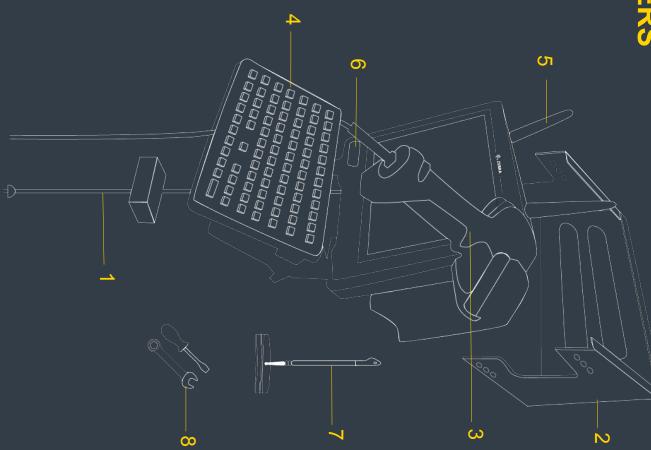


# VEHICLE-MOUNTED COMPUTERS INSTALL ILLUSTRATION

α	,	7	6	5	4	ယ	2	_	STEP
Service Parts		Miscellaneous	Voice	Antennas	Keyboards	Scanners	Mounts	Power Supplies & Cables	ACCESSORY
34-35		32-33	30-31	27-29	23-26	20-22	15-19	6-14	SLIDE





### STEP 1: POWER SUPPLIES AND CABLES



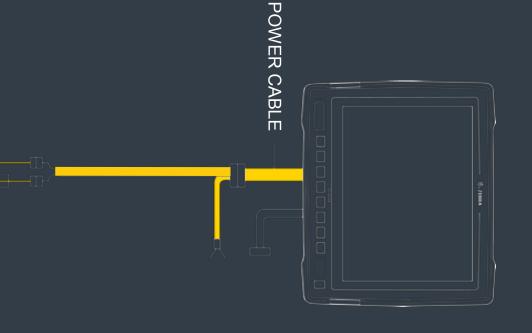
CHOOSE FROM MULTIPLE INSTALLATION CASES:

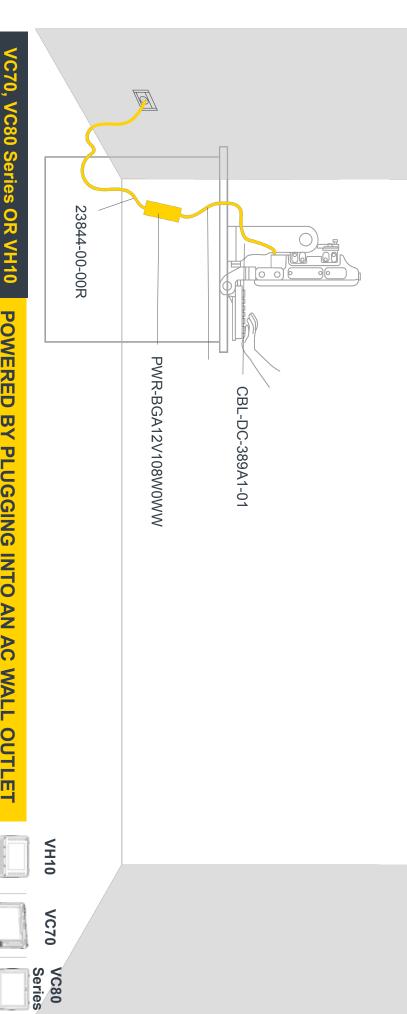
PLUG INTO AN AC WALL OUTLET

VC70, VC80 Series OR VH10 SLIDE 6

PLUG INTO THE VEHICLE'S DC POWER

VH10 OR VC80 Series **SLIDE 10-14** SLIDE 7-9





AC POWER CABLE

# POWERED BY PLUGGING INTO AN AC WALL OUTLET

**ID:** 23844-00-00R



US AC line cord, 7.5 feet long, grounded, three wire for the AC power supplies PS1450 and PWR-BGA12V108W0WW. Associated Countries: United States.

