

Xciter™

Recovery procedure

When USB connection fails

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Revision History

Version	Init.	Date	Description
A	KVH	05/03/2009	Initial release



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1. Introduction

1.1 Purpose of the Document

This document describes:

- How to install the PC software: *Factory Manager*
- How to erase the Xciter's memory
- How to connect to Xciter
- How to upload the firmware
- How to upload the libraries

1.2 Tools needed

Item
Xciter
MS Windows PC with COM 1 available
Special Xciter serial cable
USB cable, type AB
Factory Manager software
Xciter Manager software
2 jumpers
Screwdriver (hex)

2. Getting started

When a firmware update to the Xciter fails, it is possible that the device does not respond anymore. In case no USB connection to the Xciter is possible anymore, you can use this document to flash the Xciter without the use of a USB link.

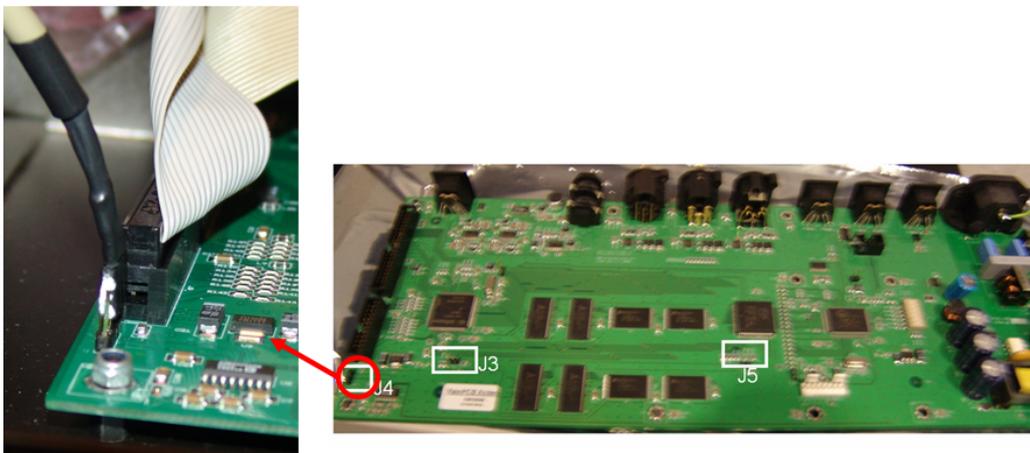
2.1 Install the PC software

First you will have to install a software tool that you will find on the supplied CD. Startup “*setup FM.exe*” on a Windows PC, and follow the on screen instructions.

3. Erase the internal memory

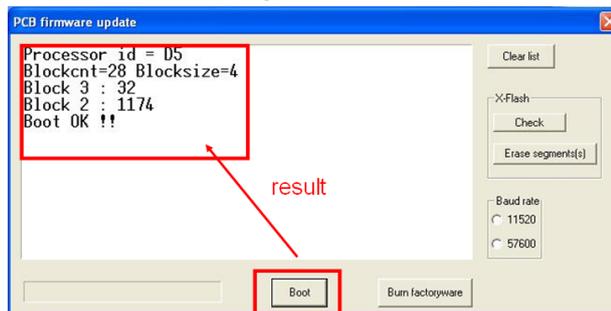
3.1 Place jumpers and cable

- Open up the Xciter by unscrewing the 4 hex screws in the front and the back.
- Locate jumper position J3 and J5 and place a jumper.
- Connect the special RS232 cable on J4 and make sure that the white mark on the connector is faced towards the front of the Xciter.

