ammill.

January 13, 2014

01132014 - STATLER STITCHER CONTROLLER FIRMWARE UPDATE

Parts Required: (PROVIDED) 1-Galil Firmware Update Cable (serial cable) 1-Galil Firmware Update Adapter Cable (serial to USB cable) 1-Firmware Update Software CD Version 2.0 Safety Ties (NOT PROVIDED) Either a Phillips or Flathead Screwdriver Snips or Scissors to cut safety ties



IMPORTANT: Before beginning this process, make sure to unplug the power to the Controller.





STEP 1: If your Controller is mounted underneath the table on brackets, carefully remove half of the table top to view Controller.

Using either a phillips or flathead screwdriver, remove the two thumb screws that secure the lid.



STEP 2: Remove the lid by sliding it towards the back of the Controller. A slight downward force may be necessary.



STEP 3: Plug in the serial end of the Upgrade cable to the Controller as shown using the end with the adapter attached. Do not plug in other end of the cable yet. You may now plug the power cords back into the Controller and switch it on.

STEP 4: Insert the Firmware Upgrade CD in the CD/DVD tray of the Dell CPU.

Open Computer from the Start Menu by double-clicking "Computer".



STEP 5: Navigate to the CD and double-click to open.

							×
	Computer 🕨		-	Search Computer			Q
Organize 🔻	System properties	Uninstall or change a program	Map network driv	/e »	<u> </u>	-	0
ጵ Favorites 💻 Desktop 🐌 Downloac 骗 Recent Pla	A Hard	Disk Drives (1) Local Disk (C:) 208 GB free of 232 GB cs with Removable Storage (1)				
i Libraries Documen J Music Pictures Videos	ts (CD-ROM	DVD Drive (D:) UPGD_FIRMWARE 0 bytes free of 22.8 MB UDF					
P Computer	(C:) (D:) UPGD						
🗣 Network							
STAT	FLERPC Workgroup: V Processor: Ir	VORKGROUP Memory: 2. htel(R) Celeron(R) CPU	.00 GB				

STEP 6: Double-click on **Firmware Upgrade 2.0 Setup.exe** to begin the Installation Launcher.



STEP 7: Wait for the program to



STEP 9: Click Install to confirm the location of a Start Menu shortcut. You can also check the Do not create shortcuts box to skip the Start menu shortcut creation process. Click Install to proceed.

Firmware Update v2.	0.0.0 Setup
	Choose Start Menu Folder Choose a Start Menu folder for the Firmware Update v2.0.0.0 shortcuts.
Select the Start Menu f can also enter a name	folder in which you would like to create the program's shortcuts. You to create a new folder.
Firmware Update	
Accessories	
Administrative Loois	
Games	
Intel(R) Management	and Security
Intel® Matrix Storage	Manager
Roxio Creator DE	
Startup	
Statler Stitcher	
Do not create short	cuts
iammill, Inc	
	< Back Install Cancel

STEP 10: Wait for the next step. Firmware Update v2.0.0.0 Setup Installing Please wait while Firmware Update v2.0.0.0 is being installed. Execute: "C:\StatlerStitcher\Tools\Firmware Update\Resources\GalilTools-1.6.3.546-Win-x86. Extract: silentbat.vbs Extract: _innodesc.xml Output folder: C:\StatlerStitcher\Tools\Firmware Update\Resources\{72D7E3D1-C9D... Extract: dotnetfx40_full_x86_x64.exe Copy to C:\StatlerStitcher\Tools\Firmware Update Copy failed Copy to C:\StatlerStitcher\Tools\Firmware Update Ξ Copy failed Output folder: C:\StatlerStitcher\Tools\Firmware Update\Resources Execute: "C:\StatlerStitcher\Tools\Firmware Update\Resources\GalilTools-1.6.3.546-... Gammill, Inc -< Back Next > Cancel 23 Windows Security STEP 11: If you Would you like to install this device software? see this screen,

Always trust software from "Galil Motion Control Install Inc.". You should only install driver software from publishers you trust. How can I decide which device software is safe to install? Firmware Update v2.0.0.0 Setup Installing Please wait while Firmware Update v2.0.0.0 is being installed. Execute: "C:\StatlerStitcher\Tools\Firmware Update\Resources\{72D7E3D1-C9DF-4FA6-9F9B Output folder: C:\StatlerStitcher\Tools\Firmware Update\Resources\{72D7E3D1-C9D... 🔺 Extract: dotnetfx40_full_x86_x64.exe Copy to C:\StatlerStitcher\Tools\Firmware Update Copy failed Copy to C:\StatlerStitcher\Tools\Firmware Update Copy failed Output folder: C:\StatlerStitcher\Tools\Firmware Update\Resources Execute: "C:\StatlerStitcher\Tools\Firmware Update\Resources\GalilTools-1.6.3.546-... Output folder: C:\StatlerStitcher\Tools\Firmware Update\Resources\{72D7E3D1-C9D... Execute: "C:\StatlerStitcher\Tools\Firmware Update\Resources\{72D7E3D1-C9DF-4F... Gammill, Inc -

Next >

Cancel

< Back

Name: Galil

Publisher: Galil Motion Control Inc.

check the box and

click Install.