### AC POWER SUPPLY for VC70

Order country specific 3 wire grounded AC line cord separately.





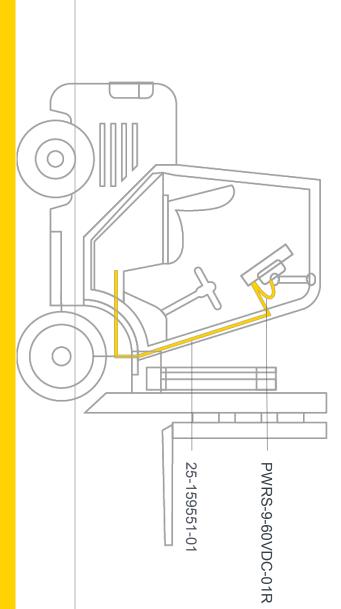
# DC POWER SUPPLY ADAPTER CABLE for VC70 | ID: CBL-DC-389A1-01

6.5', required when the PWR-BGA12V108W0WW is used



| ID: PS1450





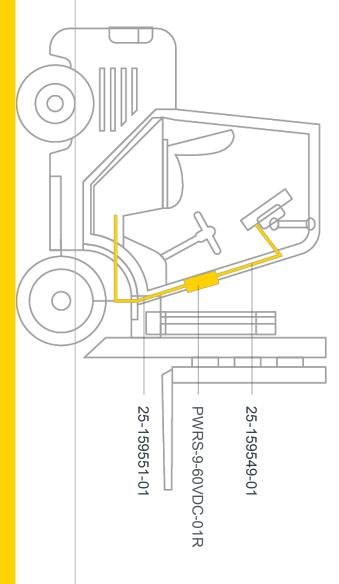
# VEHICLE MOUNT (DC POWER SUPPLY MOUNTED ON THE VC70)

DC POWER CABLE

Buy both

Cable, external 9-60V DC power supply to vehicle battery, 10', includes fuse, VC70. Required for the PWRS-9-60VDC-R | **ID**: 25-159551-01 External DC Power supply, VC70, 9-60VDC Requires 25-159551-01 fused DC power cable to vehicle battery

