

# MX7 Tecton CE User Guide

Microsoft® Windows® Embedded CE 6 Operating System



E-EQ-MX7CEOGWW-A

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## Set Up A New MX7 Tecton

*Note: LXE recommends that installation or removal of accessories be performed on a clean, well-lit surface. When necessary, protect the work surface, the MX7 Tecton, and components from electrostatic discharge.*

While the MX7 Tecton is in a Hazardous Location DO NOT:

- Connect an external power source to the MX7 Tecton.
- Connect a USB device or audio jack to the MX7 Tecton.
- Remove or install a battery pack in the MX7 Tecton.
- Place the MX7 Tecton in a powered dock or cradle.

### Hardware Setup

1. Connect accessories.
2. [Connect cables.](#)
3. [Insert/connect a fully charged battery](#)
4. Press the Power key.

### Software Setup

**Prerequisite:** Hardware setup is complete.

1. [Calibrate Touch screen](#)
2. [Set Date and Time Zone](#)
3. [Set Power Schemes Timers](#)
4. [Set Speaker Volume](#)
5. [Pair Bluetooth devices](#)
6. Setup Wireless client parameters
7. Setup [terminal emulation](#) parameters
8. Setup the LXE AppLock parameters
9. Set the LXE DCWedge parameters

Please refer to the MX7 Tecton Reference Guide for further information and instruction.

#### End User License Agreement (EULA)

When a new MX7 Tecton starts up a EULA is displayed on the touchscreen. It remains on the screen until the Accept or Decline button is tapped with a stylus.

Tap the Accept button to accept the EULA terms and the MX7 Tecton continues the startup process. The EULA is not presented to the user again.

Tap the Decline button to decline the EULA and the MX7 Tecton will reboot. It will continue to reboot until the Accept button is tapped with the stylus.

*Note: The EULA will be presented after any operating system upgrade or re-installation, including language-specific operating systems.*

## Laser Warnings and Labels

- Do not look into the laser's lens.
- Do not stare directly into the laser beam.
- Do not remove the laser caution labels from the MX7 Tecton.
- Do not connect the laser barcode aperture to any other device. The laser barcode aperture is certified for use with the MX7 Tecton only.

### Caution



Laser radiation when open. Please read the caution labels. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

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## Label Location

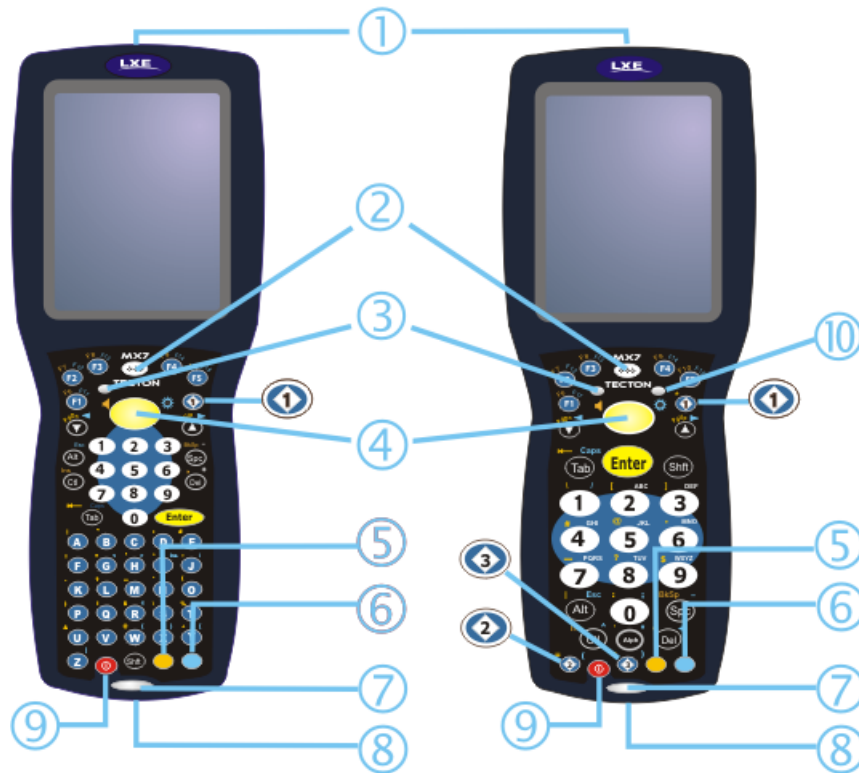


## Label



## Components

Front

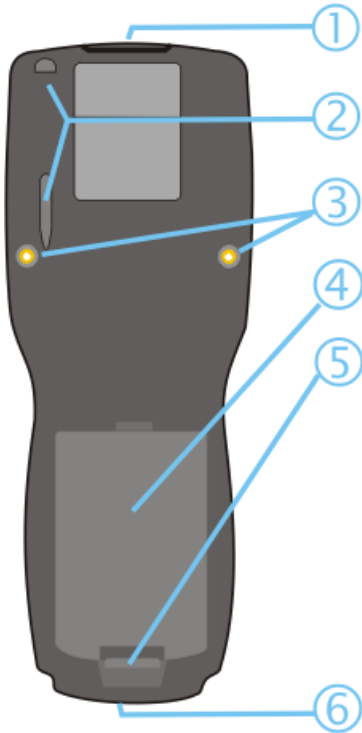


- 1. Scanner/Imager Aperture
- 2. Speaker
- 3. System Status LED
- 4. Scan Button
- 5. Orange Key (Sticky Key)
- 6. Blue Key (Sticky Key)
- 7. Scan Status LED
- 8. Cable Port
- 9. On / Off Button
- 10. Alpha Lock LED (32-Key only)

   Diamond Keys

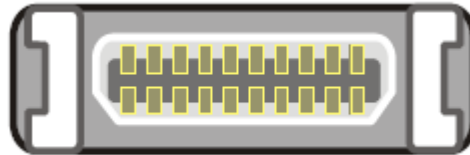


Back



1. Scanner/Imager Aperture
2. Stylus and Stylus Pocket
3. Trigger Handle Attach Points
4. Main Battery
5. Battery Fastener
6. Cable Port

## I/O Port and Cables



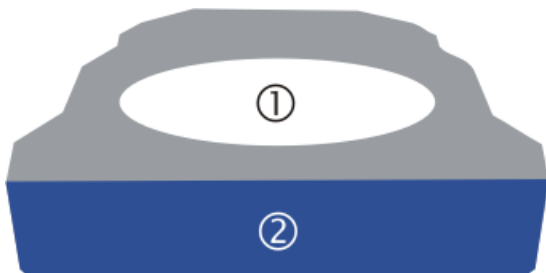
I/O Port

Cable: Multipurpose RS-232 and Power  
MX7055CABLE



|   |  |
|---|--|
| <p>Cable: Multipurpose USB and Power<br/>MX7052CABLE</p>  |    |
| <p>Adapter/Cable : Audio<br/>MX7060CABLE</p>              |    |
| <p>Adapter: RS-232 PC port to D9 male<br/>MX7058CABLE</p> |  |

## Scanner / Imager Aperture



1. Scanner / Imager Aperture
2. MX7 Tecton Front

**Caution: Never stare directly into the beam aperture.**

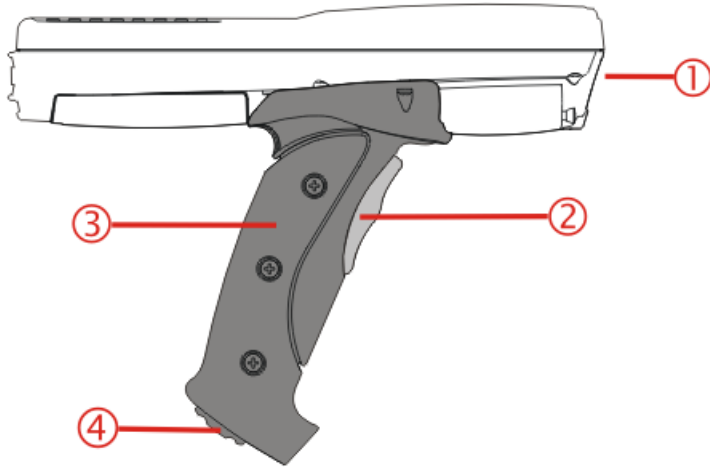
If **Continuous Scan Mode** has been enabled (default is disabled), the laser is always on and decoding. Caution: Laser beam is emitted continuously. Do not stare into the laser beam.

