

Setup and Operation for Bluetooth

Last Edited: Jimmy Nejmeh

1. Introduction

This document presents the general instructions of installation and basic operation for the Bluetooth Dongle for ECG 12-Lead file transfer used by e-Bridge system (Rosetta-VC) communicating with Philips HeartStart MRx monitor/defibrillator.

2. Installation

2.1 Hardware Required

- 2.1.1 USB Keyboard
- 2.1.2 Belkin Bluetooth USB Dongle
- 2.1.3 USB Thumb Drive with Widcomm Bluetooth software (can be downloaded from the Rosetta-VC Drivers & Software page of the Support Center section of our website)

2.2 Uninstallation of BlueSoleil Bluetooth Software

- 2.2.1 Plug in the USB keyboard and the USB thumb drive into the USB ports on the REX USB Extender located behind the touch screen monitor.
- 2.2.2 Power on the Rosetta-VC by turning the “ER-Link” Power Switch located in main switch panel of the ambulance to the On position.
- 2.2.3 When the main Rosetta-VC screen appears, press Ctrl+Alt+Delete on the keyboard.
- 2.2.4 Press and hold down the Shift key on the keyboard and click on the “Log Off” button. Click “Log Off” when it asks if you are sure you want to log off. Continue holding down Shift until prompted for User Name and Password.
- 2.2.5 Enter “admin” for both the User Name and Password.
- 2.2.6 Click on Start->Settings->Control Panel.
- 2.2.7 Double click Add or Remove Programs.
- 2.2.8 Click on BlueSoleil (likely listed as BlueSoleil2.6.0.9 Release 070606) and then click Remove. Click Yes to confirm the removal. The BlueSoleil application will begin uninstalling. **Note:** If BlueSoleil is not listed, continue with the next step.

2.3 Installation of Widcomm Bluetooth Software

- 2.3.1 After BlueSoleil finishes uninstalling, open My Computer by double clicking the “My Computer” icon in the upper left of the screen.
- 2.3.2 Open the USB Thumb Drive (likely drive letter E:) by double clicking it.
- 2.3.3 Run the InstallWidcomm.exe by double clicking it. The files will unzip and launch the installer automatically.

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- 2.3.4 Click Next on the “Welcome” screen.
- 2.3.5 On the “License Agreement” screen, click “I accept...” and then click Next.
- 2.3.6 On the “Destination Folder” screen, click Next.
- 2.3.7 On the “Ready to Install the Program” screen, click Install. The software will begin installing. **Note:** If a “Found New Hardware Wizard” window pops up, click Cancel.



- 2.3.8 A “Bluetooth device not found” box will pop up, click Cancel.



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- 2.3.9 Click Finish on the “InstallShield Wizard Completed” window.
- 2.3.10 Click on Start->Shut Down and pick “Shut down”, then click OK. The Rosetta-VC will power off after a few seconds.
- 2.3.11 Flip the “ER-Link” Power Switch located in main switch panel of the ambulance to the Off position.
- 2.3.12 Remove the Remote Connector Hub (RCH) from the wall and open it up.
- 2.3.13 Take out the old USB Bluetooth Dongle and replace it with the new Belkin USB Bluetooth Dongle (should be in the top port of the USB connector). Affix the provided tape to the top of the dongle and the top of the USB connector to secure the dongle in place.
- 2.3.14 Close the RCH and remount it back on the wall.

2.4 Configuring the Widcomm Bluetooth Software

- 2.4.1 Power on the Rosetta-VC by turning the “ER-Link” Power Switch located in main switch panel of the ambulance to the On position.
- 2.4.2 The main Rosetta-VC screen will appear after the unit finishes booting, press the “Keypad” button in the lower right of the screen.
- 2.4.3 When the blue on-screen keypad appears, press #BYE (#-2-9-3). This will cause the main Rosetta-VC screen to close.
- 2.4.4 Windows will likely be installing new hardware in the lower right of the screen. Allow it to finish installing the new hardware.
- 2.4.5 Double click on the Bluetooth icon (📶) in the lower right of the screen.
- 2.4.6 The “Initial Bluetooth Configuration Wizard” window will appear.



- 2.4.7 Uncheck all 3 of the checkboxes and click Next.
- 2.4.8 The “Device Name and Type” window will appear. Change the “Computer Name” field to what this device should be called (ie. ERLinkPM22) when it is discovered by another Bluetooth device. Leave the “Computer Type” as Desktop. Click Next.
- 2.4.9 The “Initial Bluetooth Configuration Wizard” screen will appear again, click Next.
- 2.4.10 The “Bluetooth Service Selection” window will appear, uncheck “PIM Item Transfer” and “PIM Synchronization”. Make sure “File Transfer” **is checked**. Click Next.
- 2.4.11 Windows will find some more new hardware, let it finish finding the new hardware.