DC POWER SUPPLY | ID: PWRS-9-60VDC-01R



### **VC70**

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

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

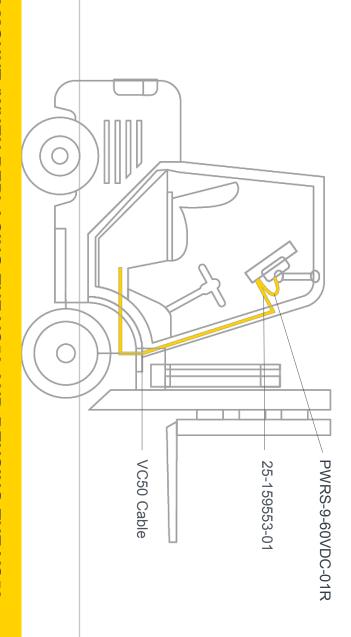
DC POWER SUPPLY | ID: PWRS-9-60VDC-01R

# External DC Power supply, VC70, 9-60VDC Requires 25-159551-01 fused DC power cable to vehicle battery

Buy all of these

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



/C7(

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

DC POWER SUPPLY External DC Power supply, VC7

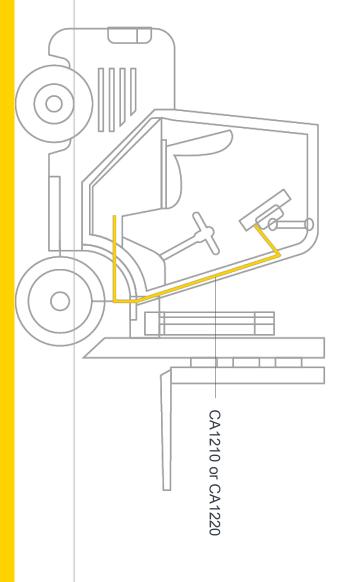
Buy both

| **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



# VH10 OR VC80 Series | VEHICLE MOUNT (POWER SUPPLY IS INSIDE THE COMPUTER)

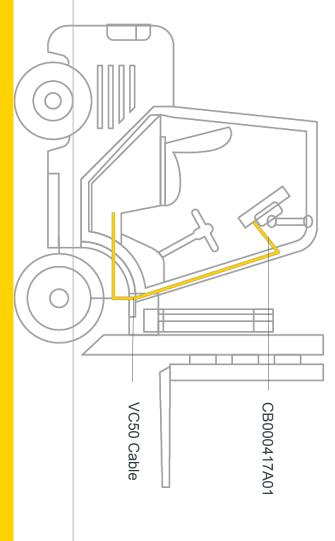
## DC POWER CABLE | ID: CA1220

Power Extension Cable, DC, 6', waterproof

DC POWER CABLE | ID: CA1210

Pick one

Power Extension Cable DC, 6', waterproof - Includes Screen Blanking feature

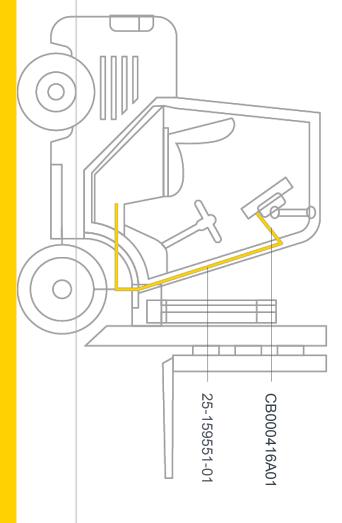


**VEHICLE MOUNT (WHEN REPLACING VC50 AND REUSING THE VC50** DC POWER CABLE)



POWER ADAPTER CABLE | ID: CB000417A01

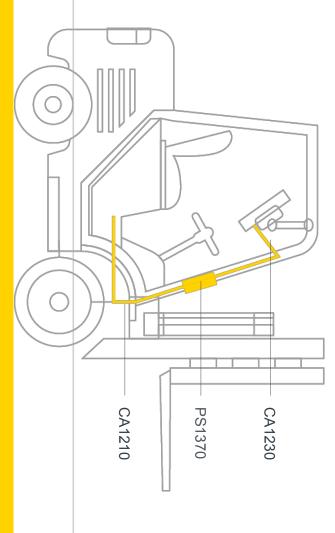
DC Power Adapter to VC50



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

POWER ADAPTER CABLE | ID: CB000416A01

DC Power Adapter to VC70



FOR TRUCKS WITH BATTERIES GREATER THAN 48V) **VEHICLE MOUNT (WITH PRE-REGULATOR TO DECREASE VOLTAGE -**

### PRE-REGULATOR | ID: PS1370 DC Power Adapter to VC70

DC POWER CABLE | ID: CA1230



Buy all three

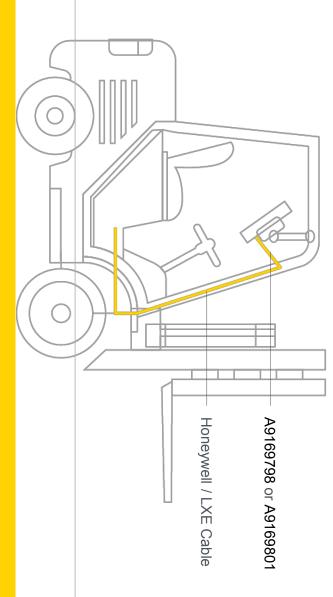
DC POWER CABLE | ID: CA1210

Pre-Regulator, 19 - 90 VDC in, 15 VDC out, 90 W

Power Extension Cable, DC, 6', waterproof







**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

CHOOSE BETWEEN THE FOLLOWING: **FOR THE VH10 AND VC80 Series** 