## Handle

For review only - Do not publish or distribute - LXE Confidential - Draft 07

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## Handle



1. Imager / Scanner Aperture
2. Trigger
3. Handle
4. Tether Attach Point

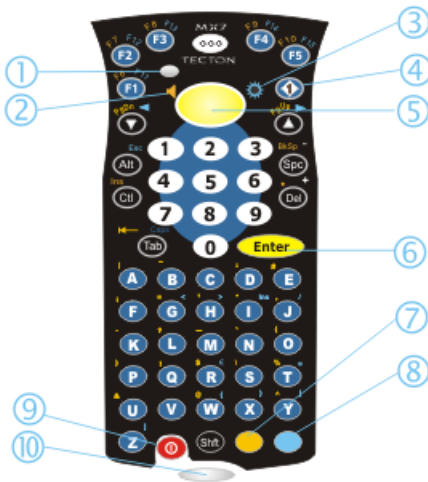
## Handstrap



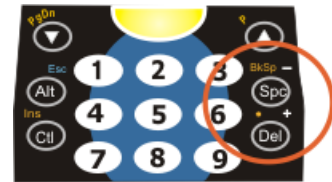
1. Handstrap
2. Handstrap Retainer Bracket and mounting screws
3. Handstrap Clip

## Keypads

### 55 Key Delete Primary ANSI Keypad

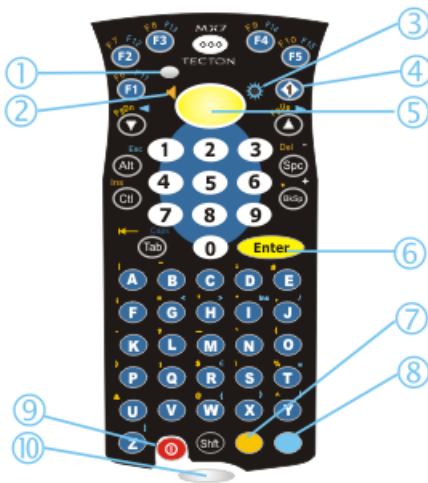


1. System Status LED
2. Volume Control Icon
3. Display Brightness Icon
4. Diamond Key
5. Scan Button
6. Enter Key
7. Orange Key (Sticky Key)
8. Blue Key (Sticky Key)
9. On Off Button
10. Scan Status LED

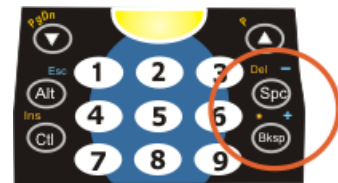


Spc and Del key location

### 55 Key Backspace Primary ANSI Keypad



1. System Status LED
2. Volume Control Icon
3. Display Brightness Icon
4. Diamond Key
5. Scan Button
6. Enter Key
7. Orange Key (Sticky Key)
8. Blue Key (Sticky Key)
9. On Off Button
10. Scan Status LED



Spc and Bksp key location

32 Key Numeric-Alpha Keypad



- 1. System Status LED
- 2. Alpha Status LED
- 3. Diamond Keys
- 4. Scan Button
- 5. Enter Key
- 6. Alph Key
- 7. Orange Key (Sticky Key)
- 8. Blue Key (Sticky Key)
- 9. On Off Button
- 10. Scan Status LED

## Batteries

---

### How To Connect or Remove the Battery Pack

**Warning:** Never remove or replace any battery in a hazardous location.

The MX7 Tecton will not function unless the battery pack is in place and securely latched.

Be sure to place the unit in Suspend Mode (by pressing the Power key or tapping Start | Suspend) before removing the battery. Failing to properly place the device in Suspend mode will result in a loss of all unsaved data.

An MX7 Tecton will retain data, while the main battery is removed and replaced with a fully charged main battery, for 5 minutes.

**Important:** When the internal battery power is Low or Very Low connect the AC adapter to the MX7 Tecton before replacing the main battery.

*Note: The battery should not be replaced in a dirty, harsh or hazardous environment. When the battery is not connected to the MX7 Tecton, any dust or moisture that enters the battery well or connector may transfer to the battery/well terminals, potentially causing damage.*

**Warning :** Only use LXE MX7A380BATT / 159904-0001 or a Low Temperature (CS) Battery : MX7A381BATT (Blue label) batteries as replacements.

---

### Insert/Replace Battery

To insert the main battery, complete the following steps:

1. Detach the bottom hook of the handstrap (if installed).
2. Tilt the end (without the latch) of the fully charged battery pack into the upper end of the battery compartment, and firmly press the other end until it is fully inserted into the battery compartment
3. Push down on the battery until the retaining clip clicks into place.
4. Replace the handstrap clip in its holder (if installed).

The MX7 Tecton draws power from the battery immediately upon successful connection.

---

## Remove Battery

To remove the battery, complete the following steps:

1. Place the MX7 Tecton in Suspend mode.
2. Detach the bottom hook of the handstrap (if installed).
3. Slide the battery retaining clip down to release the main battery.
4. Pull the battery up and out of the battery well.

Place the discharged battery pack in a powered battery charger.

---

## Hotswap the Main Battery

**Warning:** Never replace (hotswap) the MX7 Tecton battery in a hazardous location.

Place the MX7 Tecton in Suspend Mode. LXE recommends any work in progress be saved prior to replacing the battery pack.

Simply replace the discharged battery with a fully-charged battery. An MX7 Tecton, with a fully charged internal battery, will retain data during a battery hotswap for 5 minutes.

## Charge or Recharge the Main Battery

**Warning** : Only use LXE MX7A380BATT / 159904-0001 or a Low Temperature (CS) Battery : MX7A381BATT (Blue label) batteries as replacements.

*Note: The MX7 Tecton Multi-Charger is designed for an indoor, protected environment. It is not authorized for use in areas designated as Hazardous Locations.*

New batteries must be fully charged prior to use.

The main battery can be recharged in an AC powered Multi-Charger after the battery has been removed from the MX7 Tecton or its packing material when new.

The main battery while in the MX7 Tecton can be recharged using several different methods.

*Note: An external power source is required before the main battery in the MX7 Tecton will recharge.*

The main battery can be recharged while it is in the MX7 Tecton:

- by connecting the MX7 Tecton AC power adapter to the I/O connector at the base of the MX7 Tecton.
- by docking the MX7 Tecton in a powered desk cradle
- by docking the MX7 Tecton in a powered vehicle cradle
- or by connecting the car power adapter (CLA) to the I/O connector at the base of the MX7 Tecton.

*Note: An uninterrupted external power source (wall AC adapters) transfers power to the computer's internal charging circuitry which, in turn, recharges the main battery and internal battery. Frequent connection to an external power source, if feasible, is recommended to maintain internal battery charge status as the internal battery cannot be recharged by a dead or missing main battery.*



## Tapping the Touchscreen with a Stylus

*Note: Always use the point of the stylus for tapping or making strokes on the touchscreen.*

**Never use an actual pen, pencil, or sharp/abrasive object to write on the touchscreen.**

Hold the stylus as if it were a pen or pencil. Touch an element on the screen with the tip of the stylus then remove the stylus from the screen.

Firmly press the stylus into the stylus holder when the stylus is not in use.

Using a stylus is similar to moving the mouse pointer then left-clicking icons on a desktop computer screen.

Using the stylus to tap icons on the touchscreen is the basic action that can:

- Open applications
- Choose menu commands
- Select options in dialog boxes or drop-down boxes
- Drag the slider in a scroll bar
- Select text by dragging the stylus across the text
- Place the cursor in a text box prior to typing in data
- Place the cursor in a text box prior to retrieving data using the scanner/imager or an input/output device connected to the serial port.

A stylus replacement kit is available.

## Backlights and Indicators

The MX7 Tecton System Status LED is located at the top left of the keypad, below the F3 key. The Alpha Mode LED is located below the F4 key on the 32-key keypad.

LEDs (Light Emitting Diodes) are located on the front of the MX7 Tecton. They are:

1. **System Status LED** indicates power management status.
2. **Alpha Mode Status LED** applies to the 32-key keypad only.

