

# HydraPulse 150R Release Notes

December 16, 2001

## Installation Instructions

1. Download the software.
2. Unzip the contents of the zip file into a temporary directory, run a good virus scanner on all extracted files.
3. Connect a serial cable between the debug port on the 150 and a suitable port on the PC.
4. While holding down the program enable button on the mother board; reset the unit. After 2 seconds release the program enable button.
5. If you are not using COM1 port you will need to edit the batch file 'prog.bat' and change the line @Flashldr.exe init com1 baud=57.6k to reflect the port you wish to use.
6. On the PC, using the DOS prompt function select the directory where the firmware was unzipped.
7. Type 'prog.bat' and *Return*. The screen should report that the processor has been initialise. If it fails to do so exit the programme by typing 'exit' *Return* and run prog.bat again.
8. Type rom and *Return*. The screen should report the progress of the upload.
9. When the upload has finished, type 'sh' *Return* and then 'exit' *Return*. Reset the unit, the PC should show the 150 booting.
10. Disconnect the cable and reboot the 150 again.

## Version History

### Version 2.g.1:

- Corrected problem with Search Delay. This version requires MiniPulse 2.a.5.

### Version 2.f.1:

- Added FM transducer (depth/pressure) capture.
- Improved sign on of MiniPulse to local slave.

### Version 2.e.1:

- Modified to allow Depth alarm.
- Corrected gun sensor display.

### Version 2.d.1:

- Depth and pressure transducers are now objected so that any channel can be a depth or pressure. Also, each channel has its own offset value.

### Version 2.b.1:

- Enhanced telemetry collision avoidance routine.

- Changed transmit routine so that all slave units other than active slave are quiet during fire period.

#### Version 2,a.1:

- First working release of HP150.
- Enhanced telemetry flow control and inter-unit messaging.
- Added pseudo sensor and depth information for test purposes.

#### Version 1.a.1:

- First public release of HP150.

## Known Bugs

## Contact Information

If you have any questions, comments, suggestions, or bug reports for the HP150, contact [stuart@hydrasystems.co.uk](mailto:stuart@hydrasystems.co.uk). When submitting bug reports, please include at the very least the following information:

- Operating system and version you're using (i.e. Windows 95 build 1111)
- Version of MiniPulse you're using (i.e. 1.h.1)
- What error message(s) (if any) you get
- Any other information you think would help in tracking the error down

---

*Released: January 10, 2000*

*Copyright © 1999-2001 PopTech. All Rights Reserved. Created By LynxSoft*