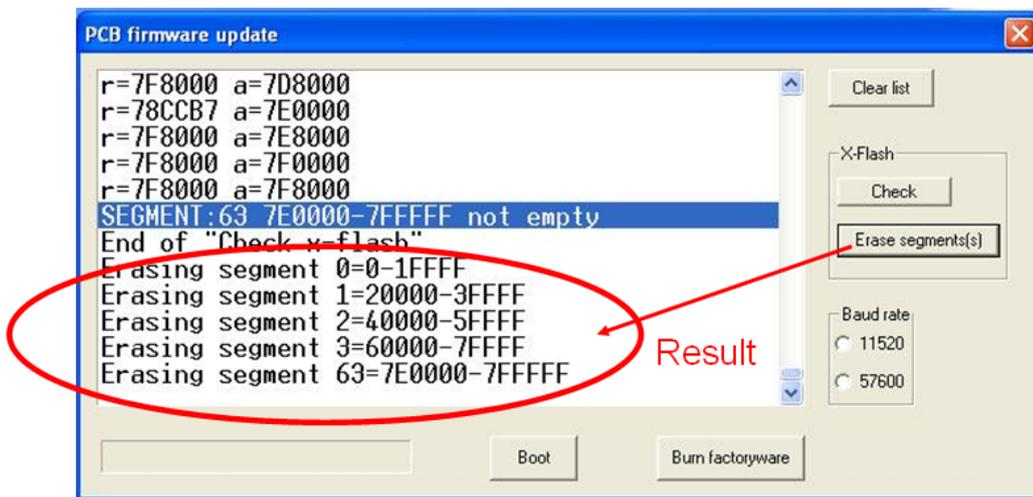
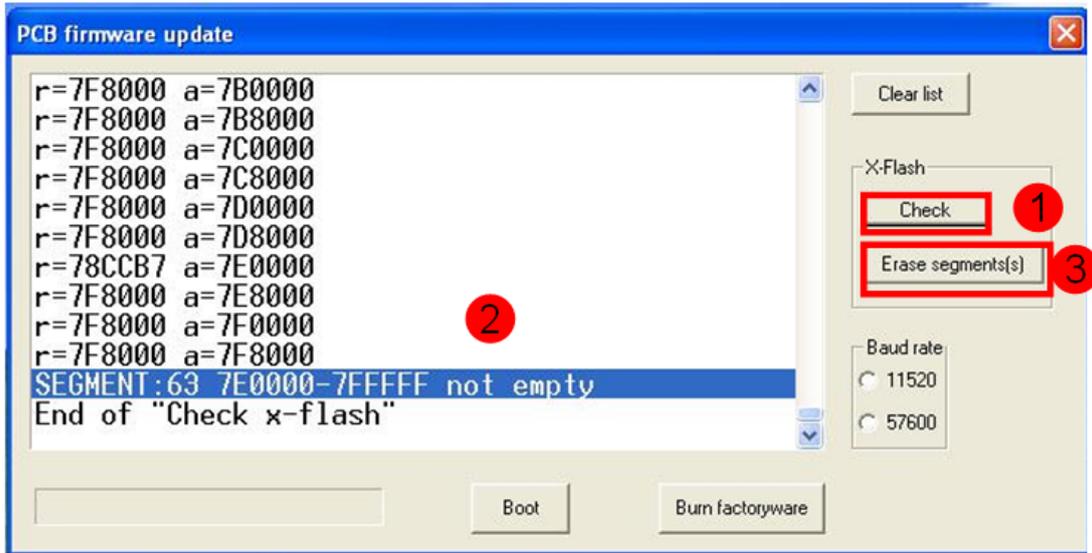


