



Title: Uni-Sim firmware upgrade.

Equipment required:

- Uni-Sim with power supply
- PC with Bluetooth connectivity
- Uni-Sim firmware files
- DataTransfer.exe for file transfer

NOTE:- Ensure the Uni-Sim is connected to the mains power supply before attempting the firmware upgrade.

1. Power on the Uni-Sim in upgrade mode (Hold 'U' and power on the unit using the GREEN On key).
2. Press F1 for Menu.
3. Scroll down to Bluetooth Pairing and press F2 to Accept.
4. Press F4 Config to configure the Bluetooth connection. Wait for the OK message before proceeding.
5. Press F3 to search for your Bluetooth enabled PC.
6. Once the search has completed, use the <> keys to identify your device in the menu.
7. Press F2 to connect to your device. The Bluetooth symbol will appear in the top right corner of the Uni-Sim screen when pairing is successful.

NOTE:- If the symbol does not appear, check to see if the pairing needs to be confirmed on the PC.



8. Press F1 Esc to return to the menu.
9. Press F1 for Menu.
10. Press F2 for Code Update. Wait for confirmation of the current version of Uni-Sim firmware before proceeding.
11. Open the DataTransfer.exe program on the PC. Go to File > Code Update and locate the updated firmware files Main_Pic.hex, Patient_Sim.hex and Rigel388.mhx. First select Main_Pic.hex and select Open.
NOTE:- The message 'Erasing' will appear on the DataTransfer program and on the Rigel Uni-Sim screen, shortly followed by 'Programming'.
12. Wait for the process to complete, then repeat the transfer for the Patient_Sim.hex and Rigel_388.mhx files.
13. Once the transfer is complete, power off the Uni-Sim and re-start in normal mode.

The latest firmware revisions are available to download from www.rigelmedical.com

End.