



Omnii™ XT15

EMC Configuration and Accessories Guide

Designed to assist customers and partners with model and configuration guidance



List of changes

Version Update (March 2016)

1. Slide 3: Added reference *WAP4/XT15 Positioning Strategy Webinar*
2. Slide 8: Updated Exceptions Table
3. Slide 12: Added ST9716 to the Back covers.
4. Slide 16,17,18,19: Added replacement keypad specifics

Contents

- I. XT15 Series Configuration Guide
- II. XT15 Series Accessories



Main XT15 Variants



XT15 Variants

XT15 Standard

Operating System

- Windows CE 6.0
- Windows Embedded Handheld 6.5

Memory

- 512MB SDRAM/1GB Flash ROM

XT15ni Non- Incendive

UL Class 1, Div 2,
Groups A,B,C,D; T6

Operating System

- Windows CE 6.0
- Windows Embedded Handheld 6.5

Memory

- 512MB SDRAM/1GB Flash ROM

XT15f Freezer

Condensation-Resistant Chiller model

- - 4° F / - 20° C environments

Condensation-free Arctic Model

- - 22° F / -30° C freezers

Operating System

- Windows CE 6.0
- Windows Embedded Handheld 6.5

Memory

- 512MB SDRAM/1GB Flash ROM

XT15nb Narrowband

Operating System

- Windows CE 6.0

Region & Memory

- 512MB SDRAM/1GB Flash ROM
- UK countries (512 MB RAM/1 GB Flash)
- Non-UK (512 MB RAM/1 GB Flash)

XT15 Radio Options



Built-in Radios

802.11 A/B/G/N, Antenna with Bluetooth 2.0 + EDR, No WAN

802.11 A/B/G/N, Antenna with Bluetooth 2.0 + EDR, **UMTS / HSPA+, GPS**

Applicable only for Upgrades / Reconfiguration



Expansion Radio Module

RA3050-GPS HSPA+ and GPS WAN expansion module

RA3050 - GPS
HSPA+ and GPS WAN
expansion module



RA3050-GPS requires End-cap with HSPA+ Antenna (ST96xx)

Installation instructions for Radio Modules:

<http://www.ingenuityworking.com/knowledge/w/knowledgebases/1525.workabout-pro4-product-manuals.aspx>

XT15 Display Options



ST2003

XT15 High Visibility display module

Offers superior overall visibility with 165 cd/m² brightness



ST2004

XT15 Extreme Duty display module

Extreme -20° C and Impact Resistance
Offers improved impact resistance (1.25 Joule impact) and improved low temperature performance



ST2008

XT15F Chiller display Module

-20° C Temp Extreme
Condensation Resistant
and Impact Resistance



ST2007

XT15F Arctic Extreme Duty Heated display module

-30° C Temp Extreme
Condensation free and
Impact Resistance

XT15 Back Cover Options

Standard Expansions

ST9002	Blank Expansion Back cover
ST9714	SE4500 Standard 2D Imager
ST9715	SE4600LR Extended 2D Imager
ST9703	SE1524ER 1D Scanner Auto-Range
ST9701	SE1224HP 1D Scanner Standard-Range
ST9004	Push-to-Talk Speaker
ST9013	Push-to-Talk Speaker with Camera
ST9710	SE965 Standard Range 1D Laser for Freezer Units (XT15f)
ST9711	SE1524ER Lorax Engine for Freezer Units (XT15f)
ST9716	SE4600 LR Extended 2D Imager for Freezer Units (XT15f)

! Scanner Engine Back covers cannot be combined with any Pod or End cap Accessories

! Pods and end-caps compatible with speaker and camera back covers



ST9701
SE1224HP 1D
Scanner



ST9714
SE4500
2D Imager



ST9710
SE965 Back
cover for XT15f



ST9711
SE1524ER
for XT15f



ST6100
Pistol Grip Kit



ST6500
Pistol Grip Kit

! ST6500 pistol grip compatible with ST9715 / ST9716 (SE4600 LRI) too.



