Accessories Guide

VEHICLE-MOUNTED COMPUTERS

VH10

VC80

VC80x

VC70

VEHICLE-MOUNTED COMPUTERS
Accessories Guide

VC80
Windows 7/10

VH10
Windows CE

VC70
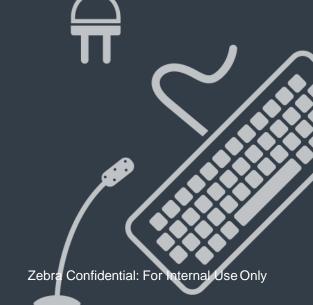**Windows CE**

VC80x
Android

ACCESSORIES GUIDE

The Zebra Technologies portfolio of accessories extends the capabilities of your **VH10**, **VC80, VC80x** or **VC70**, and enables you to lower the cost of ownership of your Zebra mobile computer.
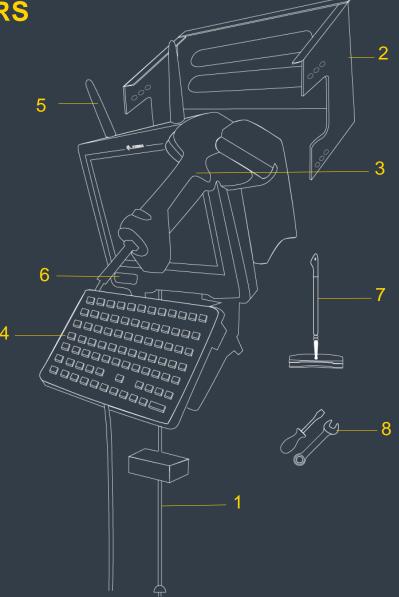
This simple step-by-step guide is designed to assist you with the selection of your accessories based on your needs and use of the computers.

![Zebra logo]

VEHICLE-MOUNTED COMPUTERS INSTALL ILLUSTRATION

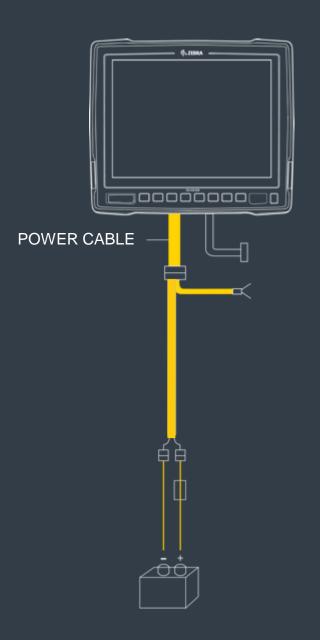| STEP	ACCESSORY	SLIDE
1	Power Supplies & Cables	6-14
2	Mounts	15-19
3	Scanners	20-22
4	Keyboards	23-25
5	Antennas	26-28
6	Voice	29-30
7	Miscellaneous	31-32
8	Service Parts	33-34

STEP 1: POWER SUPPLIES AND CABLES
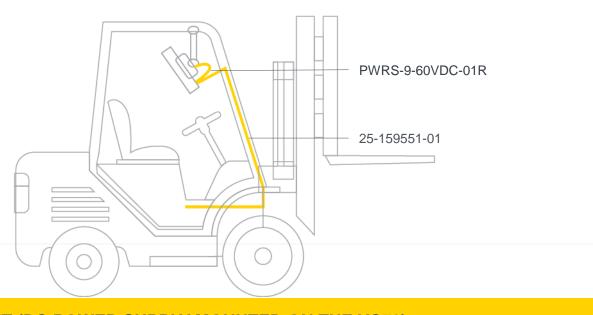
CHOOSE FROM MULTIPLE INSTALLATION CASES:

- PLUG INTO AN AC WALL OUTLET

  - **VH10, VC70, VC80, VC80x** —————— SLIDE 6

- PLUG INTO THE VEHICLE'S DC POWER

  - **VC70** ——————— SLIDE 7-9
  - **VH10, VC80, VC80x** ——————— SLIDE 10-14

POWER CABLE

ZEBRA

CBL-DC-389A1-01

PWR-BGA12V108W0WW

23844-00-00R

				VH10	**VC70**	**VC80 VC80x**
POWERED BY PLUGGING INTO AN AC WALL OUTLET						
	AC POWER CABLE US AC line cord, 7.5 feet long, grounded, three wire for the AC power supplies PS1450 and PWR-BGA12V108W0WW. Associated Countries: United States.		**| ID:** 23844-00-00R	●	●	●
	AC POWER SUPPLY for VC70 Order country specific 3 wire grounded AC line cord separately.		**| ID:** PWR-BGA12V108W0WW		●	
	DC POWER SUPPLY ADAPTER CABLE for VC70 6.5', required when the PWR-BGA12V108W0WW is used.		**| ID:** CBL-DC-389A1-01		●	
	AC POWER SUPPLY for VH10, VC80, VC80x 100/240 VAC Power Supply, 12V, 6A, order AC cable separate		**| ID:** PS1450	●		●
	AC POWER SUPPLY for VC80 and VC80x 100/240 VAC Power Supply, 24V, 6.5A, order AC cable separate		**| ID:** PS000145A01			●

