <li>► Foil screen overlay helps minimize reflections from overhead lighting.</li> </ul>	
KT-KBOVL-VC83-10		VC8300 Keyboard Overlay (pack of 10)	<ul style="list-style-type: none"> <li>► Overlay is installed on top of VC8300 keyboard and provides legend for special characters.</li> <li>► Can be used by customers that prefer key sequences for accessing special characters vs. using Diamond key and on-screen special character selector.</li> <li>► StageNow barcode can be used to program VC8300 to access the overlay's special characters using Blue Function + key.</li> <li>► NOTE: This is a custom product. Please work with your Zebra representative to open a Custom Product Request (CPR) if you would like to order this item.</li> </ul>	
AN2010		External antenna for indoor/outdoor use Dual Band (2.4Ghz/5Ghz)	<ul style="list-style-type: none"> <li>► Used when the VC8x is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>► Dual band, 802.11a/b/g/n/ac, 2 dBi, RPSMA connector, magnetic mount, 2.9 meter cable</li> </ul>	
AN2020		External antenna for indoor/outdoor use (2.4Ghz only)	<ul style="list-style-type: none"> <li>► Used when the VC8x is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>► 2.4 GHz, 802.11 b/g, 5 dBi, RPSMA connector, magnetic mount, 2.9 meter cable</li> </ul>	
AN2030		External antenna for indoor/outdoor use Dual Band (2.4Ghz/5Ghz) Stubby	<ul style="list-style-type: none"> <li>► Used when the VC8x is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>► Whip antenna (stubby), dual band, 802.11 a/b/g/n/ac, 2.4GHz 2dBi, 5GHz 3.7dBi, RPSMA connector</li> <li>► Articulating antenna - can be rotated 360 degree and has 3 positive stops: straight, 45° and 90° bend.</li> </ul>	
20667-002		External antenna for indoor/outdoor use (2.4Ghz only) Stubby	<ul style="list-style-type: none"> <li>► Used when the VC8x is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>► Whip antenna (stubby), 802.11 b/g, 2.4GHz 2dBi, RPSMA connector</li> <li>► Antenna does not articulate</li> </ul>	
AN000090A01		Spare Active GNSS (GPS) external antenna	<ul style="list-style-type: none"> <li>► NOTE: This antenna is already included with VC80 configurations using GPS.</li> <li>► Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>► SMA connector, magnetic mount, 2.9 meter cable.</li> <li>► Not compatible with VC80X or VC8300 (Android) units.</li> </ul>	



AR1000		Right Angle SMA reverse polarity plug-jack Adapter	Provides additional direction options for external antennas	
SPR-SMA-DC-10		External Antenna Jack Dust Cover (pack of 10)	<ul style="list-style-type: none"> <li>► Used to cover external antenna jacks on top of VC80X or VC8300 unit when the internal antennas are used.</li> <li>► Prevents dust and dirt from getting into external antenna jacks.</li> <li>► Two dust covers will be needed for each VC80X or VC8300 unit. Pack of 10 covers will supply enough covers for five devices.</li> </ul>	
SL0001		Stylus and Stylus Holder		
3rd party *		Locking USB port cover/insert	<ul style="list-style-type: none"> <li>► Prevents unauthorized access/use of USB ports on bottom of VC8x</li> <li>► Requires "key" to install and remove the USB insert</li> <li>► Covers/inserts can be ordered in different colors, each color having a unique "key"</li> </ul>	
<a href="http://www.lindy-usa.com/usb-port-blocker-pack-of-4-color-code-white-40454.html">http://www.lindy-usa.com/usb-port-blocker-pack-of-4-color-code-white-40454.html</a>				





## Headset/Audio Accessories

Part Number	Picture	Description	Notes	Required Items