Optional Pistol Grip Kit



ST9703
SE1524ER 1D Scanner



ST6400
Pistol Grip Kit

Optional Pistol Grip Kit



ST9004
Back cover
with Speaker



ST9013
Back cover with
Speaker and
Camera

ST6104

Replacement Pistol Grip Switch Cover
Normally included with each back cover



XT15 Pod Options

Secondary Expansions

- ST9100** Pod Blanking Cap
- ST9204** SE955 1D Standard Range Scanner (Slim Pod)
- ST9114** SE4500 2D Imager (Standard Pod)
- ST9101** SE1224HP 1D Standard Range Scanner (Standard Pod)
- ST9214** SE4500 2D Imager (Slim Pod)
- ST9210** HF RFID Reader



ST9114
SE4500 2D Imager Standard
Pod



ST9101
SE1224HP 1D Scanner
Standard Pod

Optional pistol grip

- ST6000** Pistol grip kit for Standard pod scanners



ST6000
Pistol Grip Kit

 Pistol Grip Kit comes with screws.
Order stylus and tether
separately

ST6000 only compatible with **Standard**
Pod modules (ST9114 and ST9101)



ST9210
HF RFID Reader Pod

Works with Speaker, Camera, GPS,
Endcap-Scanner, WAN radios but not
in combination with pistol grip.
HF module not compatible with
freezer, NI, SE4600 or SE1524



XT15 End Cap Options

End-Cap Options

Standard Blank End Cap

ST9301	No Antenna
ST9401	GPS Antenna
ST9500	GPS and EDGE/Cellular Antennas
ST9600	GPS and HSPA+/Cellular Antennas

SE955 1D Standard Laser End Cap

ST9304	No Antenna
ST9404	GPS Antenna
ST9504	GPS and EDGE/Cellular Antennas
ST9604	GPS and HSPA+/Cellular Antennas

SE4500 2D Standard Imager End Cap

ST9314	No Antenna
ST9414	GPS Antenna
ST9514	GPS and EDGE/Cellular Antennas
ST9614	GPS and HSPA+/Cellular Antennas

Optional Pistol Grip

ST6300

Flush Mount Pistol Grip Kit for
End Cap Scanners

Pistol Grip Kit comes with
Stylus (ST6101) and screws



ST9301
Blank End Cap



XT15 Battery Options

5300 mAh Battery



ST3003

Standard Battery Pack 5300 mAh, for
Omni XT15 Standard model, all
configurations

5300 mAh Battery



ST3002

Arctic Freezer Battery Pack 5300
mAh; ships with XT15 Arctic;
compatible with all XT15f models

5000 mAh Battery



ST3001-NI

NI Spare Battery Pack 5000 mAh
for XT15ni - Non-Incendive
models only

ST3001-NI exclusive to XT15NI,
failing to comply will void UL rating



XT15 Keyboard and Keypad Options

34 Key Numeric Telephony

ST5013

Large Numeric Keys
Alpha Character by SMS System

Replacement keypad part number:
ST5103



59 Key Shifted Alpha

ST5017

Telephone Style Numeric
6 Function Keys – (no F5)

Replacement keypad part number:
ST5117



36 Key Modified Alpha

ST5012

Calculator style numeric keypad
12 Direct Function Keys

Replacement keypad part number:
ST5112



XT15 Keyboard and Keypad Options

36 Key Numeric Telephony

ST5011

Large Numeric Keys
12 Function Keys

Replacement keypad part number:
ST5111



55 Key Alpha Numeric

ST5004

Telephone Style Numeric
Alpha ABC Layout

Replacement keypad part number:
ST5104



66 Key QWERTY

ST5003

Telephone Style Numeric
Alpha QWERTY Layout

Replacement keypad part number:
ST5103



Replacement keypad comes with Keypad and Elastomer only, no PCB or bezel.
Regular keypad P/N comes with keypad, elastomer, PCB, overlay, screws.

All replacement keypads are available and can be changed on site,
without sending it to service depot.



XT15 Keyboard and Keypad Options

59 Key Alpha Numeric ST5010

Telephone Style Numeric Keys
6 Function Keys

Replacement keypad part number:
ST5110



59 Key Alpha Num (ORACLE function keys) ST5015

Telephone Style Numeric

Replacement keypad part number:
ST5115



66 Key QWERTY (ORACLE function keys) ST5016

Alpha QWERTY Layout

Replacement keypad part number:
ST5116



Replacement keypad comes with Keypad and Elastomer only, no PCB or bezel.
Regular keypad P/N comes with keypad, elastomer, PCB, overlay, screws.

All replacement keypads are available and can be changed on site,
without sending it to service depot. 