SLIDES 16 **AND 17** 

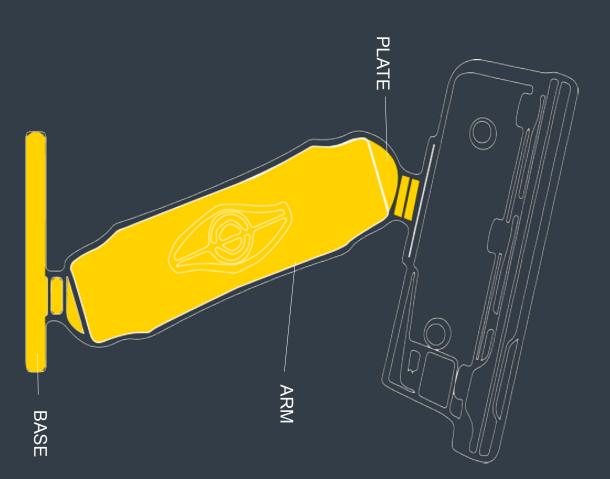
- RAM MOUNT
  QUICK-RELEASE MOUNT
- ADAPTER BRACKET FOR 82XX MOUNTS
- ADAPTER BRACKETS FOR LEGACY VCs

FOR THE VC70, CHOOSE ONE:

SLIDE 18

- RAM MOUNT
- ADAPTER BRACKET FOR VC50 MOUNT

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









## FOR THE VH10 OR VC80 Series

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)



### SASE T

RAM 2"x3" rectangular base with 2.25" rubber ball. Can be attached directly to VH10, VC80 and VC80x

**ID:** MT4510











# FOR THE VH10 OR VC80 Series DO YOU REPLACE A LEGACY ZEBRA OR HONEYWELL/LXE VC?



## **ADAPTER FOR VC50 U-MOUNT**

ID: MNT-VC80-ADPA1-1

| ID: KT-U-MOUNT-VC80-R

**U-Mount** 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



# of VC70, and DLoG U-Mounts. It provides step less tilting of the VC and comes with the VC50 adapters The VC80 Series U-Mount is smaller than the one for the VC50 and has several mounting holes which allow drop-in replacements

ADAPTER FOR HONEYWELL U-MOUNT

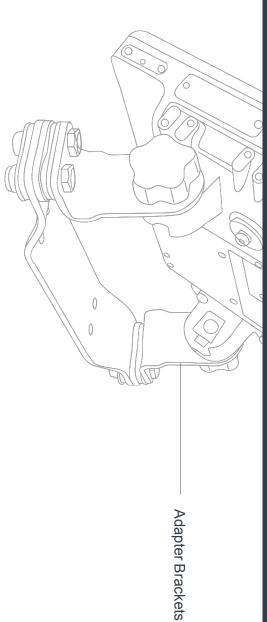
U-MOUNT, WITH VC70 U-MOUNT HOLE PATTERN

ID: MNT-VC80-ADPB1-1

reuse the existing U-Mount (Honeywell part number VM1010BRKTKIT). 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







### **FOR THE VC70**

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



### **RAM MOUNT**

### | ID: RAM-D-2461U-MOTO7





### 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

 $\stackrel{\circ}{\sim}$ 





### VC70, VC80 Series & VH10

### **MOUNTING OPTIONS TO THE COMPUTER AND/OR THE VEHICLE DEPENDING ON THE VEHICLE, BELOW ARE THE RAM FIXED**



**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)



Round plate (for 4" or 12" RAM arm), Uses smaller footprint than MT3501 VESA Plate