See HS2100-HS3100 Accessories Document		HS3100 Rugged Bluetooth Headset	<ul style="list-style-type: none"> <li>► HD Voice, also known as Wide Band Audio, brings incredible audio clarity</li> <li>► Built to handle the everyday inevitable drops</li> <li>► Dustproof, sprayproof and waterproof</li> <li>► Ready for the freezer and outdoor subzero temperatures</li> <li>► Feather-light for extraordinary comfort</li> <li>► Noise cancellation for a superior voice experience in the noisiest environments</li> <li>► Swap batteries on the fly — without losing the Bluetooth connection</li> <li>► Split-second tap-to-pair simplicity using NFC.</li> <li>► Detachable swivel boom minimizes costs.</li> <li>► Swivelling boom mutes microphone allowing uses to prevent voice pick applications from recognizing non-voice pick conversations.</li> <li>► User-replaceable pads and windscreens maximize comfort and hygiene</li> <li>► 15 hours of battery power</li> </ul>	See HS2100/HS3100 Accessories Document for headset accessories
various Bluetooth models B550-XT B350-XT C400-XT C300-XT (3rd party) * <a href="http://www.blueparrott.com">http://www.blueparrott.com</a>		BlueParrott Bluetooth Headsets	<ul style="list-style-type: none"> <li>► Various Bluetooth models available with options that include:               <ul style="list-style-type: none"> <li>- Blocking out 96% of background noise</li> <li>- Over 24 hours of talk time</li> <li>- NFC Tap to Pair capable</li> <li>- Bluetooth wireless range capable up to 300 ft.</li> <li>- Convertible wearing options: over the head, behind the neck.</li> </ul> </li> </ul> See BlueParrot site for model specific options.	



<p>3PTY-VXI-B350XT</p> <p>(Zebra orderable SKU)</p> <p><a href="http://www.vxicorp.com">http://www.vxicorp.com</a></p>		<p>BlueParrott Bluetooth Headset for voice directed applications</p> 	<ul style="list-style-type: none"> <li>▶ Discontinued 10/2018, now use HS3100 series - PMB 10005</li> <li>▶ Used to enable Voice Directed Picking (VDP) or Speech Applications in warehouse environments when the use of a wireless headset is desired</li> <li>▶ <b>Not</b> intended to support peer-to-peer communications (PTT) or VoIP calls.</li> <li>▶ Provides 24 hours talk time.</li> <li>▶ Allows the use of other BT devices (i.e. RS6000 scanner or mobile printer)</li> <li>▶ Zebra Compatible certification for VDP application use with MC32.</li> </ul>	
<p>3PTY-VXI-B250XTP</p> <p>(Zebra orderable SKU)</p> <p><a href="http://www.vxicorp.com">http://www.vxicorp.com</a></p>		<p>BlueParrott Bluetooth Headset for voice directed applications</p> 	<ul style="list-style-type: none"> <li>▶ Discontinued 10/2018, now use HS3100 series - PMB 10005</li> <li>▶ Used to enable Voice Directed Picking (VDP) or Speech Applications in warehouse environments when the use of a wireless headset is desired</li> <li>▶ <b>Not</b> intended to support peer-to-peer communications (PTT) or VoIP calls.</li> <li>▶ Provides 20 hours talk time.</li> <li>▶ Allows the use of other BT devices (i.e. RS6000 scanner or mobile printer)</li> </ul>	
<p>3PTY-VXI-EXPWAYII</p> <p>(Zebra orderable SKU)</p> <p><a href="http://www.vxicorp.com">http://www.vxicorp.com</a></p>		<p>BlueParrott Bluetooth Headset for voice directed applications</p> 	<ul style="list-style-type: none"> <li>▶ Discontinued 10/2018, now use HS3100 series - PMB 10005</li> <li>▶ Used to enable Voice Directed Picking (VDP) or Speech Applications in warehouse environments when the use of a wireless headset is desired</li> <li>▶ <b>Not</b> intended to support peer-to-peer communications (PTT) or VoIP calls.</li> <li>▶ Provides 8 hours talk time.</li> <li>▶ Allows the use of other BT devices (i.e. RS6000 scanner or mobile printer)</li> <li>▶ Zebra Compatible certification for VDP application use with MC92, VC70, WT41 and MC32.</li> </ul>	
<p>APTT1</p> <p>(3rd party) *</p> <p><a href="https://www.aina-wireless.com/">https://www.aina-wireless.com/</a></p>		<p>Aina Push-To-Talk (PTT) Bluetooth Voice Responder Remote Speaker/Mic (RSM)</p>	<ul style="list-style-type: none"> <li>▶ 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).</li> <li>▶ Includes clip for attaching device to clothing for lapel speaker/mic usage.</li> <li>▶ Features several buttons which the application developers can assign to different functions.</li> <li>▶ Users can remotely control functions such as push-to-talk, phone calls, channel switching and emergency alerts.</li> <li>▶ Device is ruggedized, MIL-STD 810G and IP67.</li> <li>▶ Long lasting battery designed for 24 hour approx battery life. Can be recharged via micro-USB port.</li> <li>▶ Includes 3.5mm headset jack allowing headphones to be connected for keeping conversations more private.</li> <li>▶ Can be easily paired to mobile computer using NFC tap-to-pair.</li> </ul>	