3.2 Connect to the Xciter

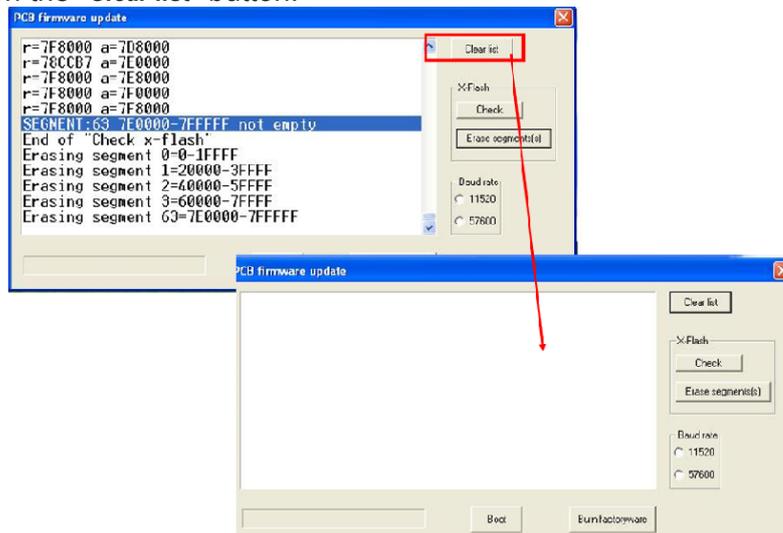
1. Startup Factory Manager on your PC
2. Startup the Xciter. The LED on the left side of J3 should be lit. Now click on “Boot” and check if you receive the “Boot OK” message.



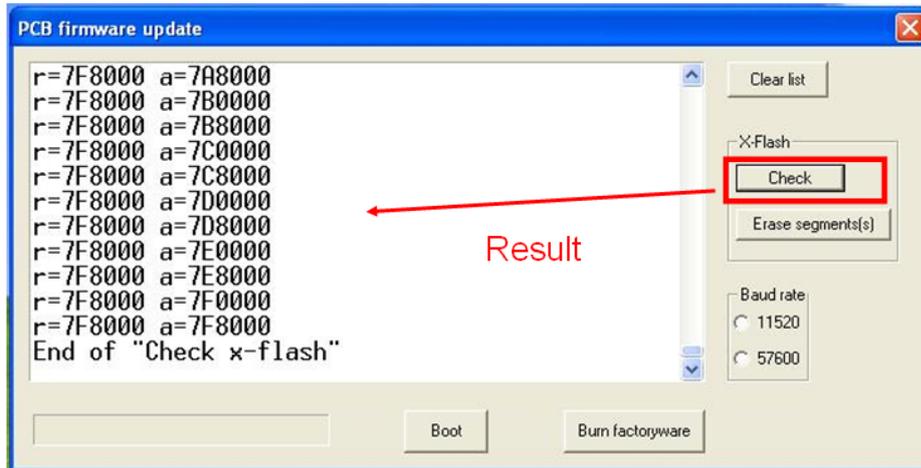
3. Click in the “X-Flash” section on the “Check” button. (1)
 Select all “Not empty segments” in the list. (2)
 Click “Erase segments”. (3)



4. Click on the “Clear list” button.



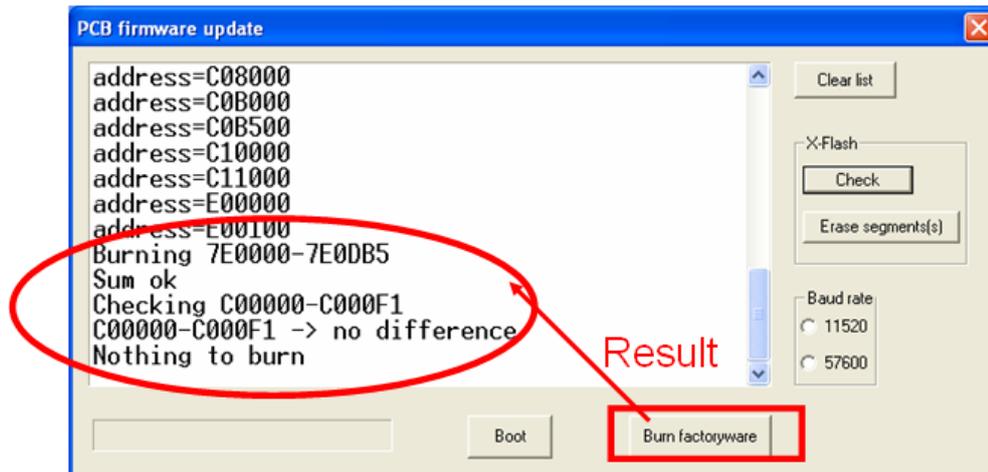
- Click in the “**X-Flash**” section again on the “**Check**” button. Now all segments should be blank. If not, repeat the previous steps until all segments are blank.