### System Status LED

|                |   |
|----------------|---|
| Blinking Red   | Battery power fail; critical suspend mode |
| Steady Red     | Main battery low                          |
| Blinking Green | Display turned off                        |
| Yellow / Amber | A few seconds when Power key is pressed   |
| No Color       | No user intervention required.            |

### Alpha mode Status LED

|              |   |
|--------------|---|
| Steady Green | Device is in "Alpha" character input mode |
| No Color     | Device is in "Numeric" key input mode     |

### Scan Status

An oval indicator situated below the keypad and next to the On button.

|              |   |
|--------------|---|
| Steady Green | Good scan   |
| Steady Amber | Decoder engine storing changed parameters               |
| Steady Red   | Scan in progress  |
| No Color     | Scanner / Imager ready for use or no scanner installed. |

### Toggle Vibrate Indicator

#### Start | Settings | Control Panel | Data Collection| Notification tab

The MX7 Tecton vibration motor is activated when a scan is completed successfully (good scan vibration) or with a failure (scan key released before good scan, timeout, or rejected because of Data Options configuration).

The vibrations can be detected under the handstrap or through the trigger handle.

Toggle the vibrate indicator on or off by tapping the desired radio button for Good Scan Vibration and Bad Scan Vibration.

Options are:

- Off
- Short
- Medium
- Long

## Connecting Cables to the MX7 Tecton

*Note: Do not connect or disconnect cables in a Hazardous location.*

---

### Connecting the USB Client and Power Cable

Prerequisite : AC/DC Adapter Assembled

*Note: Do not connect AC power to the AC Adapter yet.*

#### Client Cable Assembly



1. Holding the cable I/O connector, pinch the catch release buttons in until the catches are open. Connect the cable to the MX7 Tecton I/O port by matching the shape of the I/O connector on the cable with the shape of the I/O connector at the base of the MX7 Tecton. Release the catch release buttons.
2. Insert the AC adapter single pin cable .
3. Connect the AC Adapter to a power source (wall outlet).
4. Insert the USB client plug into the target USB Client port.

The MX7 Tecton and the USB client are connected.

## Connecting the Serial and Power Cable

Prerequisite : AC/DC Adapter, Assembled

*Note: Do not connect AC power to the AC Adapter yet.*

### Serial/Power Cable Assembly



1. Holding the cable I/O connector, squeeze the catch release buttons in until the catches are open. Connect the cable to the MX7 Tecton I/O port by matching the shape of the I/O connector on the cable with the shape of the I/O connector at the base of the MX7 Tecton. Release the catch release buttons.
2. Connect the AC adapter single pin cable .
3. Connect the assembled AC/DC Adapter to a power source (wall outlet).
4. Connect the RS-232 cable end to the desired serial device. Turn the thumbscrews clockwise until the connection is finger-tight.

The MX7 Tecton and the serial device are connected.

## Connecting an External Power Supply



1. Connects to AC single-pin cable end
2. AC receptacle
3. Wall plug
4. AC connection from wall to adapter

To apply external power to the MX7 Tecton follow the steps below in sequence.

1. Plug the 3 prong AC adapter cable end of the external power assembly into an AC power source (e.g. wall outlet).
2. Firmly press the female end of the power cable into the male connector on the power adapter. When AC power is being supplied to the power adapter, the LED on the power adapter illuminates green.
3. Squeeze the catches of the I/O connector and push the cable connector into the MX7 Tecton I/O port until it clicks. The click means the connector is seated firmly.
4. Press the power cable connector pin from the power adapter into the connector on the (USB/Power or Serial/Power) cable attached to the base of the MX7 Tecton. External power is now being supplied to the MX7 Tecton.

Whenever possible, use the AC power adapter with the MX7 Tecton to conserve the main battery power and maintain a charge in the internal battery.

## Connecting Vehicle Power

Complete vehicle cradle mounting and power instruction is contained in the *MX7 Tecton Cradle Guide*.

The MX7 Tecton must have a main battery installed before docking the MX7 Tecton in a cradle.

### DC to DC Power Supply Installation

For use with LXE power supplies:

- 9000301PWRSPPLY – Power Supply, 18-60VDC with cable
- 9000302PWRSPPLY – Power Supply, 60-110VDC with cable




### Connecting Electrical Cables to Power Sources

The DC to DC power supply is used to provide vehicle power to the MX7 Tecton when placed in a DC powered vehicle dock.

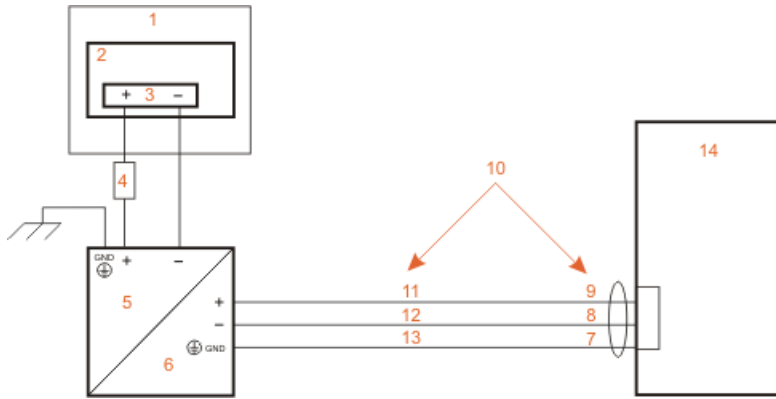
|                                      |  |
|--------------------------------------|--|
| Specifications for Electrical Supply |  |
|--------------------------------------|--|

|                |   |
|----------------|---|
| Input Voltage  | Always observe input voltage range specified on the DC to DC power supply |
| Output Voltage | 12 VDC ± 10%  |
| Power          | 50 W  |
| Fuse           | 5 A (slow blow fuse). Fuses are USER SUPPLIED                             |

*Note: Refer to the [Wiring Schematic](#) for wiring colors and connections.*

|   |   |
|---|---|
|  | <p><b>Caution:</b> For proper and safe installation, the input power cable must be connected to a fused circuit on the vehicle. This fused circuit requires a five Amp maximum time delay (slow blow) high interrupting rating fuse. If the supply connection is made directly to the battery, the fuse should be installed in the positive lead within 5 inches of the battery positive (+) terminal. Note: For North America, a UL Listed fuse is to be used.</p> |
|  | <p><b>Caution:</b> For installation by trained service personnel only.</p>  |
|  | <p><b>Warning:</b> Risk of ignition or explosion. Explosive gas mixture may be vented from battery. Work only in well ventilated area. Avoid creating arcs and sparks at battery terminals.</p>   |

## Wiring Schematic



1. Existing Circuitry on Vehicle
2. Forklift Battery
3. Main Switch
4. 5A slow fuse close to power source
5. Power input
6. Isolated DC power output
7. Green
8. Red / Black
9. Red / White
10. Use color scheme corresponding to input wire provided
11. Brown
12. Blue
13. Green
14. Vehicle mounted cradle

## How To Connect Vehicle Electrical Connection

1. The vehicle cradle must be empty.
2. Begin by connecting the power cable to the MX7 Tecton's vehicle cradle. Work from this connection with the last connection being to the vehicle's power source.
3. Route the cable from the cradle to the DC to DC converter.
4. Cut the cable to length and strip the wire ends.  
Route the power cable the shortest way possible. The cable is rated for a maximum temperature of 105°C (221°F). When routing this cable it should be protected from physical damage and from surfaces that might exceed this temperature. Do not expose the cable to chemicals or oil that may cause the wiring insulation to deteriorate. If the vehicle is equipped with a panel containing Silicon Controller Rectifiers (SCR's), avoid routing the power cable in close proximity to these devices. Always route the cable so that it does not interfere with safe operation and maintenance of the vehicle.
5. Remove the DC to DC converter lid screws. Put them in a safe place.
6. Remove the lid from the DC to DC converter.
7. Attach the stripped wire ends to the **output** side of the DC to DC converter.
8. Attach the stripped wire ends to the **input** side of the DC to DC converter.
9. The input and output blocks each have two + plus and two – minus connectors. Either connector in the block can be used to connect the matching polarity wire. The input and output blocks also each have two chassis ground connections. When connecting the MX7 Tecton cradle to vehicle power, use one chassis ground connector in each block.






10. Wire colors depend on the type of device attached. Please refer to [this illustration](#) for wire colors.
11. Use the looms and wire ties to secure all wiring as shown above, then reattach the cover with the screws.

12. Connect the DC to DC converter to the vehicle's electrical system.
13. While observing the fuse requirements specified [here](#), connect the power cable as close as possible to the actual battery terminals of the vehicle. When available, always connect to unswitched terminals in the vehicle fuse panel, after providing proper fusing.  
*Note: ATTENTION: For uninterrupted power, electrical supply connections should not be made at any point after the ignition switch of the vehicle.*
14. Use proper electrical and mechanical fastening means for terminating the cable. Properly sized "crimp" type electrical terminals are an accepted method of termination. Please select electrical connectors sized for use with 18AWG (1mm<sup>2</sup>) conductors.
15. Provide mechanical support for the cable by securing it to the vehicle structure at approximately one foot intervals, taking care not to over tighten and pinch conductors or penetrate outer cable jacket.