<p>H3-B-1 (3rd party) *</p> <p><a href="https://www.dellking.com">https://www.dellking.com</a></p>		<p>Wandfu H3 Push-To-Talk (PTT) Bluetooth Remote Speaker/Mic (RSM)</p>	<ul style="list-style-type: none"> <li>▶ 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).</li> <li>▶ Includes clip for attaching device to clothing for lapel speaker/mic usage.</li> <li>▶ Includes 3.5mm headset jack allowing headphones to be connected for keeping conversations more private.</li> </ul>	
<p>BTR-155 (3rd party) *</p> <p>K551011 (Zebra orderable SKU) ▶ Discontinued 3/2019, now order from Savox</p> <p><a href="https://www.savoxaccessories.com">https://www.savoxaccessories.com</a></p>		<p>Savox BTR-155 Bluetooth Remote Speaker/Mic (RSM)</p>	<ul style="list-style-type: none"> <li>▶ 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).</li> <li>▶ Includes clip for attaching device to clothing for lapel speaker/mic usage.</li> <li>▶ Rugged wireless speaker microphone IP55.</li> <li>▶ Allows cable-free movement</li> <li>▶ Familiar speaker microphone functions; PTT and volume buttons</li> <li>▶ Includes 2.5mm headset jack allowing headphones to be connected for keeping conversations more private.</li> <li>▶ LED status indication</li> <li>▶ High speaker volume</li> <li>▶ Includes: <ul style="list-style-type: none"> <li>- Savox RSM</li> <li>- Modular Wired earpiece</li> <li>- Wall Charger</li> <li>- USB Cable</li> <li>- Quick Start Guide</li> <li>- Carrying Strap</li> </ul> </li> </ul>	
<p>BTH-101 (3rd party) *</p> <p><a href="https://www.savoxaccessories.com">https://www.savoxaccessories.com</a></p>		<p>Savox Push-To-Talk (PTT) Bluetooth Headset</p>	<ul style="list-style-type: none"> <li>▶ 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).</li> <li>▶ Also operates as standard Bluetooth headset for taking phone calls.</li> <li>▶ Device is lightweight and ruggedized, IP55.</li> </ul>	
<b>Power Options</b>				
Part Number	Picture	Description	Notes	Required Items
CA1210		Power Supply Cable	<ul style="list-style-type: none"> <li>▶ Connects to vehicle power supply/battery or PS1370 Voltage Pre-Regulator</li> <li>▶ 6 ft. long, waterproof</li> <li>▶ Internal P/N CB000309A01</li> </ul>	





CA1220		Power Supply Cable - with ignition sense	<ul style="list-style-type: none"> <li>► Connects to vehicle power supply/battery</li> <li>► 6 ft. long, waterproof</li> <li>► Connects to ignition switch on forklift to suspend device after ignition is turned off</li> <li>► Internal P/N CB000308A01</li> </ul>	
CA1230		Power Supply Cable for Pre-Regulator - with ignition sense	<ul style="list-style-type: none"> <li>► Used with External Voltage Pre-Regulator (PS1370)</li> <li>► Includes ignition sense cable which can be optionally used to connect to ignition switch on forklift and suspend device after ignition is turned off</li> <li>► Internal P/N 13985-303</li> </ul>	
CB000416A01		VC70 Power Cable to VH10/VC8x Converter Cable	<ul style="list-style-type: none"> <li>► Allows VH10 or VC8x to be powered from VC70 power cable</li> <li>► Allows forklifts wired for VC70 to be easily converted to VH10 or VC8x.</li> </ul>	VC70 Power Cable (25-159551-01)
CB000417A01		VC5090 Power Cable to VH10/VC8x Converter Cable	<ul style="list-style-type: none"> <li>► Allows VH10 or VC8x to be powered from VC5090 power cable</li> <li>► Allows forklifts wired for VC5090 to be easily converted to VH10 or VC8x.</li> </ul>	VC5090 Power Cable (25-71919-xxR)