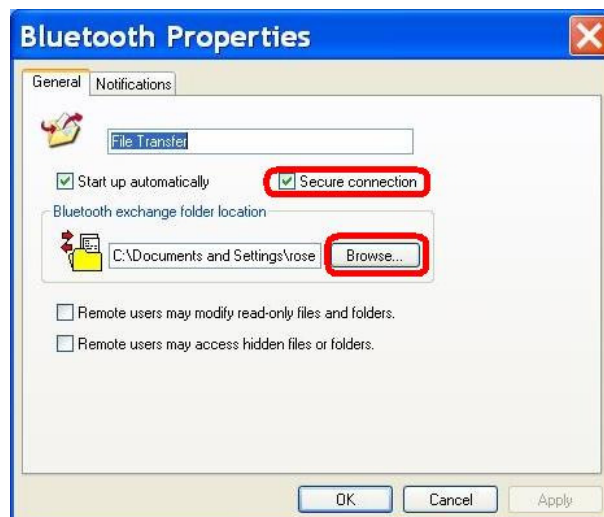
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- 2.4.12 The “Initial Bluetooth Configuration Wizard” window will appear again, click Skip.
 2.4.13 Click Finish on the final “Initial Bluetooth Configuration Wizard” screen.
 2.4.14 The “My Bluetooth Places” window will appear. Click on the “View or modify configuration” link on the left side.



- 2.4.15 The “Bluetooth Configuration” window will appear. Click the “Local Services” tab at the top. Highlight “File Transfer” service from the list by clicking on it. Then click the “Properties” button in the lower left.
 2.4.16 The “Bluetooth Properties” window will appear. Uncheck the “Secure Connection” checkbox. Click the Browse button in the “Bluetooth exchange folder location”, and change the folder to “Local Disk (C:)” (located under My Computer), then click OK. A “Bluetooth Exchange Folder” window will appear, click OK. Click OK on the “Bluetooth Properties” window, then click OK on the “Bluetooth Configuration” window.

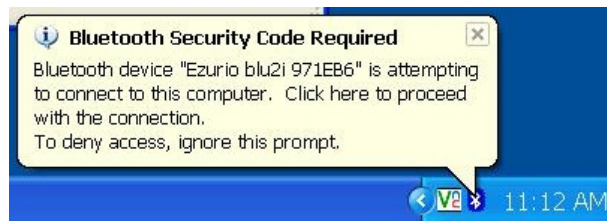


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2.5 Pairing the Philips MRx monitor to the Rosetta-VC

- 2.5.1 Turn the Philips MRx monitor power switch to the "Monitor On" position.
- 2.5.2 Press the "12-Lead" softkey at the bottom.
- 2.5.3 Press the Checkmark button in the lower right to bring up the menu.
- 2.5.4 Highlight "Bluetooth Devices" and press the Checkmark button to select it.
- 2.5.5 Highlight "Add Device" and press the Checkmark button.
- 2.5.6 It will begin searching for available Bluetooth devices. After about 30 seconds it should find the Rosetta-VC (ie ERLinkPM22). Highlight it and press the Checkmark button.
- 2.5.7 It will ask for a Passkey, enter "0000" and then highlight "Done" and press the Checkmark button. It will attempt to pair with the Rosetta-VC. **Note: The next step must be completed within 20 seconds of completing this step.**
- 2.5.8 A "Bluetooth Security Code Required" message will appear in the lower right of the Rosetta-VC screen. Click anywhere on the message.



- 2.5.9 A "Bluetooth Security Setup" window will appear, enter "0000" for the passkey and click Next. If the pairing succeeds, it will say "Success" on the screen. **Do not click Next.**
- 2.5.10 The MRx will try a transmission test which should pass. Press the Checkmark button to acknowledge it.
- 2.5.11 Highlight "Exit" and press the Checkmark button.

2.6 Acquire and send a test 12-Lead

- 2.6.1 Start the Rosetta-VC application by clicking on Start->Rosetta-VC. The application will take a few seconds to load.
- 2.6.2 On the MRx, press the "Start Acquire" softkey, then press the Checkmark button twice to acknowledge the age as 50 and the sex as Male. The MRx will acquire and analyze the 12-Lead.
- 2.6.3 After the 12-Lead is analyzed, press the Checkmark button to bring up the menu. Highlight "Send", then press the Checkmark button.
- 2.6.4 Highlight a site from the "Send To" menu and press the Checkmark button.
- 2.6.5 Highlight the Rosetta-VC from the "Transmission Devices" menu and press the Checkmark button. The MRx should try to connect to the Rosetta-VC and begin transmitting the 12-Lead.
- 2.6.6 After the 12-Lead is received, the Rosetta-VC will try to send it to the Transfer Station.

