Release Notes for
Version 1.5.2 of Windows® Embedded Handheld 6.5 for the Archer²

December 2014

These notes provide important information for Juniper Systems release of the Microsoft Windows Embedded Handheld (formerly Windows Mobile) 6.5 operating system for the Archer². These notes may also include important hardware information for the device.

Documentation and software updates are available from:

http://www.junipersys.com/Juniper-Systems/support

Contents

These release notes contain the following sections:

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New Features

- Added a check box to show or hide the red crosshairs for screen touch experience. Settings>>system>>touch

Touch Control Panel

The Touch control panel provides the user with access to touchscreen profiles that can help to optimize the performance of the touchscreen for different uses and environments.

To load a different profile, select the desired profile and then tap the load button. <u>Do not interrupt the loading process. If the process is disrupted, it could result in a permanent touchscreen failure.</u>

The Finger profiles make it easier for a finger to touch features and controls at the edges of the screen. The Stylus profiles are optimized for use with a stylus.

Important Notes

- **Hold-to-zoom is a new feature on Archer2.** Hold-to-Zoom is a feature that gives the user a method to temporarily zoom in on an area of the display to make it easier to access touchscreen controls. This feature is accessed by pressing and holding the P1 key and then tapping the area of the screen that you want to zoom. Full details of this feature are provided in the owner's manual.

- **Encrypted SD card cannot be used for OS update.** The device cannot perform an OS update with an SD card that has been encrypted. Before running an OS update, verify that the encryption option in Start > Settings > System > Encryption is disabled.

- **Customizing the backlight on your device display to optimize visibility and power consumption.** The backlight can be adjusted to improve display visibility. Using brighter backlight settings will consume more power. It is recommended that you customize backlight brightness to optimize display visibility and battery usage to fit your environment and usage [3090].

- **Hardware OK button.** The shift-5 button on the keypad can be used to send an "OK" to the application for screens that may not display an OK button and screens where the OK button does not work. This is most useful in applications that were designed for an earlier version of Windows Mobile, and it can also be found on some of the built-in applets.

Known Issues

These issues are open in this version of the Operating System.

Battery / Charging

- Sleep current can be as high as 190mA. [7333] To reduce the drain on the battery do not disable the auto suspend and auto-dim backlight. If the power is removed while in suspend wake the device and then you may suspend again. Sleep current can be reduced by deselecting always on in the GNSS System page of GNSS. GNSS> GNSS System > Always on

- Under some conditions the unit may wake from suspend while it is charging. [7348] Turn on auto suspend enabled so that it will return to suspend mode. Settings > system > power > advanced > On external power:

Resolved Issues

These issues are resolved in this version of the Operating System.

Barcode Connector / Barcode Scanner

- MSI Plessey barcode with MOD10_MOD11 checksum decodes. [6351]

- Barcode scanner won't decode some Code 93 barcodes when using suffixes of <LF><CR> [6348]

- In Barcode connector, when reading code 32 a tab may be used as a suffix. [6336]

Bluetooth

- Pairing with a HID device such as a Bluetooth keyboard now works when enabled through Settings > Connections > Wireless Manager or by pressing and holding the Bluetooth icon on the JS home Screen. [6725].

Wi-Fi

- Wireless networks list is working as expected. [6404]

- After roaming out of range of the wireless network, the device automatically associates with the network when it returns. [7236]

- The device properly stores Wi-Fi settings and connects to a new wireless network. [7241]

- The device tethers to the iPhone [7552]

- Both WiFi and BT can stream concurrently. [7755]

Closed Issues

These issues are closed and will not be changed or fixed.

- When performing barcode scans using Excel Mobile, the scanned value will be 0 if the visual indicator option in the Barcode Connector software is enabled. If scanning into Excel

Mobile, make sure that the visual indicator option is disabled [6335].

- Adobe Flash Lite runs at a high priority and consumes most of the available CPU cycles. This causes other applications and processes to function slowly or improperly. This issue appears when navigating to websites that have Adobe Flash content [2626].

- Some USB flash drives are not recognized [2270]. For details, please refer to the Juniper Systems website and navigate to the article titled "USB Flash Drive compatibility" in the support knowledge base.

- Some audio files play louder than others. [6262]