A9169798		LXE/Honeywell Power Cable to VH10/VC8x Converter Cable	<ul style="list-style-type: none"> <li>► Allows VH10 or VC8x to be powered from LXE/Honeywell power cable</li> <li>► Allows forklifts wired for VX8, VX9, VM1, VM2, and VM3 to be easily converted to VH10 or VC8x.</li> <li>► NOTE: Converter Cable is NOT compatible with freezer versions of VH10/VC8x. The higher current draw of the heater may exceed the rating of the Honeywell cable. The Honeywell cable must be replaced with the VH10/VC8x dedicated cable (CA1210, CA1220, etc.) instead - refer to PMB 2959.</li> </ul>	
A9169801		LXE/Honeywell Power and Screen Blanking Cable to VH10/VC8x Converter Cable	<ul style="list-style-type: none"> <li>► Allows VH10 or VC8x to be powered from LXE/Honeywell power cable</li> <li>► Allows forklifts wired for VX8, VX9, VM1, VM2, and VM3 to be easily converted to VH10 or VC8x.</li> <li>► Screen blanking cable connects to RS232 port.</li> <li>► NOTE: Converter Cable is NOT compatible with freezer versions of VH10/VC8x. The higher current draw of the heater may exceed the rating of the Honeywell cable. The Honeywell cable must be replaced with the VH10/VC8x dedicated cable (CA1210, CA1220, etc.) instead - refer to PMB 2959.</li> </ul>	



PS1370		External Voltage Pre-Regulator	<ul style="list-style-type: none"> <li>► Allows the installation of the VC8x on electric trucks with batteries greater than 48V</li> <li>► 19-90 VDC in, 15 VDC out, 90 W</li> </ul>	CA1210 (Power Supply Cable) connects vehicle power to PS1370 AND CA1230 (Power Supply Extension cable with Ignition Sense) connects PS1370 to VC8x
PS1450		AC Power Supply Kit	<ul style="list-style-type: none"> <li>► Includes 100/240 VAC Power Supply and Power Cable Adapter (CA4000)</li> <li>► 18V, 3.3A output (for older 1100666 power supply)</li> <li>► 10/2016 - Updated to include PWR-BGA12V72W0WW power supply which replaces 1100666 power supply. New power supply is 12V, 6A, 72W output and meets US DOE Level VI compliance for power efficiency - PMB 2851</li> </ul>	AC Line Cord (23844-00-00R)
PWR-BGA12V72W0WW		AC Power Supply	<ul style="list-style-type: none"> <li>► Used to power device from AC wall outlet.</li> <li>► 100-240 VAC, 12V, 6A, 72W</li> <li>► Provides US DOE Level VI compliance for power efficiency.</li> <li>► Replaces 1100666 Power Supply</li> </ul>	Power Adapter Cable (CA4000) and AC Line Cord (23844-00-00R)
CA4000		Power Cable Adapter	<ul style="list-style-type: none"> <li>► CPC connector to 100/240 VAC power supply</li> <li>► Included with PS1450 Supply Kit and needed when using PWR-BGA12V72W0WW Power Supply.</li> </ul>	
PWR-BGA24V150W0WW		AC Power Supply (High Power)	<ul style="list-style-type: none"> <li>► Cable is pre-built with round CPC connector.</li> <li>► 24V, 6.25A, 150W output and meets US DOE Level VI compliance.</li> <li>► Use with VC8x or VC8xx for fixed mount installations in cold environments (to power internal heaters) or for high power peripherals connected to USB/RS232 ports. For most installations, use PS1450.</li> </ul>	AC Line Cord (23844-00-00R)
PS1400		AC Power Supply	<ul style="list-style-type: none"> <li>► May be labeled PSA65U-180 or 1080362-001</li> <li>► Cable is pre-built with round CPC connector.</li> <li>► 18V, 3.3A output</li> <li>► Discontinued 8/2015 - PMB 2652</li> </ul>	9008693 (AC Line Cord) (or country specific line cord)
23844-00-00R		AC Line Cord	<ul style="list-style-type: none"> <li>► Used with Power Supply PWR-BGA12V72W0WW and Power Supply PS1450 (when it includes Power Supply PWR-BGA12V72W0WW).</li> <li>► This AC Line Cord is for use in North America. See the <b>AC Line Cords by Country</b> TAG for comparable line cords to use in other countries.</li> </ul>	



9008693		AC Line Cord	<ul style="list-style-type: none"> <li>► Used with PS1450 (when it includes Power Supply 1100666) or PS1400 AC Power Supply.</li> <li>► This AC Line Cord is for use in North America. See the <b>AC Line Cords by Country</b> TAG for comparable line cords to use in other countries.</li> </ul>	
<b>Keyboards</b> See External Keyboards Technical Accessory Guide (TAG) for additional keyboard options.				
