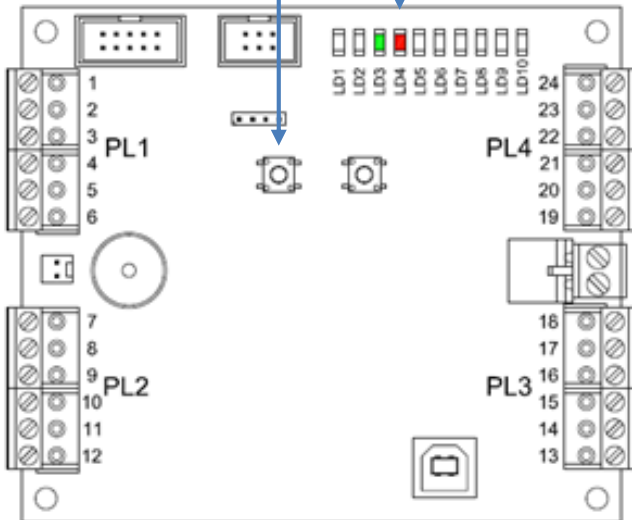


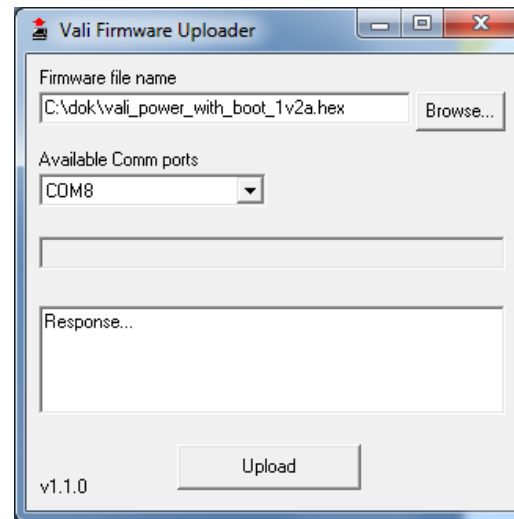
Firmware update procedure

UPLOAD MAIN PCB FIRMWARE

- Power down the Vali.
- Apply power to the VALI while pressing and holding the left button (SW1)
- LEDs 3+4 will start flashing indicating the Main board has been selected for update, release SW1.



- Open " \BOOTLOADER\mssupload.exe"
- Select the correct COM port.
- Browse \firmware and select the file according to the model, V5, V10 or V20
For example "
V10_power_with_boot_1v*e.hex"
- Press upload
- Follow on screen prompts

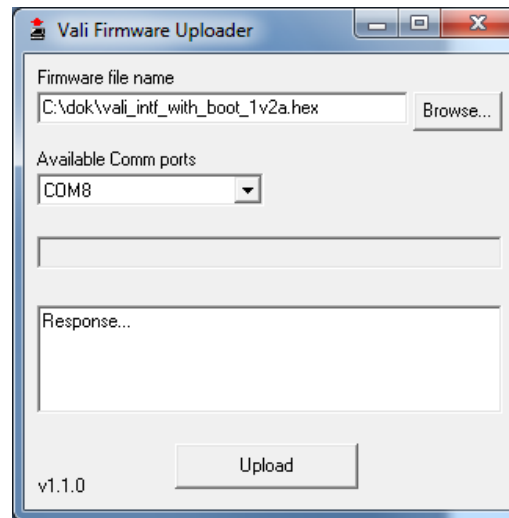
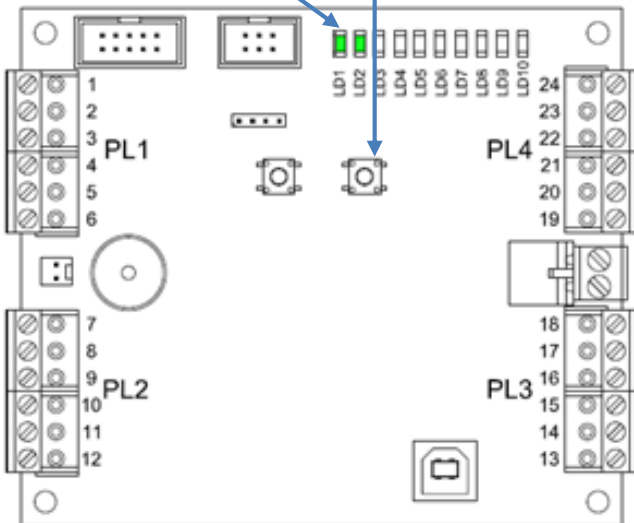


Firmware update procedure

UPLOAD INTERFACE PCB FIRMWARE

- Power down the Vali.
- Apply power to the VALI while pressing and holding the left button (SW2)
- LEDs 1+2 will start flashing indicating the Main board has been selected for update, release SW2.

- Open " \BOOTLOADER\mssupload.exe"
- Select the correct COM port.
- Browse \firmware and select the file according to the model, V5, V10 or V20
For example " V10_intf_with_boot_1v*e.hex"
- Press upload
- Follow on screen prompts



Firmware update procedure

- Restart the Vali
 - After restarting the Vali unit connect the PC-tool and confirm the correct firmware version is displayed eg. 1v4