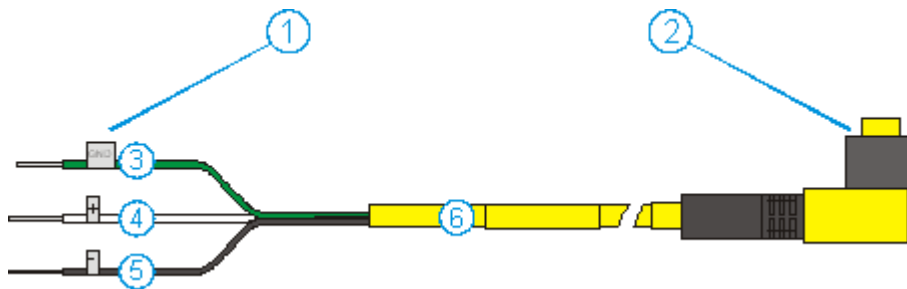


## Vehicle 12V Bare Wire Adapter

Part Number: 9000A079CBL12ML3

|   |  |
|---|--|
| <p><b>Caution</b></p>  | <p>For proper and safe installation, the input power cable must be connected to a fused circuit on the vehicle. This fused circuit requires a Amp maximum time delay (slow blow) high interrupting rating fuse. If the supply connection is made directly to the battery, the fuse should be installed in the positive lead within 5 inches of the battery positive (+) terminal. Note: For North America, a UL Listed fuse is to be used.</p> |
| <p><b>Caution</b></p>  | <p>For installation by trained service personnel only.</p>   |
| <p><b>Warning</b></p>  | <p>Risk of ignition or explosion. Explosive gas mixture may be vented from battery. Work only in well ventilated area. Avoid creating arcs and sparks at battery terminals.</p>  |

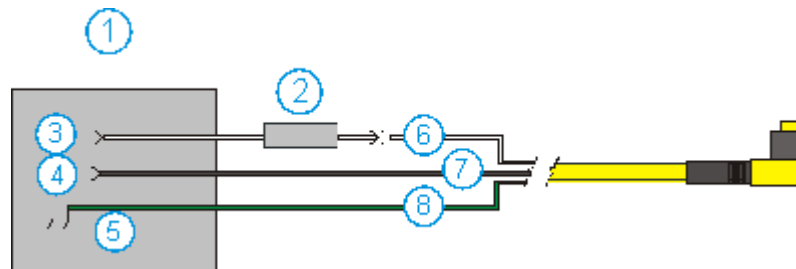
### Vehicle Cable Connection Cable (Fuse Not Shown)



1. To Vehicle Battery
2. To Vehicle Mounted Device
3. Green (GND)
4. Brown (DC+)
5. Blue (DC-)
6. 12 VDC

---

## Connecting the Power Cable to the Vehicle



1. Vehicle Electrical System
2. 10 Amp Slow Blow Fuse
3. DC +
4. DC -
5. Vehicle Chassis
6. Brown
7. Blue
8. Green

*Note: Correct electrical polarity is required for safe and proper installation. The cradle will not power on or function if the cable is connected with the polarity reversed. See the following figure titled "Vehicle Connection Wiring Color Codes" for additional wire color-coding specifics.*

**How To: Connect Vehicle 12 VDC Connection**

1. The power cable must be UNPLUGGED from the MX7 Tecton vehicle cradle.
2. While observing the fuse requirements specified above, connect the power cable as close as possible to the actual battery terminals of the vehicle. When available, always connect to unswitched terminals in the vehicle fuse panel, after providing proper fusing.

**ATTENTION: For uninterrupted power, electrical supply connections should not be made at any point after the ignition switch of the vehicle.**

3. Route the power cable the shortest way possible. The cable is rated for a maximum temperature of 105°C (221°F). When routing this cable it should be protected from physical damage and from surfaces that might exceed this temperature. Do not expose the cable to chemicals or oil that may cause the wiring insulation to deteriorate.

*Note: If the vehicle is equipped with a panel containing Silicon Controller Rectifiers (SCR's), avoid routing the power cable in close proximity to these devices.*

Always route the cable so that it does not interfere with safe operation and maintenance of the vehicle.

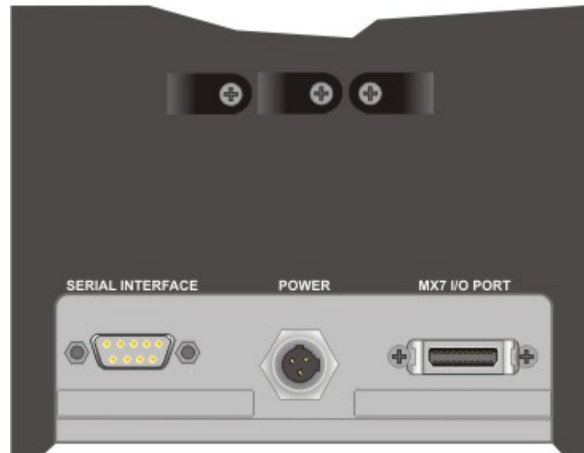
Use proper electrical and mechanical fastening means for terminating the cable. Properly sized “crimp” type electrical terminals are an accepted method of termination. Select electrical connectors sized for use with 18AWG (1mm<sup>2</sup>) conductors.

Wiring color codes for LXE supplied DC input power cabling:

| Vehicle Supply        | Wire Color |
|-----------------------|------------|
| +12VDC (DC +)         | Brown      |
| Return (DC -)         | Blue       |
| Vehicle Chassis (GND) | Green      |

4. Provide mechanical support for the cable by securing it to the vehicle structure at approximately one foot intervals, taking care not to over tighten and pinch conductors or penetrate outer cable jacket.
5. Refer to the following sections to complete the power connection to the MX7 Tecton vehicle cradle.

## Connect Power Supply to Vehicle Cradle



The power cable connector is L-shaped.

The long end of the L (the cable) will be facing up towards the middle strain relief cable clamp.

Align the connector pins to the vehicle cradle Power connector; firmly pushing the connector into the Power port.

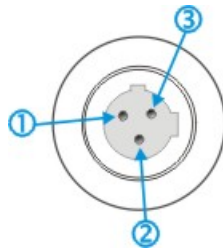
Tighten the nut of the plug clockwise until the power cable is securely fastened.

Secure the cable to the cradle with the LXE-installed strain relief cable clamp (see section titled Vehicle Cradle Strain Relief Cable Clamp).

The power LED on the MX7 Tecton illuminates when it is receiving external power and an MX7 Tecton is docked.

### Cradle Power Connector Port

*Note: When an external power supply is used to power this cradle, the external power supply should be UL Listed, with LPS or Class 2 outputs rated 12V, minimum 2 Amps.*



| Pin | Signal      | Wire Color |
|-----|-------------|------------|
| 1   | Ground (CG) | Green      |
| 2   | Return (-)  | Blue       |
| 3   | +12V (+)    | Brown      |

## Connecting the Headset Cable



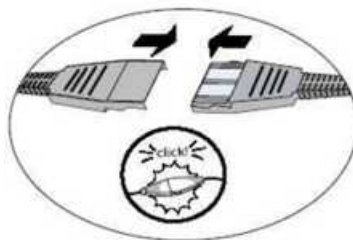
**Headset**

1. Connects to voice cable end of voice cable
2. Headphones
3. Microphone



**MX7 Tecton Voice Cable**

Connect the MX7 Tecton voice cable I/O connector to the I/O port on the MX7 Tecton. The MX7 Tecton internal microphone and speaker are automatically disabled.



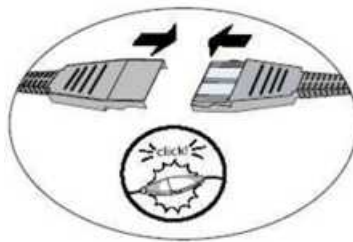
Slide the voice cable ends together until they click shut. Do not twist or bend the connectors. The MX7 Tecton is ready for voice-enabled applications.

## Adjust Headset / Microphone and Secure Cable



The headset consists of an earpiece, a microphone, a clothing clip and a cable. The headset attaches to the audio cable end of the voice cable which attaches to the MX7 Tecton.