PWRS-9-60VDC-01R

25-159551-01

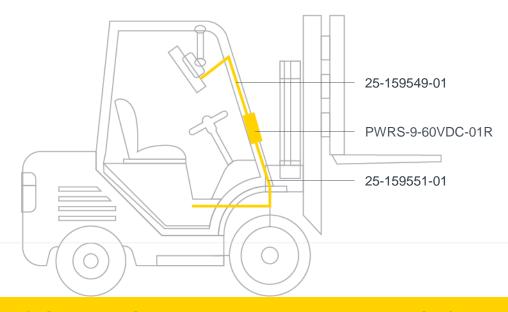| VC70	VEHICLE MOUNT (DC POWER SUPPLY MOUNTED ON THE VC70)
Buy both	**DC POWER SUPPLY | ID:** PWRS-9-60VDC-01R External DC Power supply,VC70, 9-60VDC Requires 25-159551-01 fused DC power cable to vehicle battery
	DC POWER CABLE | ID: 25-159551-01 Cable, external 9-60V DC power supply to vehicle battery, 10', includes fuse, VC70. Required for the PWRS-9-60VDC-R

25-159549-01

PWRS-9-60VDC-01R

25-159551-01

VC70	VEHICLE MOUNT (DC POWER SUPPLY NOT MOUNTED ON THE VC70)

Buy all of these

EXTENSION CABLE | ID: 25-159549-01
Cable, external power supply to VC70 extender. 6.5', VC70. Required when the PWRS-9-60VDC-01R is not mounted on the back of the VC70.

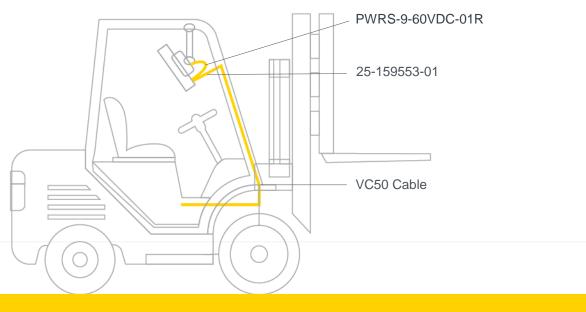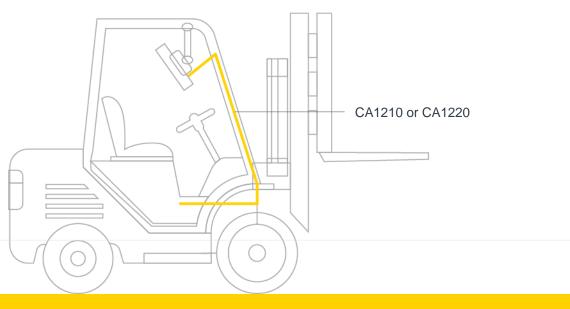### DC POWER SUPPLY | ID: PWRS-9-60VDC-01R
External DC Power supply, VC70, 9-60VDC Requires 25-159551-01 fused DC power cable to vehicle battery

DC POWER CABLE | ID: 25-159551-01
Cable, external 9-60V DC power supply to vehicle battery, 10', includes fuse, VC70. Required for the PWRS-9-60VDC-R

PWRS-9-60VDC-01R

25-159553-01

VC50 Cable

VC70	VEHICLE MOUNT (WHEN REPLACING THE VC50 AND REUSING THE VC50 DC POWER CABLE)

Buy both		**DC POWER SUPPLY** **| ID:** PWRS-9-60VDC-01R External DC Power supply,VC70, 9-60VDC Requires 25-159551-01 fused DC power cable to vehicle battery
		POWER ADAPTER CABLE | ID: 25-159553-01 Cable, external power supply to existing VC5090 power cable (25-71919-03R or 25-71919-04R), includes fuses, 2', VC70

CA1210 or CA1220

VH10, VC80, VC80x	VEHICLE MOUNT (POWER SUPPLY IS INSIDE THE COMPUTER)

Pick one

DC POWER CABLE | ID: CA1210
Power Extension Cable, DC, 6', waterproof

DC POWER CABLE | ID: CA1220
Power Extension Cable DC, 6', waterproof - Includes Screen Blanking feature