XT15 Keyboard and Keypad Options

58 Key Freezer Keypad

ST5005

Alpha Numeric Keys
6 Function Keys

Replacement keypad part number:
ST5105



34 Key Freezer Keypad

ST5014

Telephone Style Numeric
12 Function Keys

Replacement keypad part number:
ST5114



Replacement keypad comes with Keypad and Elastomer only, no PCB or bezel.
Regular keypad P/N comes with keypad, elastomer, PCB, overlay, screws.

All replacement keypads are available and can be changed on site,
without sending it to service depot. 

XT15 Operating Systems



**Microsoft Windows
Embedded Handheld 6.5
Classic Edition**



**Microsoft Windows
Embedded Compact 6.0**



Operating System Configurations

Microsoft Windows embedded Handheld 6.5 Professional Edition

Microsoft Windows Embedded Compact 6.0



OS in Local languages available for download on Support Central https://portal.zebra.com/Support/US-EN/Mobile+Networks+RFID+and+BarCode+Scanners/Mobile+Computers/Handheld+Computers/Omnii_XT15_US-EN

XT15 Charging Methods



Single Slot Cradle Kit:

ST4002
(Worldwide except Argentina)

USB only – **Includes:** ST1050 power supply and PX3058 USB Cable (connects to Micro-USB/B port for ActiveSync communications)

ST4002-AR
(Argentina only)

USB only – **Includes:** ST1050-AR power supply and PX3058 USB Cable.

ST4003
(Worldwide except Argentina)

USB, Serial, Ethernet – **Includes:** ST1050 power supply and PX3058 USB Cable (connects to Micro-USB/B port for ActiveSync communications)

ST4003-AR
(Argentina only)

USB, Serial, Ethernet– **Includes:** ST1050-AR power supply and PX3058 USB Cable.



The single slot cradle can charge a XT15 terminal, charges a spare battery and has USB master and slave connections.

Additional accessories for single slot cradle



ST1050
Wall Adapter Power Supply (Worldwide except Argentina)



ST1050-AR
Wall Adapter Power Supply (Argentina only)



PX3058
Micro USB Cable



ST4100
Cradle Ethernet / Serial XMOD Kit - adds Ethernet, Serial port to USB Only Single Slot Cradle (ST4002 or ST4002-AR)

XT15 Charging Methods



4 Slot Ethernet/Charging Cradle:

ST4004

Docking station quad Ethernet (power cable sold separately)

Ethernet Daisy Chain Capable



AC Line Cords:

- 9008693 for North America
- 9008892 for Europe
- 9008950 for UK

PS1055-G1

The four slot cradle includes a power supply (PS1055-G1). Must purchase specific country AC Line Cord.



Battery Charger



ST3006

Six slot spare battery charger to be used with high and ultra high capacity batteries. Includes power supply (PS1056-G1). Must order AC line cord separately.



MT2031

Wall mount bracket for 6-slot spare battery charger

XT15 Charging Methods



Vehicle cradle:

ST1000

Un-powered Vehicle cradle – designed to securely mount XT15, does not provide any power or peripheral ports

ST1002

Powered Vehicle cradle 12v-30v - Charges XT15 and also supports Power, USB, RS232 Serial connections. Cables for Power, USB, RS232 ordered separately

Optional Accessories



CA3002

Vehicle Cradle Cigarette Lighter Adapter



PS1350

Pre-regulator module required when connecting the vehicle cradle to power sources above 20V to a maximum of 72V.



MT3324 MT3325

! When using the vehicle cradle, the universal RAM mount arm is required (Order separately 5" or 8" arm)



A base or clamp is required as vehicle side attachment (Order separately MT3501, MT3502, MT3505, MT3507, MT3509, MT3510)



CA3000
Power only



CA3001
Power + Connector block
with 2 USB + RS232



CA1210
Connects power
cable to vehicle
battery

For powered connection, must order a power cable 9-20V input (CA1210) or the vehicle power outlet adapter cable (CA3000, CA3001)



MT3327 has USB RS232
connector block mount
capability



MT3328 – RAM
mount vertical



MT3326 – RAM
mount horizontal



A mounting bracket is required when vehicle cradle's RAM mount is anchored to horizontal/vertical surface (Order separately MT3327, MT3326, MT3328)