Part Number	Picture	Description	Notes	Required Items
KYBD-QW-VC-01		QWERTY Keyboard	<ul style="list-style-type: none"> <li>► Based on the VH10 keyboard design</li> <li>► 12 direct Function keys with an additional 12 via shift function.</li> <li>► Dimmable backlit keys.</li> <li>► IP66, -30 to +50 C, condensing - for use in Freezer Applications</li> <li>► Build-in heaters and drainage system for error free operations even in heavy condensing environments</li> <li>► Industrial keyboard controller with temperature compensation</li> <li>► Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards</li> <li>► Two available cable lengths allowing the installation close the by VC or away from it.</li> <li>► Keyboard elastomer and cable are both field replaceable.</li> <li>► Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount.</li> </ul>	Keyboard Cable (CBL-VC80-KBUS1-01 or CBL-VC80-KBUS2-01)
KYBD-QW-VC80-S-1		QWERTY Keyboard Kit (short cable)	<ul style="list-style-type: none"> <li>► Based on the VH10 keyboard design</li> <li>► 12 direct Function keys with an additional 12 via shift function.</li> <li>► Dimmable backlit keys.</li> <li>► IP66, -30 to +50 C, condensing - for use in Freezer Applications</li> <li>► Build-in heaters and drainage system for error free operations even in heavy condensing environments</li> <li>► Industrial keyboard controller with temperature compensation</li> <li>► Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards</li> <li>► Short cable (22 cm/~8.5 in) allows installation close the by VC.</li> <li>► Keyboard elastomer and cable are both field replaceable.</li> <li>► Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount.</li> <li>► Kit includes QWERTY Keyboard (KYBD-QW-VC-01) and Keyboard Cable (CBL-VC80-KBUS1-01)</li> </ul>	








KYBD-QW-VC80-L-1		QWERTY Keyboard Kit (long cable)	<ul style="list-style-type: none"> <li>▶ Based on the VH10 keyboard design</li> <li>▶ 12 direct Function keys with an additional 12 via shift function.</li> <li>▶ Dimmable backlit keys.</li> <li>▶ IP66, -30 to +50 C, condensing - for use in Freezer Applications</li> <li>▶ Build-in heaters and drainage system for error free operations even in heavy condensing environments</li> <li>▶ Industrial keyboard controller with temperature compensation</li> <li>▶ Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards</li> <li>▶ Long cable (300 cm/~10 ft) allows installation farther away from the VC.</li> <li>▶ Keyboard elastomer and cable are both field replaceable.</li> <li>▶ Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount.</li> <li>▶ Kit includes QWERTY Keyboard (KYBD-QW-VC01) and Keyboard Cable (CBL-VC80-KBUS2-01)</li> </ul>	
KYBD-AZ-VC-01		AZERTY Keyboard	<ul style="list-style-type: none"> <li>▶ Based on the VH10 keyboard design</li> <li>▶ 12 direct Function keys with an additional 12 via shift function.</li> <li>▶ Dimmable backlit keys.</li> <li>▶ IP66, -30 to +50 C, condensing - for use in Freezer Applications</li> <li>▶ Build-in heaters and drainage system for error free operations even in heavy condensing environments</li> <li>▶ Industrial keyboard controller with temperature compensation</li> <li>▶ Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards</li> <li>▶ Two available cable lengths allowing the installation close the by VC or away from it.</li> <li>▶ Keyboard elastomer and cable are both field replaceable.</li> <li>▶ Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount.</li> </ul>	Keyboard Cable (CBL-VC80-KBUS1-01 or CBL-VC80-KBUS2-01)