Align the audio connector and the headset quick connect cable end. Firmly push the cable ends together until they click and lock in place.



Do not twist the microphone boom when adjusting the microphone. The microphone should be adjusted to be about two finger widths from your mouth.

Make sure the microphone is pointed at your mouth. Note the small "Talk" label near the mouthpiece. Make sure the Talk label is in front of your mouth. The microphone cable can be routed over or under clothing.

### Under Clothing

- Leave the cable exposed only at the top of the collar.
- Be sure to leave a small loop of cable to allow movement of your head.

### Over Clothing

- Use clothing clips to hold the cable close to your body.
- Tuck the cable under the belt, but leave a small loop where it goes under the belt.
- Do not wear the cable on the front of your body. It may get in your way or get caught on protruding objects.

## Attaching the Handstrap

*Note: Either the trigger handle is attached to the MX7 Tecton or the handstrap is attached, not both. LXE recommends that, in the absence of a trigger handle, the handstrap be used at all times. LXE pre-installs the handstrap on a MX7 Tecton that is purchased without a trigger handle.*



1. Handstrap Retainer Bracket
2. Handstrap and tethered stylus
3. Handstrap Clip

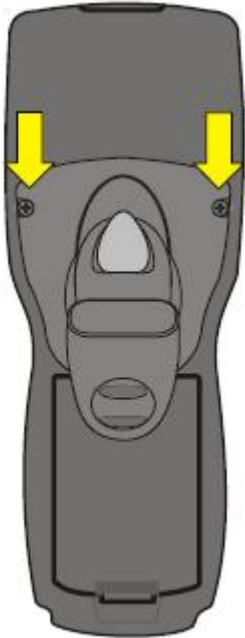
**Tool Required:** Phillips #1 screwdriver (not supplied by LXE)

1. Place the MX7 Tecton with the screen facing down, on a flat stable surface.
2. Attach the handstrap retainer bracket to the MX7 Tecton with the screws and washers provided.
3. Slip the Handstrap Clip into the bracket at the base of the MX7 Tecton.
4. Making sure the closed loop fastener surfaces on the handstrap are facing up, slide the strap through the pin in the bottom bracket and the clip.
5. Fold each end of the strap over so that the closed loop fastener surfaces mate evenly.
6. Test the strap's connection making sure the MX7 Tecton is securely connected to each end of the handstrap's connectors.

Check the closed loop fastener, retainer bracket and clip connections frequently. If they have loosened, they must be tightened or replaced before the MX7 Tecton is placed into service again.

## Attaching the Trigger Handle

Pressing the trigger on the trigger handle activates the integrated scanner and functions the same as the Scan key on the keypad. With the handle installed the Scan key on the keypad remains active. The trigger duplicates the operation.



- The handle is built of a durable, flexible plastic.
- The handle will not detach from the MX7 Tecton if the unit is dropped.
- The trigger handle is a mechanical device. Battery or external A/C power is not required for operation.
- The trigger handle does not need to be removed when replacing the main battery pack.
- The trigger handle might also be called a pistol grip.

**Equipment needed:** Torque wrench capable of torquing to  $3\pm 1$  in/lb ( $.34\pm .11$  N/m).

Either the trigger handle or the handstrap is attached, not both. LXE recommends that, in the absence of a trigger handle, the handstrap be used at all times.

1. Place the MX7 Tecton with the screen facing down, on a flat stable surface.
2. Remove the handstrap, if installed.
3. Remove the battery.
4. Slide the locking tab on the underside of the trigger handle into the slot at the back of the battery compartment and press it firmly into place.
5. Ensure that the battery can be inserted into the battery compartment before securing the trigger handle in place.
6. Attach the trigger handle to the MX7 Tecton (as shown above) with the screws provided.
7. Torque the pan head screws to  $3\pm 1$  in/lb ( $.34\pm .11$  N/m).
8. Secure the strap tether to the trigger handle.
9. Place the stylus in the stylus holder in the trigger handle.

Periodically check the trigger handle for wear and the connection for tightness. If the handle gets worn or damaged, it must be replaced. If the trigger handle connection loosens, it must be tightened or replaced before the MX7 Tecton is placed in service.



## Assemble the Carry Case

*Note: LXE recommends that accessory installation or removal be performed on a clean, well-lit surface. When necessary, protect the work surface, the MX7 Tecton, and components from electrostatic discharge.*

1. Remove any cables connected to the I/O port at the bottom of the MX7 Tecton.
2. Remove the rubber boot from the MX7 Tecton.
3. Separate the hook and loop fabric on the carry case without removing the hook and loop fabric from the carry case.
4. Slip the removable, clear plastic protector for the keypad and touchscreen into the case. Position it against the openings for the keypad and touchscreen in the case. The voice case does not require the clear plastic protector.
5. Slide the MX7 Tecton into the case, making sure the touchscreen and keypad (including the Scan LED) are visible and accessible through the front openings of the case.
6. Securely tether the stylus to the case, if necessary. Place the stylus in the stylus holder on the handstrap or in the trigger handle.
7. Loosen then tighten the handstrap (on cases without a trigger handle opening) until the carry case assembly is secure in your hand.
8. When a shoulder strap is available, secure the clips at each end of the shoulder strap to the D rings on either side of the carry case. The shoulder strap allows the MX7 Tecton to hang upside down until needed.

The main battery can be removed and inserted without taking the MX7 Tecton out of the carry case.

---

### Carry Case with Metal Snaps

The metal snap has a bulge in the lip and a dot indentation on the opposite side. To snap the cap closed, tuck the lip bulge under the snap lip and press on the dot to snap closed.

Pull the snap up to open.

## Set Date and Time Zone

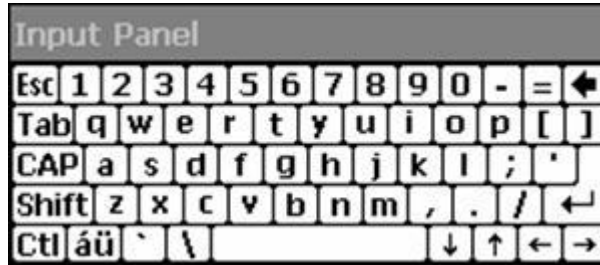
Tap **Start | Settings | Control Panel | Date/Time** icon or tap the Date/Time in the taskbar.

Set Date, Time, Time Zone, and assign a Daylight Savings location on the MX7 Tecton.

There is very little functional change from standard desktop PC Date/Time Properties options. Adjust the settings and tap the OK button or the Apply button to save changes to the registry. Any changes take effect immediately.

Double-tapping the time displayed in the Taskbar causes the Date/Time Properties screen to appear.

## Using the Input Panel / Virtual Keyboard



The virtual keyboard is always available when needed e.g. text entry.

Place the cursor in the text entry field and, using the stylus:

- Tap the Shift key to type one capital letter.
- Tap the CAPS key to type all capital letters.
- Tap the áü key to access symbols.

Some applications do not automatically display the Input Panel. In this case, do the following to use the Input Panel:



Input Panel icon in the taskbar



Keyboard icon in the taskbar

- Tap the Input Panel or Keyboard icon in the taskbar.
- Select **Keyboard** from the menu.
- Move the cursor into the text entry field when you want to enter data using the Input Panel.

When finished entering data, tap the icon in the Taskbar again. Select **Hide Input Panel**.

## Set Power Scheme Timers

[Start](#) | [Settings](#) | [Control Panel](#) | [Power](#) | [Schemes](#)

Change the parameter values and tap OK to save the changes.

### Battery Power Scheme

Use this option when the MX7 Tecton will be running on battery power only.

|   |                             |
|---|-----------------------------|
| Switch state to <b>User Idle</b> <sup>1</sup>   | Default is After 3 seconds  |
| Switch state to <b>System Idle</b> <sup>2</sup> | Default is After 15 seconds |
| Switch state to <b>Suspend</b> <sup>3</sup>     | Default is After 5 minutes  |

### AC Power Scheme

Use this option when the MX7 Tecton will be running on external power (e.g. connected to an A/C power source).

|                             |                            |
|-----------------------------|----------------------------|
| Switch state to User Idle   | Default is After 2 minutes |
| Switch state to System Idle | Default is After 2 minutes |
| Switch state to Suspend     | Default is After 5 minutes |

The timers are cumulative. The System Idle timer begins the countdown after the User Idle timer has expired and the Suspend timer begins the countdown after the System Idle timer has expired. When the User Idle timer is set to "Never", the power scheme timers never place the MX7 Tecton in User Idle, System Idle or Suspend modes (even when the MX7 Tecton is idle).