CB000417A01

VC50 Cable

VH10, VC80, VC80x **VEHICLE MOUNT (WHEN REPLACING VC50 AND REUSING THE VC50 DC POWER CABLE)**

POWER ADAPTER CABLE | ID: CB000417A01
DC Power Adapter to VC50
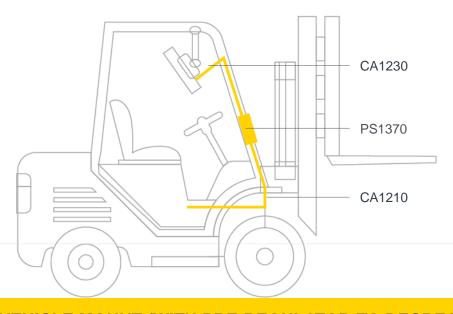
CB000416A01

25-159551-01

VH10, VC80, VC80x

VEHICLE MOUNT (WHEN REPLACING VC70 AND REUSING THE VC70 DC POWER CABLE)

POWER ADAPTER CABLE | ID: CB000416A01
DC Power Adapter to VC70

CA1230

PS1370

CA1210

VH10, VC80, VC80x	VEHICLE MOUNT (WITH PRE-REGULATOR TO DECREASE VOLTAGE - FOR TRUCKS WITH BATTERIES GREATER THAN 48V)

Buy all three

DC POWER CABLE | ID: CA1230
DC Power Adapter to VC70

PRE-REGULATOR | ID: PS1370
Pre-Regulator, 24 - 90 VDC in, 15 VDC out, 90 W

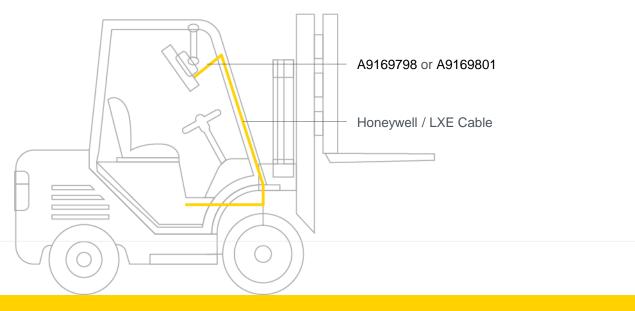**DC POWER CABLE | ID:** CA1210
Power Extension Cable, DC, 6', waterproof

A9169798 or A9169801

Honeywell / LXE Cable

VH10, VC80, VC80x	VEHICLE MOUNT (WHEN REPLACING A HONEYWELL/LXE VC AND REUSING THE DC POWER CABLE)

POWER ADAPTER CABLE | ID: A9169798
Adapter CPC to LXE/Honeywell VX8, VX9, VM1, VM2 AND VM3 DC Power Extension Cable

POWER AND SCREEN BLANKING ADAPTER CABLE | ID: A9169801
Adapter CPC and serial to LXE VX8 and VX9 DC Power Extension and Screen Blanking Cable

STEP 2: MOUNTS 🔩

YOUR MOUNTING OPTIONS DEPEND ON YOUR COMPUTER.

FOR VH10, VC80, VC80x —— SLIDES 16 AND 17
CHOOSE BETWEEN THE FOLLOWING:
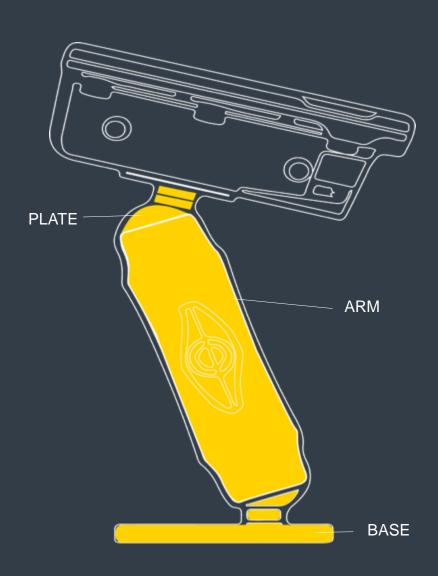
- RAM MOUNT
- QUICK-RELEASE MOUNT
- ADAPTER BRACKET FOR 82XX MOUNTS
- ADAPTER BRACKETS FOR LEGACY VCs
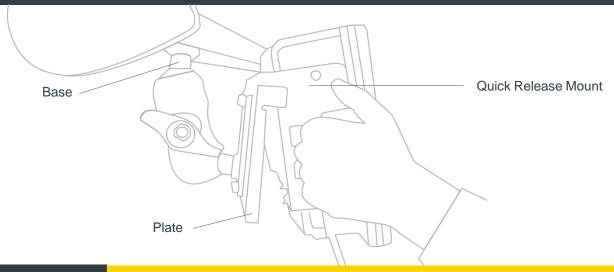
FOR THE VC70, CHOOSE ONE: —— SLIDE 18

- RAM MOUNT
- U MOUNT
- ADAPTER BRACKET FOR VC50 MOUNT

YOU CAN ALSO SELECT A RAM FIXED —— SLIDE 19
MOUNT BASED ON YOUR VEHICLE THAT
WORKS WITH THE VH10, VC70 , VC80 AND VC80x.