PLATE | ID: MT3502

**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"



**ASE** | **ID**: MT4510

RAM 2"x3" rectangular base with 2.25" rubber ball



# STEP 3: SCANNERS (\*



RS232 OR USB PLUG FOR YOUR SCANNER AND BETWEEN A CHOOSE BETWEEN COILED OR STRAIGHT WHEN SHOPPING FOR SCANNER CABLES,

### SCANNER CABLES FOR **DS36XX**

SLIDE 21

SCANNER CABLES FOR LS/DS 34XX/35XX

SLIDE 22

SCANNER HOLDERS INCLUDE

SLIDE 23

- UNIVERSAL OPTIONS SOLUTIONS FOR LS34X8ER AND LS35X8ER
- THERMOTRAZ HEATED

SCANNER HOLDER

**SCANNER CABLE** 

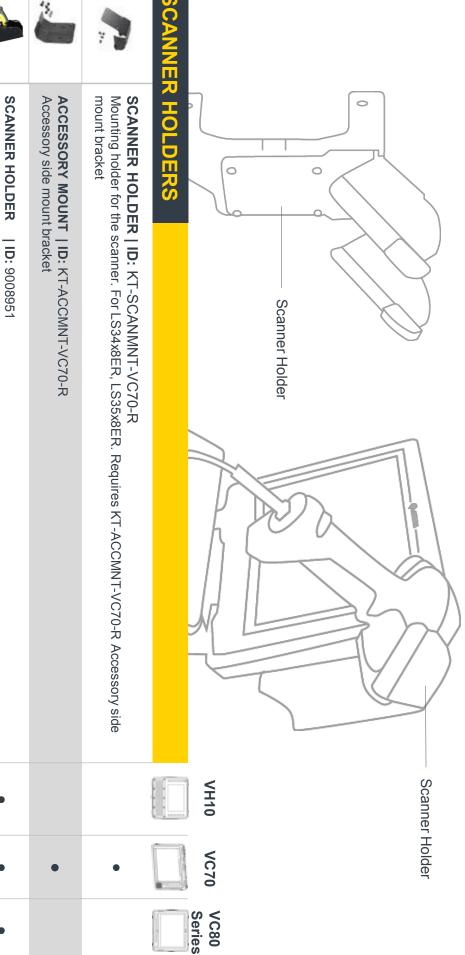




						•	LS/DS 34XX/35XX			Ó			•		DS36XX	
SHIELDED USB   ID: CBA-U10-S15ZAR Cable - Shielded USB: Series A Connector, 15ft. (4.6m), Straight, BC 1.2	SHIELDED USB   ID: CBA-U01-S07ZAR Cable - Shielded USB: Series A Connector, 7ft. (2m), Straight, BC 1.2	USB   ID: CBA-U09-C15ZAR Cable - USB: Series A Connector, 15ft. (4.6m) Coiled	RS232   ID: CBA-R37-C09ZAR Cable - RS232: DB9 Female Connector, 9ft (2.8m) Coiled, Power Pin 9	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-R46-C09ZBR Cable - RS232: DB9 Female Connector, 9ft. (2.8m) Coiled, Power Pin 9, TxD on 2, True Converter	SHIELDED USB   ID: 25-159548-01 Cable - Shielded USB: Series A Locking Connector for VC70, 12', Coiled, -30C	XX/35XX SCANNER CABLES	SHIELDED USB   ID: CBA-UF1-S07ZAR Cable - Shielded USB: Series A Connector, 7ft. (2m), Straight, BC 1.2, -30C	SHIELDED USB   ID: CBA-U47-S15ZAR Cable - Shielded USB: Series A Connector, 15ft. (4.6m), Straight, BC 1.2	SHIELDED USB   ID: CBA-U46-S07ZAR Cable - Shielded USB: Series A Connector, 7ft. (2m), Straight, BC 1.2	RS232   ID: CBA-RF2-C09ZAR Cable - RS232: DB9 Female Connector, 9ft (2.8m) Coiled, Power Pin 9, -30C	RS232   ID: CBA-R71-C09ZAR Cable - RS232: DB9 Female Connector, 9ft (2.8m) Coiled, Power Pin 9	SHIELDED USB   ID: CBA-UF2-C12ZAR Cable - Shielded USB: Series A Locking Connector for VC70, 12', Coiled, -30C	RS232   ID: CBA-RF3-C09ZAR Cable - RS232: DB9 Female Connector, 9ft. (2.8m) Coiled, Power Pin 9, TxD on 2, True Converter, -30C	SCANNER CABLES	
•	•	•	•					•	•	•	•	•				VH10
				•	•	•							•	•		VC70
•	•	•	•					•	•	•	•	•				VC80 Series