XT15 Mobile Charging Options

Charge only Module



ST4000

Provides device charging connection

USB/Charge Module



ST4001

Provides Micro USB/B, USB/A and charging connections

RS232/Charge Module



ST4005

Provides RS232 DE9 and charging connections



All Snap-on modules require ST1050/ST1050-AR Power Supply for AC charging OR ST3113 Cigarette Lighter Adapter for in-vehicle charging

ST4001 also requires PX3058 Micro USB Cable to support ActiveSync connections



ST3113

Auto Charge/Cigarette Lighter Adapter Cable, 12V DC input

XT15 Carrying Accessories

Rubber Boots

ST6080 Rubber Boot for units with **Standard Back Cover** (Yellow or Grey ST6081)

ST6086 Rubber Boot (Blue) for **Freezer units** with **Standard Back Cover** 

ST6082 Rubber Boot for units with **Expansion Back Cover** (Yellow or Grey ST6083)

ST6084 Rubber Boot for units with **Expansion Back Cover and End Cap scanner** (Yellow or Grey ST6085)

Optional shoulder strap for rubber boots

CV6021 Shoulder strap for use with all rubber boots



ST6080
Rubber boot for units with
Standard Back Cover

ST6084
Rubber Boot for Units with
Expansion Back cover and
End cap scanner



XT15 Carrying Accessories

Soft Shell Holsters

Compatible with Pistol Grip units !



ST6050

Soft shell holster
Includes waist belt and leg strap



ST6091

Soft Shell Pouch with Belt Clip



Not compatible with Pistol Grip

Other Holsters



ST6055

Hard Shell/Form Fit Holster for units with
Standard Back Cover. **ST6056** for units
with Expansion Back cover and Std Pods



ST6051

Forklift
Holster



ST6052

Forklift Holster, supports
Rubber Boot (ST6086)

Carry Case



ST6090

Carry Case for units with
Standard Back cover

ST6092

Carry Case for units with
Expansion Back cover

ST6093

Carry Case for units with
Expansion Back cover and
End Cap Scanner – Non FCC
country approved

Compatible with Pistol Grip units !

XT15 Carrying Accessories

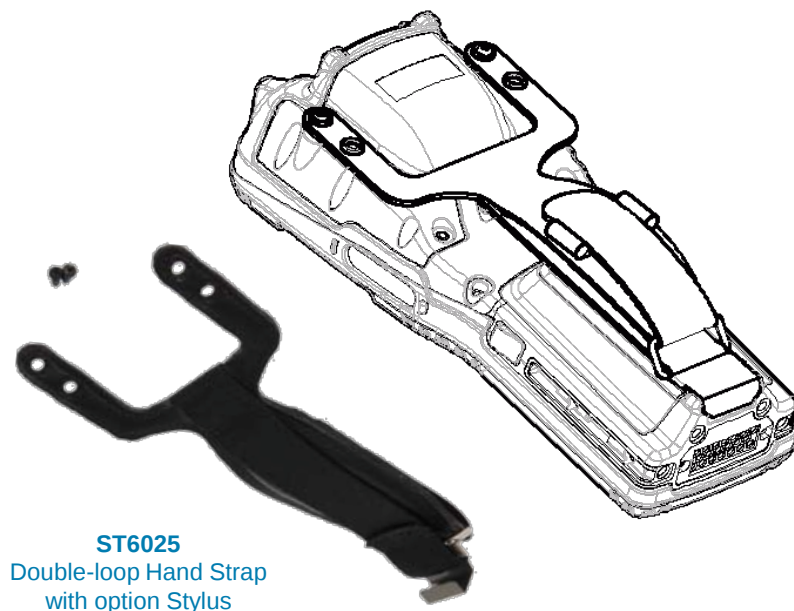
Hand Straps

- | | |
|---------------|---|
| ST6025 | Adjustable double-loop hand strap |
| ST6026 | Non-adjustable and elastic hand strap
(recommended for use with vehicle
cradle) |

Hand Straps include a storage option for stylus !

Miscellaneous

- | | |
|---------------|---------------------------------|
| ST6040 | Wrist Strap |
| ST6101 | Short Yellow Stylus (Pack of 3) |
| ST6102 | Long Grey Stylus (Pack of 3) |
| ST6103 | Tethers for Stylus (Pack of 3) |
| ST6310 | Stylus Holder |
| RV6105 | Screen Protector/Guard |



ST6310
Stylus Holder