PLATE

ARM

BASE

Base

Quick Release Mount

Plate

FOR VH10, VC80, VC80x	DO YOU NEED A RAM MOUNT, A QUICK RELEASE MOUNT, OR ADAPTERS TO OLD 82XX MOUNTS?

QUICK RELEASE MOUNT   **| ID:** MT4200
Quick release mount. Attaches to the side of the computer and includes Mounting Plate (MT4205) that attaches to forklift.

PLATE   **| ID:** MT4205
Mounting plate for MT4200, Quick Release Mount, needed if you have one computer for multiple trucks

ADAPTER BRACKET   **| ID:** MT4210
Adapter bracket kit for the older 82XX mounts

PLATE   **| ID:** MT3501
VESA plate (for 4" or 12" RAM arm), Can also be attached to Quick Release Mount Plate (MT4205)

BASE   **| ID:** MT4510
RAM 2"x3" rectangular base with 2.25" rubber ball. Can be attached directly to VH10, VC80 and VC80x

FOR VH10, VC80, VC80x	DO YOU REPLACE A LEGACY ZEBRA OR HONEYWELL/LXE VC?

ADAPTER FOR VC50 U-MOUNT | ID: MNT-VC80-ADPA1-1
The adapter brackets for the VC50 U-Mount can be used to replace a VC50 by a VH10, VC80 or a VC80x and reuse the existing U-Mount.

U-MOUNT, WITH VC70 U-MOUNT HOLE PATTERN | ID: KT-U-MOUNT-VC80-R
The VC80 Series U-Mount is smaller than the one for the VC50 and has several mounting holes which allow drop-in replacements of VC70, and DLoG U-Mounts. It provides step less tilting of the VC and comes with the VC50 adapters.
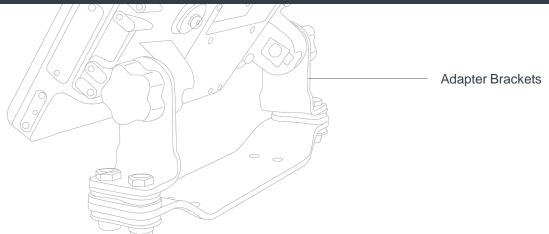
ADAPTER FOR HONEYWELL U-MOUNT | ID: MNT-VC80-ADPB1-1
The adapter brackets for the Honeywell U-Mount can be used to replace a Honeywell/LXE VC by a VH10, VC80 or a VC80x and reuse the existing U-Mount (Honeywell part number VM1010BRKTKIT).

Adapter Brackets

FOR THE VC70	DO YOU NEED A RAM MOUNT, AN U MOUNT, OR ADAPTER BRACKETS TO THE VC50 U MOUNT?

RAM MOUNT   **| ID:** RAM-D-2461U-MOTO7
RAM bridge with RAM-D-2461U RAM MOUNT, D (2.25"") size ball with screws. Including screws to mount the PWRS-9-60VDC-01R External DC Power Supply. Used when replacing equipment already mounted with RAM mounts

RAM MOUNT   **| ID:** RAM-D-2461U-MOTO7B
RAM-D-2461U RAM MOUNT, D (2.25") size ball with screws. Used when the PWRS-9-60VDC-01R External DC Power Supply has to be mounted away or when AC power supply is used. Used when replacing equipment already mounted with RAM mounts

U MOUNT   **| ID:** KT-U-MOUNT-VC70-R
U mount, VC70, with mounting hardware

ADAPTER BRACKET | ID: KT-VC50ARM3-VC70-R
2 mount adapter arms for VC50 bracket, 3.5", with bolts

ADAPTER BRACKET | ID: KT-VC50ARM7-VC70-R
2 mount adapter arms for VC50 bracket, 7", with bolts

VH10, VC70, VC80, VC80x	DEPENDING ON THE VEHICLE, BELOW ARE THE RAM FIXED MOUNTING OPTIONS TO THE COMPUTER AND/OR THE VEHICLE.