-			
500000	Mounting	SCANN	



Thermotrax heated scanner holder with cable management system, 12 Volt, for LS/DS 34xx / 35xx



### SCANNER HOLDER | ID: 9008953 Thermotrax heated scanner holder with cable management system, 36-48 Volt, for LS/DS 34xx / 35xx

SCANNER HOLDER | ID: 9008952 Thermotrax heated scanner holder with cable management system, 24 Volt, for LS/DS 34xx / 35xx



### SCANNER HOLDER | ID: KT-SCANMNT-VC80-R



# STEP 4: KEYBOARDS



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

AETBOARDS	SLIDE 24	
BOARDS ————	SLIDE 25 KEYBOARD	Õ
OARDS —————	SLIDE 26	

**IKey KEYE** 

VC70 KEY

VC80 Serio







Series **VC80** 

# KEYBOARDS, CABLES AND MOUNTING OPTIONS



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



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



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



KEYBOARD | ID: KYBD-NU-VC70-03R



KEYBOARD TRAY | ID: KT-KYBDTRAY-VC70-3 USB Keyboard QWERTY with 300 cm y-cable for VC70 Freezer



QWERTY/AZERTY Keyboard mounting tray. Includes tilting arms, knobs and screws



Function/Numeric keypad side mount bracket

KEYBOARD SIDE MOUNT BRACKET | ID: KT-KYBDMNT-VC70-R



# KEYBOARDS, CABLES AND MOUNTING OPTIONS



KEYBOARD | ID: KYBD-AZ-VC-01

VC USB Keyboard AZERTY



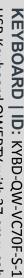
KEYBOARD | ID: KYBD-QW-VC70-S-1

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

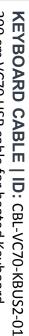


USB Keyboard QWERTY with 37 cm y-cable for VC70 Freezer



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

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





300 cm VC70 USB 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

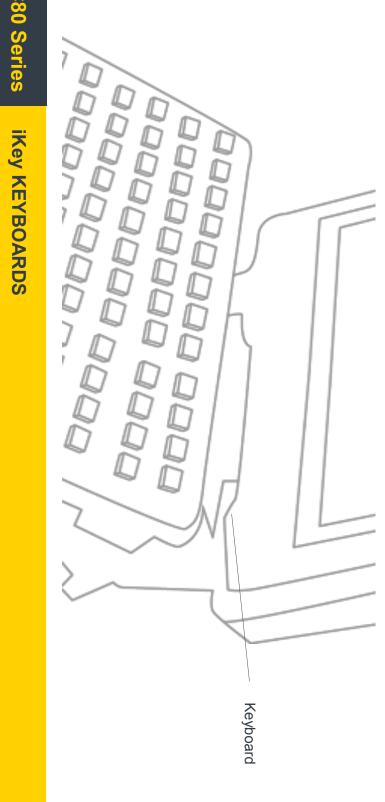
QWERTY/AZERTY Keyboard mounting tray. Includes tilting arms, knobs and screws

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









### VC70 & VC80 Series



**KEYBOARD** | ID: 9010376 iKey Keyboard, English, backlight, USBCable - RS232: DB9 Female Connector, 9ft. (2.8m) Coiled, Power Pin 9, TxD

KEYBOARD | ID: 9010377



iKey Keyboard, English, color, USB



| ID: SLK-101-M-USB-3F

KEYBOARD

iKey Keyboard, 101 keys (12 Function keys), large numeric pad, backlight, USB



# STEP 5: ANTENNAS



YOUR OPTIONS OF ANTENNAS ARE WIDE:

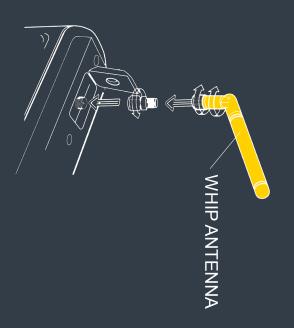
SLIDE 28

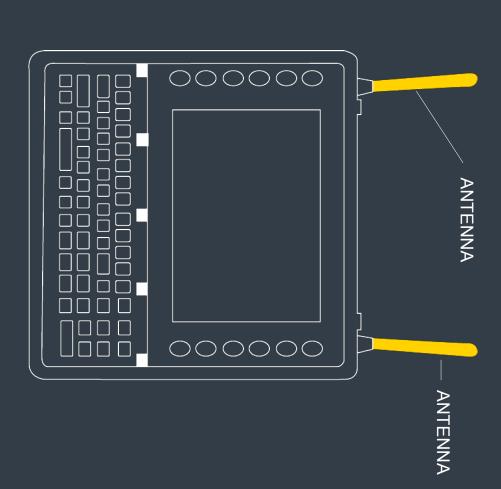
WIFI - VC70, VC80 Series & VH10

GPS - VC80 Series ONLY

NARROWBAND - VH10 ONLY

INSTALLATIONS WITH LITTLE OVERHEAD SPACE – <mark>VC70, VC80 Series & VH10</mark> RIGHT-ANGLE ADAPTER FOR









# 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

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

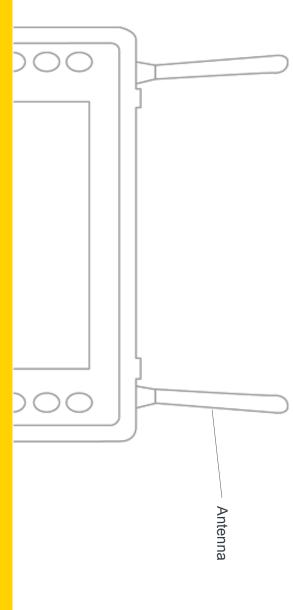


ADAPTER | ID: RPSMA-RTRPSMA-10R

ANTENNA ADAPTER RPSMA - RTRPSMA, 10-PACK, Required for the VC70 WiFi Antennas







### **VH10**

# **ANTENNAS & CONNECTIVITY FOR NARROWBAND**



Antenna, Narrow Band 1/4 wave, 406-512 MHz 6" NB

**ANTENNA | ID: 9009801** 

**MOUNT** | **ID**: 9009792 Mount, Magnetic, for Narrowband, antenna, SMA, 12' cable

### VC80 / VC80x

**ANTENNA FOR GPS** 



**ANTENNA | ID:** RPSMA-RTRPSMA-05R GNSS antenna, magnetic mount, 2.9 m cable RIGHT ANGLE ADAPTER FOR INSTALLATIONS WITH LITTLE SPACE OVERHEAD, ALL VCS



RIGHT ANGLE ADAPTER | ID: AR1000
Right Angle SMA reverse polarity plug-jack Adapter



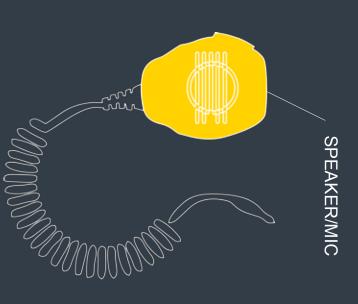
## STEP 6: VOICE

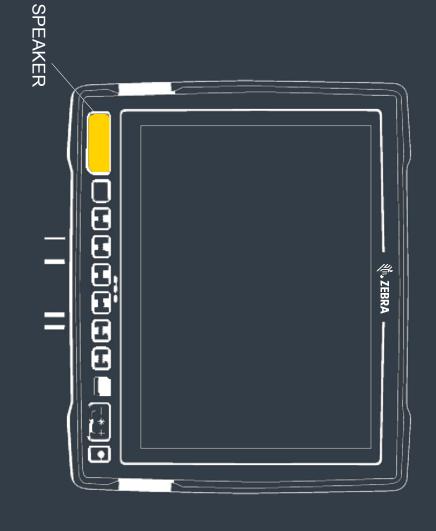


SELECT FROM TURNKEY KITS OR VOICE ACCESSORIES À LA CARTE.