Using the Battery Power Scheme Defaults listed above, the cumulative effect results in the following:

- The backlight turns off after 3 seconds of no activity,
- The display turns off after 18 seconds of no activity (15 seconds + 3 seconds),
- And the MX7 Tecton enters Suspend after 5 minutes and 18 seconds of no activity.

<sup>1</sup>An amount of time has passed, set by the User Idle timer, and the device shuts down a minimum number of services e.g. backlights. The System Idle timer and the Suspend timer have not expired yet.

<sup>2</sup>An amount of time has passed, set by the System Idle timer, and the device shuts down a few more services e.g. display. The User Idle timer has expired and the Suspend timer has not expired yet.

<sup>3</sup>Suspend mode is entered when (1) the unit is inactive for a predetermined period of time, (2) the user taps the Power key, or (3) Start | Suspend is chosen. Inactivity means that internal devices that reset the power state are not active.

## Set Speaker Volume

The speaker is located on the front, between MX7 and Tecton.

Speaker volume can be adjusted to a comfortable level for the listener by using the keypad or by changing parameters in the Volume & Sounds control panel.

---

### Using the Keypad

*Note: Volume & Sounds (in Settings | Control Panel) must be enabled before the following key sequences can adjust the volume.*

The volume is increased or decreased one step each time the volume key sequence is pressed.

To adjust speaker volume:

- Tap the **Orange** key then the **Scan** key to enter Volume change mode.
- Use the **Up Arrow** and **Down Arrow** keys. A beep is emitted at each arrow key press. When the volume reaches maximum level, two extra beeps are emitted.
- Press any key, except the keys you used to adjust the volume, to exit.

Volume control using a keypad key press has six volume settings that match those supported by the Volume and Sounds Control panel. Volume does not “roll-over” from minimum to maximum or from maximum to minimum. Continuously holding down the up or down arrow keys does not cause an automatic repeat of the up (or down) arrow key.

---

### Using the Control Panel

Tap **Start | Settings | Control Panel | Volume & Sounds | Volume** tab. Change the volume setting and tap OK to save the change.

You can also select / deselect sounds for key clicks and screen taps and whether each is loud or soft.

As the volume scrollbar is moved between Loud and Soft, the MX7 Tecton emits a tone each time the volume increases or decreases.

## Touchscreen

---

### Calibrating the Touchscreen

If the touchscreen is not responding properly to stylus taps, you may need to recalibrate the touchscreen.

Recalibration involves tapping the center of a target. If you miss the center, keep the stylus on the screen, slide it over the target's center, and then lift the stylus.

To recalibrate the screen, select **Start | Settings | Control Panel | Stylus | Calibration** tab.

Follow the instructions on the screen and press the Enter key to save the new calibration settings or press Esc to cancel or quit.

### Adjusting the Display Backlight Timer

#### Start | Settings | Control Panel | Display | Backlight

The backlight settings use the LXE set of default timeouts and are synchronized to the User Idle setting in the Schemes tab in the Power control panel.

When the backlight timer expires, the display backlight is dimmed, not turned off. When both checkboxes are unchecked, the backlight never turns off (or dims).

Default values are 3 seconds for Battery, 2 minutes for External and both the check boxes are enabled.

This backlight setting as well as the user idle power scheme controls both the keypad and display backlights.

Different timeouts can be set for the backlights when on battery or external power. The backlights timer can be disabled for a particular mode by unchecking the checkbox. When the backlight timer is disabled, the backlight never turns off (or dims) in that mode.

---

### Apply the Touchscreen Protective Film

First, [clean the touchscreen](#) of fingerprints, lint particles, dust and smudges.

Remove the protective film from its container. Remove any protective backing from the film sheet by lifting the backing from a corner of the film. Discard the backing.

Apply the film to the touchscreen starting at one side and smoothing it across the display. If air bubbles appear, raise the film slightly and continue smoothing the film across the display until it covers the glass surface of the display. If dust, lint or smudges are trapped between the protective film and the glass display, remove the protective film, clean the display and apply the protective film again.

Contact your [LXE representative](#) about protective film packs designed specifically for your MX7 Tecton touchscreen.

## Cleaning the Touchscreen and Scanner Aperture

*Note: These instructions are for components made of glass. If there is a removable protective film sheet on the display, remove the film sheet before cleaning the screen.*

Keep fingers and rough or sharp objects away from the scanning aperture and the mobile device touchscreen.

If the glass becomes soiled or smudged, clean only with a standard household cleaner such as Windex® without vinegar or use Isopropyl Alcohol. Dampen the cloth with the cleaner and then wipe the surface.

Do not use paper towels or harsh-chemical-based cleaning fluids since they may result in damage to the glass surface. Use a clean, damp, lint-free cloth.

Do not scrub optical surfaces. If possible, clean only those areas which are soiled. Lint and particulates can be removed with clean, filtered canned air.

## Setup Terminal Emulation Parameters

Before you make a host connection, you will, at a minimum, need to know:

- the alias name or IP address (Host Address) and
  - the port number (Telnet Port) of the host system to properly set up your host session.
1. Make sure the mobile client network settings are configured and functional. If you are connecting over wireless LAN (802.11x), make sure your mobile client is communicating with the Access Point.
  2. From **Start | Program**, run **LXE RFTerm** or tap the RFTerm icon on the desktop.
  3. Select **Session | Configure** from the application menu and select the "host type" that you require. This will depend on the type of host system that you are going to connect to; i.e. 3270 mainframe, AS/400 5250 server or VT host.
  4. Enter the "Host Address" of the host system that you wish to connect to. This may either be a **DNS name or an IP address of the host** system.
  5. Update the **telnet port number**, if your host application is configured to listen on a specific port. If not, just use the default telnet port.
  6. Select **OK**.
  7. Select **Session | Connect** from the application menu or tap the "Connect" button on the Tool Bar. Upon a successful connection, you should see the host application screen displayed.

To change options such as Display, Colors, Cursor, Barcode, etc., please refer to these sections in the *RFTerm Reference Guide* for complete descriptions of these and other features.

## Using the AppLock Switchpad

*Note: The touchscreen must be enabled. Select **Start | Settings | Control Panel | Options | Misc. tab** to verify touchscreen status.*



**Switchpad Menu**



**Switchpad Icon in Taskbar**

A checkmark indicates applications currently active or available for Launching by the MX7 Tecton user. When Keyboard, on the Switchpad Menu, is selected, the default input method (Input Panel, Transcriber, or custom input method) is activated.

---

## Using the Keypad

One switch key sequence (or hotkey) is defined by the Administrator for the end-user to use when switching between locked applications. This is known as the **Activation key**.

When the switch key sequence is pressed on the keypad, the next application in the AppLock configuration is moved to the foreground and the previous application moves to the background. The previous application continues to run in the background. MX7 Tecton key presses affect the application in focus only.

---

## Using the Touchscreen

The figure shown above is an example and is shown only to aid in describing how the user can switch between applications using a stylus.

When the user taps the Switchpad icon with the stylus, a menu pops up listing the applications available to the user. The user can tap an application name in the popup menu and the selected application is brought to the foreground. The previous application continues to run in the background. Stylus taps affect the application in focus only. When the user needs to use the Input Panel, they tap the Keyboard option. Input Panel taps affect the application in focus only.

## Connecting Bluetooth Devices

### Prerequisites:

- The system administrator has discovered, paired, connected and disconnected (using LXEZ Pairing Control Panel) Bluetooth devices for each MX7 Tecton.
- The system administrator has enabled and disabled LXEZ Pairing parameters for the MX7 Tecton.
- The system administrator has also assigned a Computer Friendly Name using LXEZ Pairing Control Panel for the MX7 Tecton.



To connect Bluetooth devices, the MX7 Tecton should be as close as possible and in direct line of sight (distances up to 32.8 feet or 10 meters) with the targeted Bluetooth device during the discovery and pairing process.

If the devices are in Suspend, tap the power key to wake the MX7 Tecton.

Using the correct procedure, wake the targeted Bluetooth device if necessary.

There may be audible or visual signals as both devices discover and pair with each other.

### Taskbar Connection Indicator

|  |  |
|--|--|
|   | MX7 Tecton is connected to one or more of the targeted Bluetooth device(s).  |
|  | MX7 Tecton is not connected to any Bluetooth device.<br>MX7 Tecton is ready to connect with any Bluetooth device.<br>MX7 Tecton is out of range of all paired Bluetooth device(s). Connection is inactive. |

There may be audible or visual signals from paired devices as they move back into range and re-connect with the Bluetooth hardware in the MX7 Tecton.