ARM | ID: MT4301
RAM mount, 4" arm

ARM | ID: MT4302
RAM mount, 12" arm

PLATE | ID: MT3501
VESA plate (for 4" or 12" RAM arm), Can also be attached to Quick Release Mount Plate (MT4205)

PLATE | ID: MT3502
Round plate (for 4" or 12" RAM arm), Uses smaller footprint than MT3501 VESA Plate

BASE | ID: MT3505
Clamp base (for 4" or 12" RAM arm), 2" max. width

BASE | ID: MT3507
Clamp base (for 4" or 12" RAM arm), 3" max. width

BASE | ID: MT3509
Rail base (for 4" or 12" RAM arm), 1-1/4" to 1-7/8"

BASE | ID: MT3510
Rail base (for 4" or 12" RAM arm), 2" to 2 1/2"

BASE | ID: MT4510
RAM 2"x3" rectangular base with 2.25" rubber ball

STEP 3: SCANNERS

WHEN SHOPPING FOR SCANNER CABLES, CHOOSE BETWEEN COILED OR STRAIGHT FOR YOUR SCANNER AND BETWEEN A RS232 OR USB PLUG.
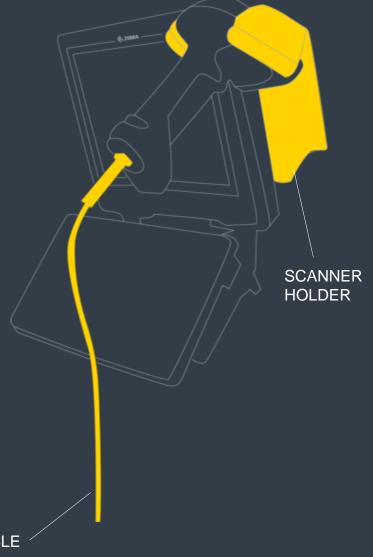
- UNIVERSAL OPTIONS
- SOLUTIONS FOR LS34X8ER AND LS35X8ER

SCANNER HOLDER

SCANNER CABLE

DS36XX	SCANNER CABLES	VH10	VC70	VC80 VC80x
RS232 | **ID:** CBA-RF3-C09ZAR Cable - RS232: DB9 Female Connector, 9ft. (2.8m) Coiled, Power Pin 9, TxD on 2, True Converter, -30C			●	
SHIELDED USB | **ID:** CBA-UF2-C12ZAR Cable - Shielded USB: Series A Locking Connector for VC70, 12', Coiled, -30C			●	
RS232 | **ID:** CBA-R71-C09ZAR Cable - RS232: DB9 Female Connector, 9ft (2.8m) Coiled, Power Pin 9		●		●
RS232 | **ID:** CBA-RF2-C09ZAR Cable - RS232: DB9 Female Connector, 9ft (2.8m) Coiled, Power Pin 9, -30C		●		●
SHIELDED USB | **ID:** CBA-U46-S07ZAR Cable - Shielded USB: Series A Connector, 7ft. (2m), Straight, BC 1.2		●		●
SHIELDED USB | **ID:** CBA-U47-S15ZAR Cable - Shielded USB: Series A Connector, 15ft. (4.6m), Straight, BC 1.2		●		●
SHIELDED USB | **ID:** CBA-UF1-S07ZAR Cable - Shielded USB: Series A Connector, 7ft. (2m), Straight, BC 1.2, -30C		●		●

LS/DS 34XX/35XX	SCANNER CABLES	VH10	VC70	VC80 VC80x
SHIELDED USB | **ID:** 25-159548-01 Cable - Shielded USB: Series A Locking Connector for VC70, 12', Coiled, -30C			●	
RS232 | **ID:** CBA-R46-C09ZBR Cable - RS232: DB9 Female Connector, 9ft. (2.8m) Coiled, Power Pin 9, TxD on 2, True Converter			●	
RS232 | **ID:** CBA-R49-C09ZAR Cable - RS232: DB9 Female Connector, 9ft. (2.8m) Coiled, Power Pin 9, TxD on 2, True Converter, Low Temp -30C			●	
RS232 | **ID:** CBA-R37-C09ZAR Cable - RS232: DB9 Female Connector, 9ft (2.8m) Coiled, Power Pin 9		●		●
USB | **ID:** CBA-U09-C15ZAR Cable - USB: Series A Connector, 15ft. (4.6m) Coiled		●		●
SHIELDED USB | **ID:** CBA-U01-S07ZAR Cable - Shielded USB: Series A Connector, 7ft. (2m), Straight, BC 1.2		●		●
SHIELDED USB | **ID:** CBA-U10-S15ZAR Cable - Shielded USB: Series A Connector, 15ft. (4.6m), Straight, BC 1.2		●		●

Scanner Holder

Scanner Holder

SCANNER HOLDERS

		VH10	VC70	VC80 VC80x
	SCANNER HOLDER | ID: KT-SCANMNT-VC70-R Mounting holder for the scanner. For LS34x8ER, LS35x8ER. Requires KT-ACCMNT-VC70-R Accessory side mount bracket		●	
	ACCESSORY MOUNT | ID: KT-ACCMNT-VC70-R Accessory side mount bracket		●	
	SCANNER HOLDER | ID: KT-SCANMNT-VC80-R Side mounted holder for scanner	●		●