YOUR VOICE OPTIONS SLIDE 31

VOICE









0	)	0			C		VOICE	
SPEAKER/MIC   ID: M1000 Speaker/Mic with push-to-talk function	INTERFACE CABLE   ID: 25-159552-01 Speaker cable adapter, for HSN4040A, VC70. Required to connect the HSN4040A external speaker.	SPEAKER   ID: HSN4040A  External speaker, Motorola HSN4040A 13 Watt water-resistant loudspeaker. Requires 25-159552-01	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.	SIDE MOUNT   ID: KT-ACCMNT-VC70-R Accessory Side mount bracket	MICROPHONE   ID: HMN1089B  Push-To-Talk Hand Microphone, GCAI connector, Water Resistant	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.		
•								VH10
	•	•	•	•	•	•		VC70
•								VC80 Series

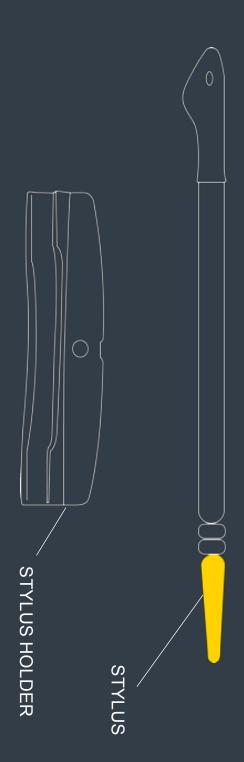


# STEP 7: MISCELLANEOUS (#



DON'T FORGET TO CONSIDER THESE: — SLIDE 33

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







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



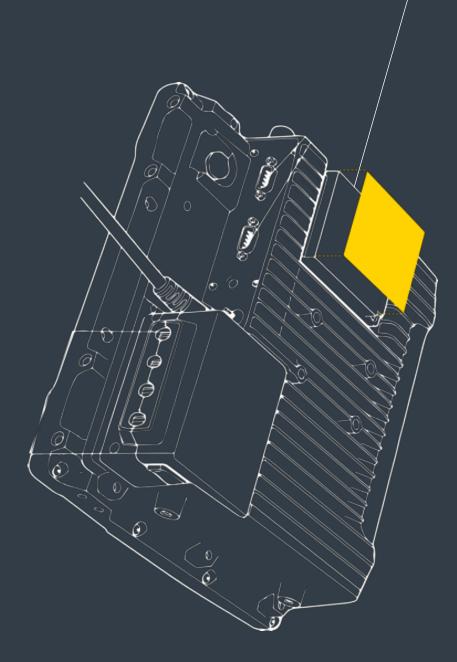
# STEP 8: SERVICE PARTS (



STOCK UP ON THESE ESSENTIAL SPARE PARTS:

SLIDE 35

TOOL KIT KEYPADS TOUCH SCREENS -SPARE BATTERY







						R. L.					SERVICE PARTS	
ID: KYBD-AZ-VC-01 AZERTY Spare Elastomer for VC USB Keyboard	ID: KYBD-QW-VC-01  QWERTY Spare Elastomer for VC USB Keyboard	ID: BTRY-VC70IAB00 Spare Battery	ID: KT-VC80-SCRN1-01 Front with Touch Screen (non-heated)	ID: KT-VC80-SCRH1-01 Front with Touch Screen (heated)	ID: KT-VC80-BTRY1-01 Spare Battery	ID: ST2000 Modular Services Kit	ID: AL2002 Front with heated touch screen and function keys	ID: AL2002 Front with standard touch screen and function keys	ID: AL1002 AZERTY Keypad	ID: AL1001  QWERTY Keypad	ARTS	
						•	•	•	•	•		VH10
•	•	•										VC70
•	•		•	•	•	•						VC80 Series