CBL-VC80-KBUS1-01		VC8x Short Keyboard Cable for VH10 style keyboard	<ul style="list-style-type: none"> <li>▶ Short Cable length (22 cm / approx. 8.5 in)</li> <li>▶ Typically used when keyboard is mounted directly near the VC (i.e. on Keyboard Tray).</li> </ul>	
CBL-VC80-KBUS2-01		VC8x Long Keyboard Cable for VH10 style keyboard	<ul style="list-style-type: none"> <li>▶ Long Cable length (300 cm / approx. 10 ft)</li> <li>▶ Typically used when keyboard is mounted away from the VC.</li> </ul>	
1616314 (English) 1616315 (French) ▶ Discontinued 12/2018 - see PMB 10054 1616316 (German) ▶ Discontinued 12/2015 - PMB 2723		Small Keyboard	<ul style="list-style-type: none"> <li>▶ Connects to USB port on device</li> <li>▶ 86 keys, includes F1-F10 (F11-F12 shifted)</li> <li>▶ Includes mouse joystick</li> <li>▶ IP65 sealing</li> <li>▶ Cable length is 60 cm (~23")</li> <li>▶ Keys are NOT backlit</li> </ul>	Keyboard Tray (KT-KYBDTRAY-VC80-R) NOTE: Holes in Keyboard Tray will not align with mounting bolts on keyboard. Tray will need additional holes drilled to line up with keyboard bolts.



various		iKey keyboards	See <b>External Keyboards</b> Technical Accessory Guide (TAG) for iKey options.	Keyboard Tray (KT-KYBDTRAY-VC80-R) or RAM Mount keyboard mounting hardware
KT-KYBDTRAY-VC80-R		Keyboard Tray	<ul style="list-style-type: none"> <li>▶ Allows iKey or VH10 style keyboards to be mounted under the VC8x.</li> <li>▶ Not compatible with Small Keyboard unless additional holes are drilled into tray to line up with mounting bolts on the keyboard.</li> <li>▶ Includes mounting tray, tilting arms, knobs and screws</li> <li>▶ Compatible with Quick Release Mount (MT4200 or MT4210)</li> </ul>	
RAM-246U		RAM Mount base for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> <li>▶ Provides alternate solution to Keyboard Tray</li> <li>▶ 1.5" rubber ball (RAM C size), connected to a 4.75" square plate with 4x100mm holes and 4x75mm holes in each corner.</li> <li>▶ Base attaches to forklift</li> <li>▶ Uses RAM Mount P/N RAM-246U</li> </ul>	<ul style="list-style-type: none"> <li>▶ RAM Ball Mount for iKey Keyboards (RAM-202U)</li> <li>▶ RAM Mount arm for iKey Keyboards (RAM-201U)</li> </ul>
RAM-201U		RAM Mount 3" arm for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> <li>▶ Provides alternate solution to Keyboard Tray</li> <li>▶ Double socket arm, has a socket at both ends that accommodates 1.5" ball bases (RAM C size).</li> <li>▶ 3 inch length</li> <li>▶ A single spring inside the arm opens the end sockets, allowing you to pivot the ball and socket connection.</li> <li>▶ Connects RAM Mount base for iKey Keyboards (RAM-246U) to RAM Ball Mount for iKey Keyboards (RAM-202U)</li> <li>▶ Uses RAM Mount P/N RAM-201U</li> </ul>	<ul style="list-style-type: none"> <li>▶ RAM Mount base for iKey Keyboards (RAM-246U)</li> <li>▶ RAM Ball Mount for iKey Keyboards (RAM-202U)</li> </ul> 