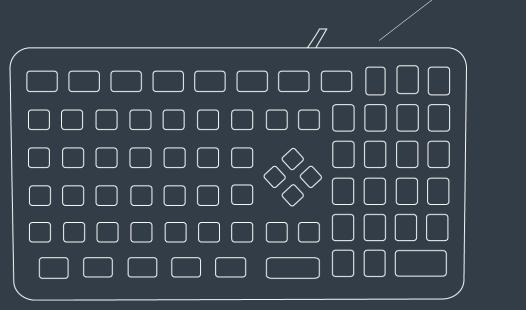# STEP 4: KEYBOARDS

WHILE THE VH10 HAS A BUILT-IN KEYBOARD,
THE VC70, VC80 AND VC80x GIVE YOU MULTIPLE
OPTIONS.

KEYBOARD

VC80 VC80x	**KEYBOARDS, CABLES AND MOUNTING OPTIONS**

KEYBOARD | ID: KYBD-AZ-VC-01
VC USB Keyboard AZERTY

KEYBOARD | ID: KYBD-QW-VC80-S-1
USB Keyboard QWERTY with 22 cm cable for VC80/VC80x

KEYBOARD | ID: KYBD-QW-VC80-L-1
USB Keyboard QWERTY with 300 cm cable for VC80/VC80x

KEYBOARD CABLE | ID: CBL-VC80-KBUS1-01
22 cm VC80 Series USB cable for heated Keyboard

KEYBOARD CABLE | ID: CBL-VC80-KBUS2-01
300 cm VC80 Series USB cable for heated Keyboard

KEYBOARD | ID: KYBD-NU-VC70-03R
USB Keyboard QWERTY with 300 cm y-cable for VC70 Freezer

KEYBOARD TRAY | ID: KT-KYBDTRAY-VC80-R
QWERTY/AZERTY Keyboard mounting tray. Includes tilting arms, knobs and screws.

KEYBOARD SIDE MOUNT BRACKET | ID: KYBD-NU-VC80-03R
Function/Numeric keypad side mount bracket

VC70 | KEYBOARDS, CABLES AND MOUNTING OPTIONS

KEYBOARD | ID: KYBD-AZ-VC-01
VC USB Keyboard AZERTY

KEYBOARD | ID: KYBD-QW-VC70-S-1
USB Keyboard QWERTY with 18 cm cable for VC70

KEYBOARD | ID: KYBD-QW-VC70-L-1
USB Keyboard QWERTY with 300 cm cable for VC70

KEYBOARD | ID: KYBD-QW-VC70F-S-1
USB Keyboard QWERTY with 37 cm y-cable for VC70 Freezer

KEYBOARD | ID: KYBD-QW-VC70F-L-1
USB Keyboard QWERTY with 300 cm y-cable for VC70 Freezer

KEYBOARD CABLE | ID: CBL-VC70-KBUS1-01
18 cm VC70 USB cable for heated Keyboard

KEYBOARD CABLE | ID: CBL-VC70-KBUS2-01
300 cm VC70 USB cable for heated Keyboard

KEYBOARD CABLE | ID: CBL-VC70-KBUS4-01
37 cm VC70 USB & RS232 Y-cable for heated Keyboard

KEYBOARD CABLE | ID: CBL-VC70-KBUS4-01
300 cm VC70 USB & RS232 Y-cable for heated Keyboard

KEYBOARD | ID: KYBD-NU-VC70-03R
USB Keyboard QWERTY with 300 cm y-cable for VC70 Freezer

KEYBOARD TRAY | ID: KT-KYBDTRAY-VC70-3
QWERTY/AZERTY Keyboard mounting tray. Includes tilting arms, knobs and screws.

KEYBOARD SIDE MOUNT BRACKET | ID: KT-KYBDMNT-VC70-R
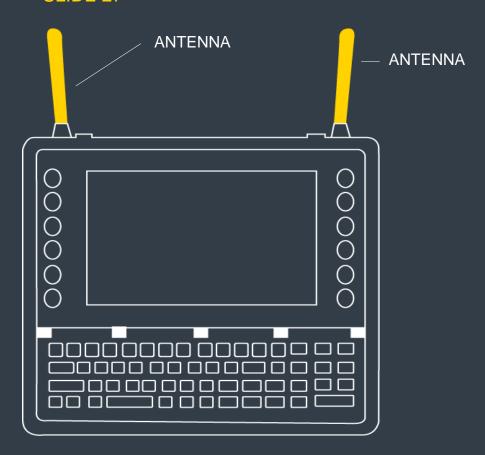Function/Numeric keypad side mount bracket