## Reboot Sequences

When the desktop is displayed or an application begins, the power up sequence is complete. If you have previously saved your settings, they will be restored on reboot. Application panel changes are saved when ok is tapped on an application properties panel.

During the processes that follow there may be small delays while the wireless client connects to the network and Bluetooth relationships establish or re-establish.

---

## Suspend / Resume

Quickly tapping the Power key places the MX7 Tecton in Suspend mode. Quickly tapping the Power key again, pressing any key, pressing the trigger (on the trigger handle, if installed), or tapping the touchscreen, returns the MX7 Tecton from Suspend. The System LED blinks green when the video display is Off (and the device is not in Suspend Mode or Critical Suspend).

or

Tap Start then tap Suspend. The MX7 Tecton enters suspend mode. Quickly tapping the Power key again, pressing any key, pressing the trigger (on the trigger handle, if installed), or tapping the touchscreen, returns the MX7 Tecton from Suspend.

---

## Warmboot

A warmboot reboots the computer without erasing any registry data. Configuration settings and data in RAM are preserved during a warmboot. Network and ActiveSync sessions are lost and any data in running applications that had not been previously saved may be lost. CAB files already installed remain installed.

There are several methods available:

- Using the Registry, select Start | Settings | Control Panel | Registry and tap the Warmboot button. The MX7 Tecton immediately warmboots.
- Using the Start menu, select Start | Run and type WARMBOOT in the text box. Press Enter. The MX7 Tecton immediately warmboots. The WARMBOOT text command [is not case-sensitive](#)<sup>1</sup>.
- Using the keypad, press the Ctl key and release it, press the Alt key and release it, press the Del key and release it. The MX7 Tecton immediately warmboots.

---

<sup>1</sup>The text typed in the text box can be upper or lower case or a combination of upper and lower case letters.

## Troubleshooting

|   |   |
|---|---|
| <p>Can't change the date/time or adjust the volume.</p>                 | <p>AppLock is installed and may be running in User Mode on the MX7 Tecton. AppLock user mode restricts access to the control panels.</p>  |
| <p>Touchscreen is not accepting stylus taps or needs recalibration.</p> | <p>See "Calibrating the Touchscreen" on page 32 when the touchscreen needs recalibration, or<br/>if the touchscreen is not accepting stylus taps, press &lt;Ctrl&gt;+&lt;Esc&gt; to force the Start Menu to appear. Use the tab, backtab, arrow keys and Enter to move the highlight to Start   Settings   Control Panel   Registry   Warmboot. Press Enter and the MX7 Tecton warmboots.</p> |
| <p>MX7 Tecton seems to lockup as soon as it is rebooted.</p>            | <p>There may be slight delays while the wireless client connects to the network, authorization for voice-enabled applications complete, and Bluetooth relationships establish or re-establish.<br/>When an application begins, the MX7 Tecton is ready for use.</p>   |
| <p>New MX7 Tecton main batteries don't last more than a few hours.</p>  | <p>New batteries must be fully charged prior to first use. Li-Ion batteries (like all batteries) gradually lose their capacity over time (in a linear fashion) and never just stop working. This is important to remember – the MX7 Tecton is always 'on' even when in the Suspend state and draws battery power at all times.</p>  |

### Continuous Scan Mode

If Continuous Scan Mode has been enabled (factory default setting is 'Disabled'), the laser (or imager) is always on and decoding.

**Caution: Laser beam is emitted continuously. Do not stare into the laser beam.**

*Note: Low Power Scanner does not support aim mode. Any attempt to adjust the aiming beam using SE955 programming barcodes in the Integrated Scanner Programming Guide will fail. The Low Power scanner does not decode Codablock, Code93i, Matrix 2 of 5 or Telepen symbologies.*

## Regulatory Notices and Safety Information

### Waste Electrical and Electronic Equipment (WEEE)



**Important:**

This symbol is placed on the product to remind users to dispose of Waste Electrical and Electronic Equipment (WEEE) appropriately, per Directive 2002-96-EC. In most areas, this product can be recycled, reclaimed and re-used when properly discarded. Do not discard labeled units with trash. For information about proper disposal, Contact your [LXE representative](#), or visit [www.lxe.com](http://www.lxe.com).

### Class B Digital Device

#### NOTICE

This device complies with Part 15 of the FCC Rules [and with RSS-210 of Industry Canada]. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### NOTICE

Changes or modifications made to this equipment not expressly approved by LXE, Inc., may void the FCC authorization to operate this equipment.

#### EMC Directive Requirements

This is a Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

#### Industry Canada

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada. Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le Règlement sur le brouillage radioélectrique édités par le ministère des Communications du Canada.

### Li-Ion Battery

When disposing of the MX7 Tecton main battery, the following precautions should be observed: The battery should be disposed of properly. The battery should not be disassembled or crushed. The battery should not be heated above 212°F (100°C) or incinerated.

**NOTICE:**

*This Class B digital apparatus complies with Canadian ICES-003.*

*Cet appareil numérique de la classe [\*] est conforme à la norme NMB-003 du Canada.*

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## RF Notices

This device (FCC ID: KDZLXE-MX7T and IC ID: 1995B-LXEMX7T) contains transmitter Module FCC ID: TWG-SDCM30AG and IC ID: 6616A-SDCM30AG.

### RF Safety Notice

Caution:



This device was tested for typical body-worn operation. Use only LXE tested and approved accessories to ensure FCC Compliance. The use of third-party accessories may not comply with FCC RF exposure compliance requirements, and should be avoided. To comply with FCC RF exposure requirements, this device must be operated in the hand with a minimum separation distance of 2.5 cm (0.9842 inch) or more from a person's body.

## Laser Light Safety Statement



**Warning:** This product uses laser light. One of the following labels is provided on the scanner. Please read the Caution statement. (US)

Mise en garde: Ce produit utilise un rayon laser. L'une des étiquettes suivantes est apposée sur le scanner. Veuillez lire l'avertissement qu'elle contient. (FR)

Advertência: Este produto usa luz de laser. O scanner contém um dos seguintes avisos. Favor ler o Aviso. (PT)

Varning: Denna produkt använder laserljus. En av de nedanstående etiketterna sitter på scannern. Var god läs varningstexten. (SE)

Advarsel: Dette produkt anvender laserlys. En af følgende mærkater anvendes på scanneren. Læs venligst sikkerhedsforanstaltningen. (DK)

Varoitus: Tämä tuote käyttää laservaloa. Skannerissa on jokin seuraavista tarroista. Lue Huomio-kohta. (FI)

Warnung: Dieses Produkt verwendet Laserlicht. Eines der folgenden Etiketten befindet sich auf dem Scanner. Bitte lesen Sie den Gefahrenhinweis. (DE)




Attenzione: Questo prodotto utilizza luce laser. Una delle etichette seguenti c'è ubicata sullo scanner. Si raccomanda di leggere con attenzione le avvertenze riportate. (IT)

Advarsel: Dette utstyret bruker laserlys. En av følgende etiketter er plassert på scanneren. Les advarselen på etiketten. (NO)

Advertencia: Este producto usa luz de láser. Las etiquetas se proveen en la máquina exploradora. Por favor, lea detenidamente la explicación para las precauciones. (ES)

