www.DanaherMotion.com

SERVO**STAR[®] CD** Firmware Upgrade Procedures

The field upgrade of firmware in CD series product requires an application program called **Ignite.exe**, which can be attained at www.Danahermotion.com. The following steps are provided for the use of this software utility.

Setup

Disable the servo drive. Supply power to the servo drive. Use an RS-232 serial port connection between the computer and the drive. **Ignite.exe** and the firmware file (**version.emb**) must be accessible by the computer. It is recommended that the communication rate in the servo drive and **Ignite.exe** be set to 19.2 k baud for a rapid download of firmware.

1) Launching **Ignite.exe** brings up the following screen on your computer.

🐜 Ignite UCB	v2.0.3		
Com Port Com1 Com2 Com3	This program will update your ServoStar firmware To do this, take the following steps: 1.] Select the correct Com port. 2.] Select the correct baud rate. 3.] Click the Start button.		
C Com4	HW Revision:		Ember version:
Baud Rate	File name:		Address:
O 9600			
• 19200			
		<u>S</u> tart <u>A</u> dv	anced <u>E</u> xit

- 2) Press the "Advanced" button to select the firmware file that you want to download to the servo drive.
- 3) Only one firmware file should show up in the selection window. Use the 'Add' and 'Delete' buttons to obtain the correct file.



4) Press 'OK' when you are satisfied.

Advanced options Files to download:		×
File Name UCB704.EMB	File Path F:\DRIVES\Ss-UCB2\V7	OK Cancel
		<u>A</u> dd Delete
Use the specific address Skip drives seeking	: D Execute reset after download	ding

5) The first window reappears to allow you to select the appropriate communication port (Com Port) and communication rate (Baud Rate).

Ignite UCB v2.0.3			
Com Port Com1 Com2 Com2	This program To do this, tak 1.) Select the 2.) Select the	will update your ServoSta ke the following steps: correct Com port. correct baud rate.	r firmware
C Com3 Com4 Baud Rate	3.) Click the S HW Revision: File name:	tart button.	Ember version:
○ 9600○ 19200		Start Adv	vanced Exit
\smile		<u>S</u> tart <u>A</u> dv	vanced <u>E</u> xit

6) Once you have made your selections, press the "Start" button.

Ignite UCB سنط	v2.0.3
Com Port Com1 Com2 Com3	This program will update your ServoStar firmware To do this, take the following steps: 1.) Select the correct Com port. 2.) Select the correct baud rate. 3.) Click the Start button.
C Com4	HW Revision: UCB2 (ID = 2) Ember version: 2.0
Baud Rate	File name: UCB704.EMB Address: 0
O 9600	Downloading packet 40
• 19200	
	<u>Start</u> <u>A</u> dvanced <u>E</u> xit

7) The drive displays an 'E' on the LED acknowledging it has been put into the firmware download mode. When the software download is complete, **Ignite.exe** displays "Download successful" at the bottom of the screen. The servo drive power must be cycled (turned off then back on) in order to return the servo drive to its normal operating mode.

Ignite UCB سنعة	v2.0.3
Com Port Com1 C Com2 C Com3	This program will update your ServoStar firmware To do this, take the following steps: 1.) Select the correct Com port. 2.) Select the correct baud rate. 3.) Click the Start button.
C Com4	HW Revision: UCB2 (ID = 2) Ember version: 2.0
Baud Rate	File name. UCR704.EMB Address: 0
O 9600	Download successful
• 19200	
	<u>Start</u> <u>Advanced</u> <u>Exit</u>

- 8) Use **MOTIONLINK** to either:
 - a.) Load the motor compensation file and issue a RSTVAR (reset variables) command

OR

b.) Load a user file that has been saved to your computer (xxxx.SSV)

Advanced Options

Use a specific address – select when using RS-485 multi-drop to direct the firmware to a specific drive on the communication multi-drop

Skip drive seeking – select this option if your drive is already in firmware download mode or simply to avoid the scan process by defaulting to the specified communication address

Customer Service

Danaher Motion products are available globally through an extensive authorized distributor network. These distributors offer literature, technical assistance, and a wide range of models off the shelf for the fastest possible delivery.

Danaher Motion sales engineers are conveniently located to provide prompt attention to customer needs. Call the nearest office for ordering and application information and assistance or for the address of the closest authorized distributor. If you do not know who your sales representative is, contact us at:

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