e-Node MkIII Firmware Field Upgrade

Upgrade program
This is the method to upgrade an e-Node if no internet is available.

To make sure your computer is compatible and the correct drivers are installed. Disconnect all DMX, SDN and CSBus connectors and remove power connector. Connect a mini USB cable to the USB connector found under the shroud. If the correct application drivers are installed you should get a beep, and the computer (Windows) will now try to find the correct device driver. If successful, a message will appear with the device found as “AT91 USB to Serial Converter 1”.

Next unzip the application and run it. If all is correct you should see the following screen. If you do not see this, do not proceed to the next step. Contact support.

Preparation
Before the upgrade can be run, the e-node has to be put into a special mode for programming. If you click on the “Read” button, and the e-node is not in the correct mode, you will see the following display.

Click “OK”, wait a moment, and the e-node will be put into programming mode. You will need to disconnect the USB, and re-attach.

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1 Some driver installations may identify “Bossa Programming Port” instead. This will work also.
Upgrade
Start the field upgrade app, and the program should find the e-node device.

If the e-node is found press the “Read” button to get the serial number and Product ID

Next press the program button. The device will now be reprogrammed and the data tables written.

When it is complete a “Device Program Complete” message will appear. Click “OK”
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Activate
Click “Activate” on the main window.

Press “Activate” to put the e-Node into normal mode

You can now disconnect the USB cable, and reconnect the power, and DMX/CS cables.