RAM-202U		RAM Ball Mount for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> <li>▶ Provides alternate solution to Keyboard Tray</li> <li>▶ 1.5" diameter rubber ball (RAM C size) connected to a flat 2.5" diameter base.</li> <li>▶ Mount has pre-drilled holes, including the universal AMPS hole pattern.</li> <li>▶ Attaches to mounting holes on iKey or VH10 style keyboards</li> <li>▶ Uses RAM Mount P/N RAM-202U</li> </ul>	<ul style="list-style-type: none"> <li>▶ RAM Mount base for iKey Keyboards (RAM-246U)</li> <li>▶ RAM Mount arm for iKey Keyboards (RAM-201U)</li> </ul>
VC70 style Numeric keyboard				



KYBD-NU-VC70-03R		21-Key Numeric Keyboard	<ul style="list-style-type: none"> <li>► Connects to USB port on VC80. Secure locking USB connector screws are not used.</li> <li>► 21 Backlit keys</li> <li>► IP66 sealed</li> <li>► Mounts on side of VC80</li> <li>► Includes Keyboard Protection Grill (KT-KYBDGRL2-VC70-R)</li> </ul>	Keypad Mounting Bracket (KT-KYBDMNT-VC80-R)
KYBD-NU-VC70-01R		21-Key Numeric Keyboard	<ul style="list-style-type: none"> <li>► Discontinued 9/2013, now use KYBD-NU-VC70-03R</li> <li>► Connects to USB port on VC80. Secure locking USB connector screws are not used.</li> <li>► 21 Backlit keys</li> <li>► IP66 sealed</li> <li>► Mounts on side of VC80</li> </ul>	Keypad Mounting Bracket (KT-KYBDMNT-VC80-R)
KT-KYBDMNT-VC80-R		Side Mount Bracket for Numeric Keyboard	<ul style="list-style-type: none"> <li>► Allows Numeric Keyboard (KYBD-NU-VC70-03R) to be mounted on side of VC80</li> <li>► Includes mounting hardware (screws)</li> </ul>	
KT-KYBDGRL2-VC70-R		Keyboard Protection Grill for Numeric keyboard	<ul style="list-style-type: none"> <li>► This is a spare/replacement Protective Grill. It is normally included with KYBD-NU-VC70-03R.</li> <li>► Adds extra protection to keys by minimizing the keys' exposure.</li> </ul>	
<b>Replacement Equipment</b>				
Part Number	Picture	Description	Notes	Required Items
KT-VC80-BTRY1-01		Replacement Battery	<ul style="list-style-type: none"> <li>► Replacement backup battery</li> <li>► 2000 mAh</li> </ul>	



KT-VC80-SCRN1-01		Front Touch Screen (non-heated)	<p>► Includes:</p> <ul style="list-style-type: none"> <li>- VC80 front with touch screen</li> <li>- screws</li> <li>- EMI tape</li> </ul>	Recommend Modular Services Kit (ST2000) to ensure proper tools and screw torque is used.
KT-VC80-SCRH1-01		Front Touch Screen (heated)	<p>► Includes:</p> <ul style="list-style-type: none"> <li>- VC80 front with touch screen</li> <li>- screws</li> <li>- EMI tape</li> </ul>	Recommend Modular Services Kit (ST2000) to ensure proper tools and screw torque is used.
KYBD-QW-SP-01		Replacement QWERTY Keypad for VH10 style keyboard	► Wear Item Replacement for KYBD-QW VC-01 (includes Elastomer with hard caps)	
KYBD-AZ-SP-01		Replacement AZERTY Keypad for VH10 style keyboard	► Wear Item Replacement for KYBD-AZ VC-01 (includes Elastomer with hard caps)	
<b>Misc Replacement Equipment</b>				
Part Number	Picture	Description	Notes	Required Items
ST2000		Modular Services Kit	<p>► Includes:</p> <ul style="list-style-type: none"> <li>- ESD safe T6 Torx torque bit</li> <li>- ESD safe T10 Torx torque bit</li> <li>- Phillips #2 torque bit</li> <li>- ESD safe torque driver for bits</li> <li>- ESD mat with wrist strap</li> <li>- Keypad Bezel Removal tool needed to replace modular components such as displays, scanners, radios, keypads, modules, etc.</li> </ul>	