STEP 12: If you see Copy failed, do not worry, this is normal, continue waiting. This process can take several minutes.

Don't Install



STEP 14: After the PC reboots, plug the USB portion of the Upgrade cable into any available USB slot on the PC. Ignore any errors on the computer screen.



STEP 15: Ensure the controller is powered on and double click the **Firmware Upgrade** icon to begin the firmware upgrade process.



STEP 16: You may see this error. If so, check your connections and press ok to continue. Otherwise skip to step 18.



STEP 17: Remove and re-insert the USB end of the Upgrade cable, then click OK.



STEP 18: Please do not turn off the power to the controller while this window is displayed. The process is final when you see the screenshot in step 20.

FirmwareUpgrade2.0	8 - X
Downloading firmware from C:\plaidfrog\d212r10r2.hex to CO	M4 19200, DMC2132 Rev 1.0r2, 449

STEP 19: If the update fails for any reason, try again or proceed to step 21.



STEP 20: Close the window and shut the computer down and turn off the controller. Unplug both ends of the Upgrade cable, replace the lid of the controller and remove the firmware CD. Replace the table top onto the table. Power on the controller and resume use of the machine.

COM4 19200, DMC2132 Rev 1.0r2, 4499
Upgraded successfully to firmware version: r2
ОК

STEP 21: Re-open the CD as in step 5 and navigate to the Firmware Upgrade 1.0 CD Folder. Open Start.bat to upgrade the controller manually and press 4 on the installation launcher.



STEP 22: Wait for GalilTools to install and open.



GalilTools {default.project}, OFFLINE	
Terminal	₿×
OPPLINE:	
bumparameterdime Image: Constraint of the co	



GalilTools {default.project}, OFFLINE File Edit Window Controller Tools Help File Edit Window Controller Tools Help Connect OFFLINE: **STEP 24:** Individually try each COM port (ie COM1, COM2, etc) and press Connect until a connection is made. Ensure that the COM selected is followed by 19200.

C.	C	onnections			X
	A	vailable Sa	ved 📔 No IF	Address	
		Address	Model 🛆	Serial number	
	1	COM1 115200			
	2	COM3 19200			
	3	COM3 115200			
	4	COM1 19200			
	5	OFFLINE			
		Save	OM1 115200	Conne	ct Cancel

STEP 25: Upgrade the firmware by choosing Controller>Download Firmware

Cor	ntroller Tools Help		
÷	Connect	Ctrl++	
×	Offline	Ctrl+-	_
C	Refresh	F5 -	_
	Upload Arrays	Alt+Up	
₽	Download Arrays	Alt+Down	
₽	Download Firmware	Alt+Shift+Down	

STEP 26: Choose d12r10r2.hex from the file box.



STEP 27: DO NOT UNPLUG OR TURN OFF POWER WHILE YOU SEE THIS SCREEN.



STEP 28: Once 100% is reached, press the download, then the execute button to download necessary parameters into the controller.

y 6	ашто	ois {uei	aunspr	ojeci), COP	11 192	00, DF	1021.5	z kev	1.0rz, ·
File	Edit	Window	Contr	oller	Tools	Help				
) 💋	> 🗖	÷	×	\mathbf{C}	4	₽	₽	Ò	Z
ermir OFI COI	nal 7LIN1 11 19	E: 7200,	DMC2:	132	Rev	1.0r2	2, 41	.019	xecute	-
-										

STEP 29: Close the window and shut the computer down. Unplug both ends of the Upgrade cable, replace the lid of the controller and remove the firmware CD. Replace the table top onto the table. Plug the power cords back in, power on the controller and resume use of the machine.

ANY QUESTIONS REGARDING THIS PROCEDURE, PLEASE CONTACT TECHNICAL SUPPORT: 866-830-3738

GAMMILL®, INC. 1452 Gibson St •West Plains, MO 65775 PH: 800-659-8224 • FAX: 417-256-5757 www.GAMMILL.com

OUR WORLD IS DEFINED BY OUR PASSION FOR QUILTING.