4. Burn the factoryware

Now that the internal memory is completely empty, it's time to import the factoryware in the Xciter. Make sure that the Xciter is still connected to the PC as described in section 3.1

To import the factoryware, click on the “**Burn factoryware**” button in the Factory Manager software.

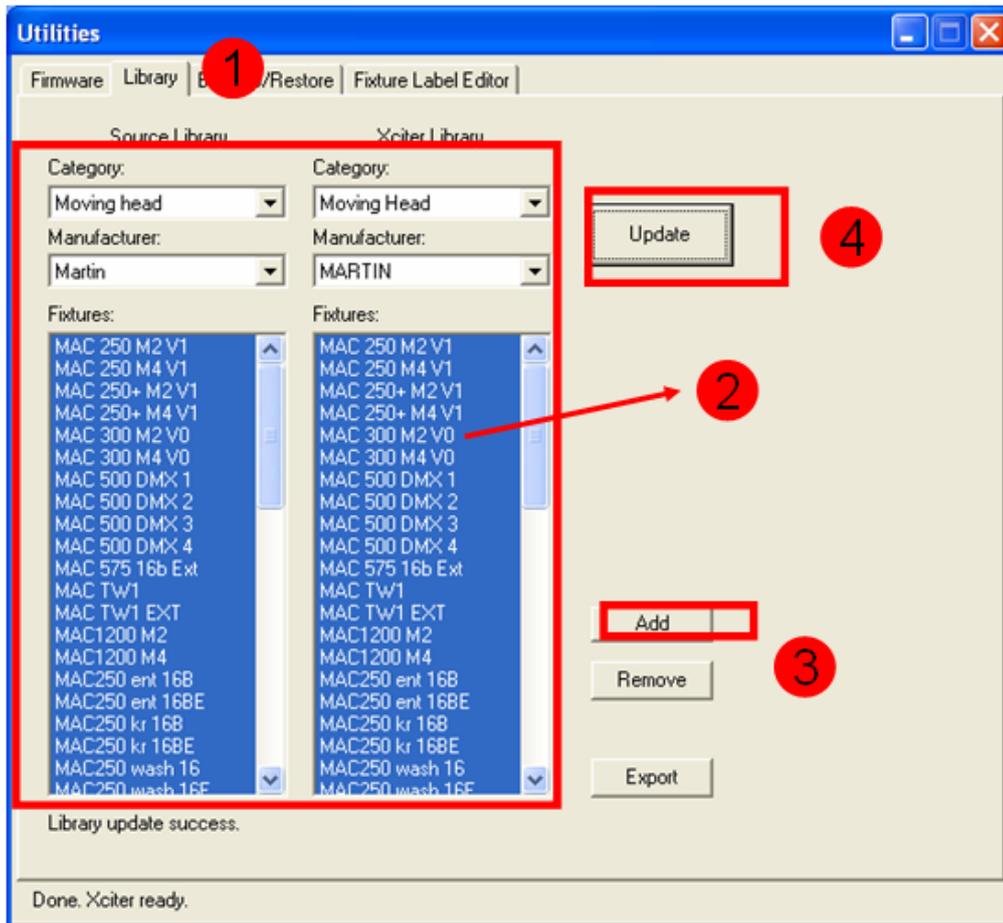


When the factoryware is successfully imported into the Xciter, you can disconnect the plug from the power supply, remove the jumpers on J3 and J5, and detach the special serial cable. Replace the Xciter's frontpanel back on its casing by fastening the 4 removed hex screws.

6. Upload the libraries

When the firmware is successfully installed, it's time to upload the libraries.

- Select the “**Library**” tab (1).
- Select the desired source library (Category, Manufacturer, Fixtures). (2)
- Click on the “**Add**” button (3) and then the “**Update**” button (4).



Disconnect the USB cable when the update was successful. Your Exciter is now again in factory default state, and ready for use.