

Renishaw CMM Products Division

PRODUCT BULLETIN – PBC1253

Product:	SPA2-2 & SPAlite	Status:	Open
Title:	SPA firmware upgrade	Date:	24 th October 2008

Originator:		Distribution:	
L Quick		Internal	✓
		Subsidiaries	✓
Reviewer:		OEMs	✓
B Gow		Distributors	✓
		Retrofitters	✓

Summary:

An occasional issue has been found with the over current protection circuit and its interaction with the emergency stop system on the SPA2-2 and SPAlite systems. This could result in the E-stop system jamming in an E-stop activated (safe) state, but rendering the system inoperable.

NOTE: This does not affect SPA2 due to a different PCB design.

RENISHAW ACTIONS

All subsidiary sales and RBE stocks must be updated with this new firmware. The version label must then be changed from V3 to V4 for SPA2-2 and V4 to V5 for SPAlite.

CUSTOMER ACTIONS

Renishaw are recommending that the firmware on all SPA2-2 and SPAlite systems is updated using the method detailed below. If you try updating an SPA2 with this procedure it will fail (see point 4 in how to update system) as this update is not needed for the SPA2 system.

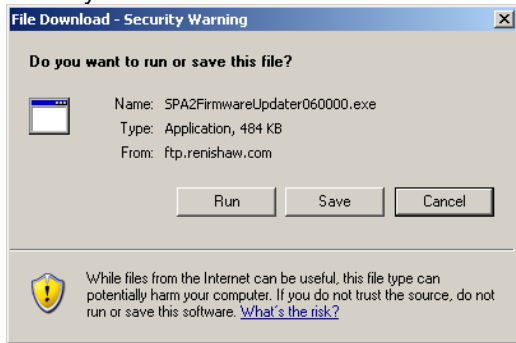
Before attempting this update please ensure that the UCC system is switched on as normal and connected to the PC (communication to the SPA2-2/SPAlite is through the UCC controller). Then follow the enclosed instructions for updating the firmware.

Instructions for updating firmware

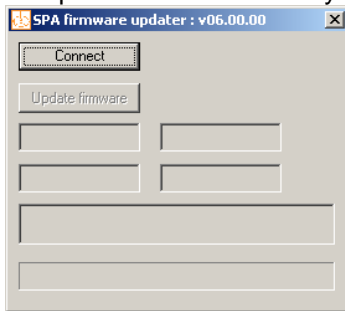
1. Download the firmware update from the following ftp address. Please note that if you have not used the Renishaw ftp site previously you will have to register as a user by following the on screen instructions.

<http://ftp.renishaw.com/suntxb77>

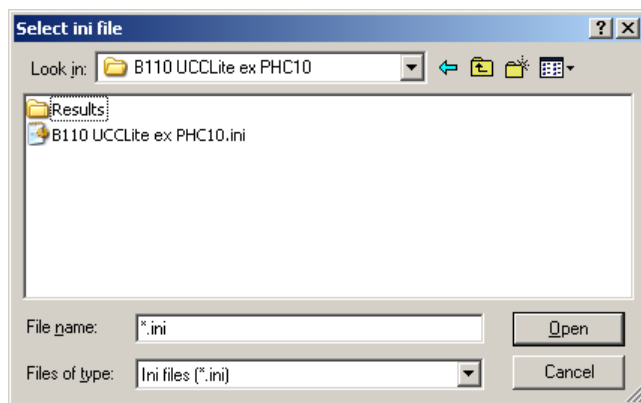
2. You will be offered the option of either running this application directly or saving it to a location of your choice.



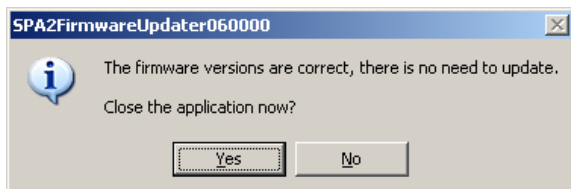
3. To update the firmware on your SPA2-2 or SPALite click on connect.



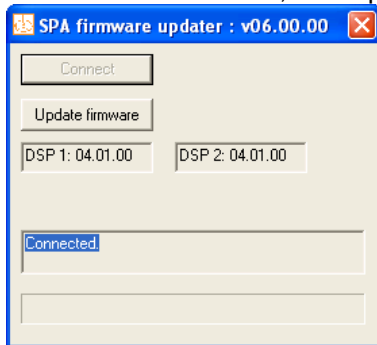
4. You will then be prompted for a valid machine ini file for the machine. Please select the one that you are using.



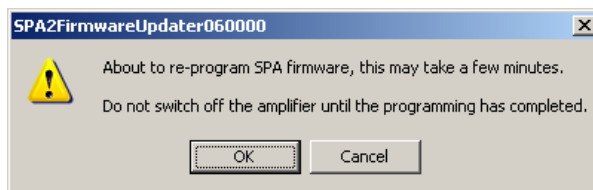
5. If your firmware does not need updating you will get the following message, this will appear if you already have the correct firmware or if you are trying to update an SPA2 system.



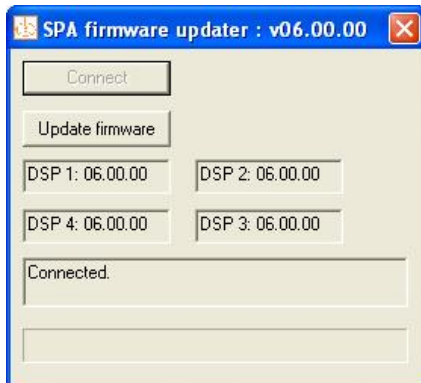
6. If your firmware does need updating you will get the following message displaying the current version of firmware, click update firmware to proceed.



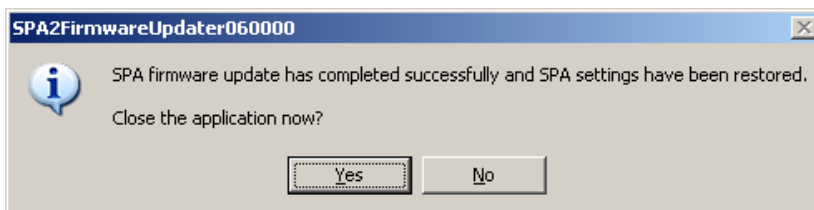
7. The following message will then appear, click OK for the update to begin.



8. The firmware version for each DSP will change to 06.00.00
9.



10. A message will then appear to say that the update was successful. Please click Yes to close the application.



11. The update is now complete.