STEP 5: ANTENNAS 📶

YOUR OPTIONS OF ANTENNAS ARE WIDE: —— SLIDE 27

- WIFI – **VH10, VC70, VC80, VC80x**
- NARROWBAND – **VH10 ONLY**
- GPS – **VC80 ONLY**
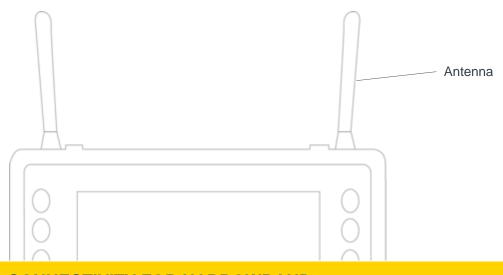- RIGHT-ANGLE ADAPTER FOR INSTALLATIONS WITH LITTLE OVERHEAD SPACE – **VH10, VC70, VC80, VC80x**

ANTENNA

ANTENNA

WHIP ANTENNA

HERE'S A LIST OF ANTENNAS AND CONNECTIVITY FOR YOU TO CHOOSE FROM

ALL VCS	ANTENNAS & CONNECTIVITY FOR WIFI
	ANTENNA | ID: 20667-002 Whip antenna (stubby), 802.11 b/g - dipole 2 dBi reverse polarity SMA connector Antenna, dual band, 802.11 a/b/g/n, 2 dBi, RPSMA connector, magnetic mount, 2.9m, WiFi
	ANTENNA | ID: AN2010 Antenna, dual band, 802.11 a/b/g/n, 2 dBi, RPSMA connector, magnetic mount, 2.9m, WiFi
	ANTENNA | ID: AN2020 Antenna, 2.4 GHz, 802.11 b/g, 5 dBi, RPSMA connector, magnetic mount, 2.9m
	ANTENNA | ID: AN2030 Whip antenna (stubby), dual band, 802.11 a/b/g/n, 2.4GHz 2dBi, 5GHz 3.7 dBi, RPSMA connector, WiFi

VC70	ADAPTERS FOR VC70 TO ATTACH EXTERNAL WIFI ANTENNAS WITH RPSMA CONNECTOR
	ADAPTER | ID: RPSMA-RTRPSMA-05R ANTENNA ADAPTER RPSMA - RTRPSMA, 5-PACK, Required for the VC70 WiFi Antennas
	ADAPTER | ID: RPSMA-RTRPSMA-10R ANTENNA ADAPTER RPSMA - RTRPSMA, 10-PACK, Required for the VC70 WiFi Antennas

Antenna

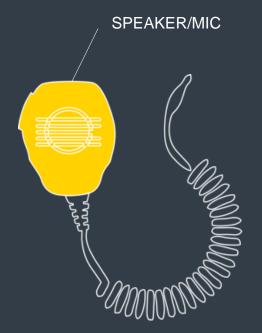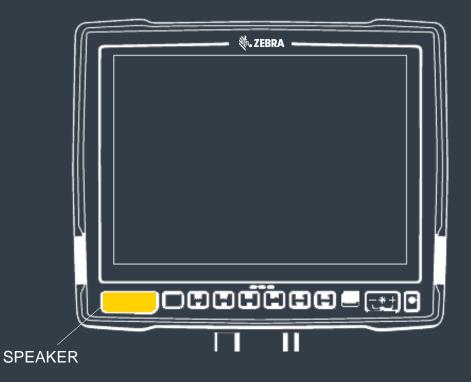| VH10	**ANTENNAS & CONNECTIVITY FOR NARROWBAND**
	ANTENNA | ID: 9009801 Antenna, Narrow Band 1/4 wave, 406-512 MHz 6" NB
	MOUNT | ID: 9009792 Mount, Magnetic, for Narrowband, antenna, SMA, 12' cable
VC80	**ANTENNA FOR GPS**
	ANTENNA | ID: RPSMA-RTRPSMA-05R GNSS antenna, magnetic mount, 2.9 m cable
ALL VCS	**RIGHT ANGLE ADAPTER FOR INSTALLATIONS WITH LITTLE SPACE OVERHEAD, ALL VCS**
	RIGHT ANGLE ADAPTER | ID: AR1000 Right Angle SMA reverse polarity plug-jack Adapter

STEP 6: VOICE 🎤

SELECT FROM TURNKEY KITS OR VOICE ACCESSORIES À LA CARTE.
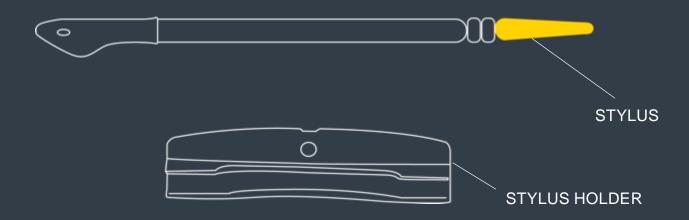
YOUR VOICE OPTIONS ——— SLIDE 30