Waarschuwing: Dit product gebruikt laserlicht. Een van de volgende labels is op de scanner aangebracht. Lees a.u.b. de waarschuwing onder Oppassen. (NL)

|  |  |
|--|--|
| <p><b>Uyarı:</b><br/>Bu ürün lazer ışığı kullanır.<br/>Aşağıdaki etiketlerden bir tanesi tarayıcınıza üstünde sağlanmıştır.<br/>Lütfen Dikkat ifadesini okuyun. (TR)</p> | <p><b>Προειδοποίηση:</b><br/>Αυτό το προϊόν χρησιμοποιεί λέιζερ φως.<br/>Υπάρχει μία από τις ακόλουθες ετικέτες στο σαρωτή.<br/>Παρακαλούμε διαβάστε τη δήλωση με τίτλο Προσοχή. (GR)</p>  |
| <p><b>경고:</b><br/>본 제품은 레이저 광선을 사용합니다.<br/>다음 라벨 중 하나가 스캐너에 제공됩니다.<br/>주의 사항을 읽어 주십시오. (KR)</p>  | <p><b>警告:</b><br/>この製品はレーザー光線を使用します。<br/>次のラベルのうち1つがスキャナーに貼られています。<br/>注意事項をお読みください。 (JP)</p>  |
| <p><b>警告:</b><br/>本产品使用激光。<br/>下列一个标签将随扫描仪一道提供。<br/>请阅读“当心”一栏的内容。 (CN)</p> <p>雷射光<br/>本產品使用雷射光掃描條碼，請勿正視雷射光或以雷射光照射眼睛。 (Taiwan, ROC)</p>                                   | <p><b>Legend:</b><br/>Chinese-CN; Danish-DK; Dutch-NL; English-US;<br/>Finnish-FI; French-FR; German-DE; Greek-GR;<br/>Italian-IT; Japanese-JP; Korean-KR; Norwegian-NO;<br/>Portuguese-PT; Republic of China-ROC;<br/>Spanish-ES; Swedish-SE; Turkish-TR;</p> |

|                     |  |   |            |
|---------------------|--|---|------------|
| ENGLISH             |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>COMPLIES WITH 21 CFR 1040.10 AND 1040.11 EXCEPT FOR DEVIATIONS PURSUANT TO LASER NOTICE NO.50, DATED JUNE 24, 2007<br/>         EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>LASER LIGHT - DO NOT STARE INTO BEAM</b><br/> <b>CLASS 2 LASER PRODUCT 1.0mW - 630 - 680nm</b></p> |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>RAYONNEMENT LASER NE PAS REGARDER DANS LE FAISCEAU APPAREIL A RAYONNEMENT LASER DE CLASSE 2 1.0mW - 630 - 680nm</b></p> | FRENCH     |
| DANISH              |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>LASERLYS IGG IKKE IND I LYSSTRALEN</b><br/> <b>KLASSE 2 LASER PRODUKT 1.0mW - 630 - 680nm</b></p>  |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>LASERSTRAHLUNG NICHT IN DEN STRAHL BÜCKEN. LASERKLASSE 2 1.0mW - 630 - 680nm</b></p>                                    | GERMAN     |
| GREEK               |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>ΠΗΓΗ ΦΩΤΟΣ LASER ΜΗΝ ΚΟΙΤΑΤΕ ΤΗΝ ΔΕΞΜΗ ΠΡΟΪΟΝ LASER ΚΛΑΣΗΣ 2 1.0mW - 630 - 680nm</b></p>   |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>RADIAZIONE LASER NON FISSARE IL FASCIO APPARECCHIO LASER DI CLASSE 2 1.0mW - 630 - 680nm</b></p>                        | ITALIAN    |
| NORWEGIAN           |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>LASERLYS IKKE SE INN I STRÅLEN</b><br/> <b>KLASSE 2 LASER PRODUKT 1.0mW - 630 - 680nm</b></p>  |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>LUZ DE LASER - NO MIRE DIRECTAMENTE AL HAZ DE LUZ PRODUCTO. LASER DE LA CLASE 2 1.0mW - 630 - 680nm</b></p>             | SPANISH    |
| TURKISH             |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>LASER RADYASYON ISINIA DOĞRU BAKMAYIN. CLASS 2 LASER ÜRÜNÜ 1.0mW - 630 - 680nm</b></p>   |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>LASERBESTRÅLING NIET IN DE LICHTSTRAAL STAREN. KLASSE 2 LASER PRODUCT 1.0mW - 630 - 680nm</b></p>                       | DUTCH      |
| SIMPLIFIED CHINESE  |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>激光辐射 - 勿直视光束</b><br/> <b>2类激光产品 1.0mW - 630 - 680nm</b></p>   |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>LUZ DE LASER NAO OLHE NO RAIO PRODUCTO DE LASER DE CLASSE 2 1.0mW - 630 - 680nm</b></p>                                | PORTUGUESE |
| JAPANESE            |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>レーザー光線 - 光源を見つめると危険です クラス2レーザー製品 1.0mW - 630 - 680nm</b></p>   |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>LASERSTRÅLNING STIRRA EJ IN I STRÅLEN. LASERPRODUKT KLASS 2 1.0mW - 630 - 680nm</b></p>                               | SWEDISH    |
| KOREAN              |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>레이저 라이트 - 빛을 바로 쳐다보지 마십시오. 2종 레이저 상품 1.0mW - 630 - 680nm</b></p>   |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>VAARA LASERSÄTELYÄ ÄLÄ TUUJOTA SATEESEEN. LUOKAN 2 LASER 1.0mW - 630 - 680nm</b></p>                                  | FINNISH    |
| TRADITIONAL CHINESE |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b>本產品使用雷射光開闢條碼，請勿正視雷射光或以雷射光照射眼睛。1.0mW - 630 - 680nm</b></p>  |  <p>AVOID EXPOSURE - LASER RADIATION IS EMITTED FROM THIS APERTURE.<br/> <small>EN60825-1:1994+A1:2002+A2:2001 IEC60825-1:1993+A1:1997+A2:2001</small><br/> <b></b></p>  |            |

## Vehicle Power Supply Connection Safety Statement

Vehicle Power Supply Connection: If the supply connection is made directly to the battery, a A slow-blow fuse should be installed in the positive lead within 5 inches (12.7 cm.) of the battery positive (+) terminal. (US)

Raccordement de l'alimentation du véhicule Si l'alimentation est raccordée directement à la batterie, un fusible à action retardée de A doit être installé sur le câble positif à moins de 12,7 cm de la borne positive (+) de la batterie. (FR)

EL forsyning af køretøjet. Er forsyningsforbindelsen direkte tilknyttet til batteriet og og tilsluttet til den positive part indenfor 12,7 cm (+ delen). vil der være en langsom tændelse af ampere. (DK)

Kytchentä ajoneuvon virtalähteeseen Jos virtaa otetaan suoraan akusta, ampeerin hidas sulake on asennettava positiiviseen johtoon enintään 12 cm:n etäisyydelle akun positiivisesta (+) navasta. (FI)

Anschluss an Fahrzeugbatterie Bei direktem Anschluss an die Fahrzeugbatterie sollte eine träge A-Sicherung in die positive Leitung zwischengeschaltet werden, und zwar nicht weiter als ca. 13 cm von der positiven (+) Batterieklemme entfernt. (DE)

Σύνδεση Τροφοδοτικού Ισχύος Οχήματος Αν η σύνδεση του τροφοδοτικού γίνει κατευθείαν στη μπαταρία, μια ασφάλεια βραδείας τήξης των A θα πρέπει να τοποθετηθεί στο θετικό καλώδιο εντός 5 ιντσών (12,7 εκ.) του θετικού (+) ακροδέκτη της μπαταρίας. (GR)

Collegamento dell'alimentazione del veicolo Se il collegamento dell'alimentazione viene stabilito direttamente con la batteria, è necessario installare un fusibile ad azione lenta da A nel conduttore positivo a meno di 5 in. (12,7 cm) dal terminale positivo (+) della batteria. (IT)

Tilkople strømforsyningen til kjøretøyet Hvis strømforsyningen koples direkte til batteriet, skal det installeres en A-treg sikring i den positive ledningen innen 12,7 cm fra plusspolen (+) på batteriet. (NO)

Ligação do fornecimento de corrente do veículo Se a ligação de fornecimento de corrente for ligada directamente à bateria, deve instalar-se um fusível de A no terminal positivo, a 12,7 cm. do terminal positivo (+) da bateria. (PT)

Conexión de suministro eléctrico para el vehículo Si el suministro eléctrico se proporciona directamente a la batería, se debe instalar un fusible de retardo de A en el conductor positivo, como máximo a 12,7 cm (5 pulgadas) del terminal positivo (+). (ES)

Fordonets strömförsörjningskoppling Om strömkopplingen görs direkt till batteriet, måste en A-säkring installeras i den positivt laddade ledningen inom 12.7 cm från batteriets pluspol (+). (SE)

Taşıt Güç Kaynağı Bağlantısı Kaynak bağlantısı doğrudan aküye yapılırsa, pozitif bağlantı kablosu üzerinde akünün pozitif (+) kutbuna 12.7 cm mesafede A'lık yavaş atan bir sigorta monte edilmelidir. (TR)

Legend: Danish – DK; English – US; Finnish – FI; French- - FR; German – DE; Greek – GR; Italian – IT; Norwegian – NO; Portuguese – PT; Spanish – ES; Swedish – SE; Turkish – TR.

## Revision History

| Revision / Date | Location / Change |
|-----------------|-------------------|
| A / Dec 2010    | Initial Release   |

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