



**EXPLORER
FIRMWARE UPDATE
USER MANUAL**

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NOTICES

LIMITED WARRANTY

For details, refer to the Product Warranty section on the Hollis web site: www.HollisGear.com

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SOFTWARE INSTALLATION

1. The Optocon/USB cable supplied with the EXPLORER requires installation of Virtual COM-port software. Download the drivers from:

<http://www.silabs.com/products/mcu/pages/usbtouartbridgevcpcdrivers.aspx>

following the link to "Download VCP" for Windows XP/Server 2003/Vista/7/8. Open the downloaded zip file and run CP210xVCPInstaller_x64.exe on a 64-bit machine or CP210xVCPInstaller_x86.exe on a 32-bit machine, accept the license agreement, click "Next >" and "Finish".

2. Download the EXPLORER Reprogramming Application from:

<http://www.hollis.com/support/software>

OPTOCON

The technology used for reprogramming the EXPLORER is optical. The Optocon port on the EXPLORER's LSS Module is very sensitive to light, and reprogramming the EXPLORER will be much slower (and may not even work at all) if the ambient light is too bright. If at all possible, reprogram the EXPLORER in a dark room or at least with the Optocon port shielded from direct light.

OPERATION

1. The sensor module must be placed on top of the LSS before attempting a firmware update (Fig. 1).
2. connect the Optocon cable
3. Power on the the Explorer handset.
4. Run the EXPLORER Reprogramming Application from Start-All Programs-EXPLORER Reprogramming Application or the desktop shortcut (if that option was chosen in the installer). Follow the actions given in the application (Fig. 2), noting that context sensitive help is given on the Help property sheet (with Versions, Changes and Log).

OPERATIONAL NOTES

1. The first time the EXPLORER Reprogramming Application is run with an EXPLORER connected, your Windows firewall will detect network access by the application. Use the option to unblock the application, otherwise reprogramming will not be possible.



Fig. 1



Fig. 2

2. If new software is available for your EXPLORER a message will be given to press "CONTINUE" on the Handset (Fig. 3). Use a short push on the right button to begin reprogramming. If reprogramming isn't wanted, exit the programming application and then choose "DON'T UPDATE" with a short push on the left button.

3. During reprogramming a progress screen will be shown (Fig. 4). Operation of the software is indicated by progressive lighting of the white squares on the bottom of the screen (continuously). Optocon/USB connection activity is indicated by rotation of the single square at the top of the screen. Total progress is given by the green progress bar. Fully reprogramming the system can take up to 30 minutes.

4. Context sensitive help will always be available in the Help tab of the application.

5. Once the Firmware has been updated, the handset must be turned off before the desktop software application may be exited.



Fig. 3



Fig. 4