• VOICE

SPEAKER/MIC

SPEAKER

VOICE		VH10	VC70	VC80 VC80x
**MICROPHONE KIT	ID:** KT-MIC-01R This bundle includes the VC70 External PTT mic, the Motorola HMN1089B Water-resistant Palm Microphone or equivalent and the KT-ACCMNT-VC70-R Accessory Side mount bracket.			●	
**MICROPHONE	ID:** HMN1089B Push-To-Talk Hand Microphone, GCAI connector, Water Resistant			●	
**SIDE MOUNT	ID:** KT-ACCMNT-VC70-R Accessory Side mount bracket			●	
**SPEAKER KIT	ID:** KT-SPKR-01R This bundle includes the External speaker, the Motorola HSN4039A 13 Watt water-resistant loudspeaker and the 25-159552-01 VC70 external speaker adapter cable.			●	
**SPEAKER	ID:** HSN4040A External speaker, Motorola HSN4040A 13 Watt water-resistant loudspeaker. Requires 25-159552-01			●	
**INTERFACE CABLE	ID:** 25-159552-01 Speaker cable adapter, for HSN4040A, VC70. Required to connect the HSN4040A external speaker.			●	
**SPEAKER/MIC	ID:** M1000 Speaker/Mic with push-to-talk function		●		●

STEP 7: MISCELLANEOUS

DON'T FORGET TO CONSIDER THESE: ——— SLIDE 32

- STYLUS
- SCREEN PROTECTOR
- CAN BUS CABLE
- USB TO ETHERNET ADAPTER

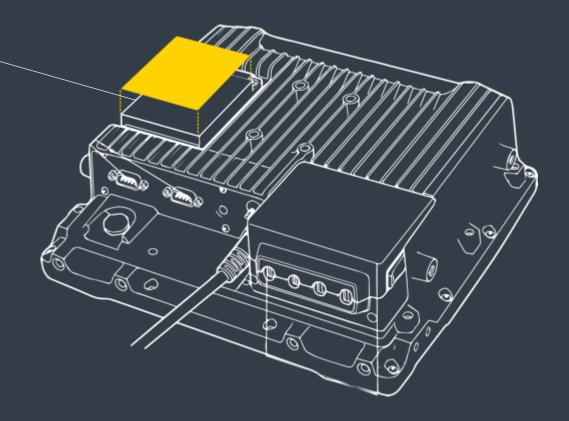STYLUS

STYLUS HOLDER

MISCELLANEOUS

		VH10	VC70	VC80	VC80x
	ID: SL0001 Stylus and Stylus Holder	●	●	●	●
	ID: VA6200 Screen Protector Pack of 3	●			
	ID: KT-SPRTCT-VC70-05R Screen Protector Pack of 5		●	●	●
	ID: CA1300 Screen blanking cable (DB9 to open wires)	●		●	●
	ID: CB-000433-01 CAN Bus Cable (RJ45 to Deutsch)			●	
	ID: WA4070 USB to Ethernet Adapter	●			●
	ID: 25-159547-01 Cable DB15M to DB9M, for COM2		●		
	ID: SG-VC70-VISR1-01 VC70 Sun Visor mountable with cut out wing.		●		

STEP 8: SERVICE PARTS

STOCK UP ON THESE ESSENTIAL SPARE PARTS: — SLIDE 34

- TOOL KIT
- KEYPADS
- TOUCH SCREENS
- SPARE BATTERY

SERVICE PARTS

	VH10	VC70	VC80 VC80x
ID: AL1001 QWERTY Keypad	●		
ID: AL1002 AZERTY Keypad	●		
ID: AL2002 Front with standard touch screen and function keys	●		
ID: AL2002 Front with heated touch screen and function keys	●		
ID: ST2000 Modular Services Kit	●		●
ID: KT-VC80-BTRY1-01 Spare Battery			●
ID: KT-VC80-SCRH1-01 Front with Touch Screen (heated)			●
ID: KT-VC80-SCRN1-01 Front with Touch Screen (non-heated)			●
ID: BTRY-VC70IAB00 Spare Battery		●	
ID: KYBD-QW-VC-01 QWERTY Spare Elastomer for VC USB Keyboard		●	●
ID: KYBD-AZ-VC-01 AZERTY Spare Elastomer for VC USB Keyboard		●	●
ID: SPR-SMA-DC-10 SMA antenna connector dust caps, pack of 10	●		●