



Replacing a Module

This informative document will explain the procedure to quickly replace a module in your system. It is relatively easy to replace a module and the process is straight forward; however, you may want to set aside at least half an hour to do this so you have plenty of time to troubleshoot any problems that may arise. The entire procedure can be done with the controller, the software and all other modules running.

Steps

1. Replace hardware
2. Configure the software
3. Make sure everything works

Replacing the Hardware

1. Remove the old unit from the equipment rack and take note of where all the connections are located
 - a. When you remove the DVI connection from the old unit, the output will be affected until the new unit is in place and the software configured

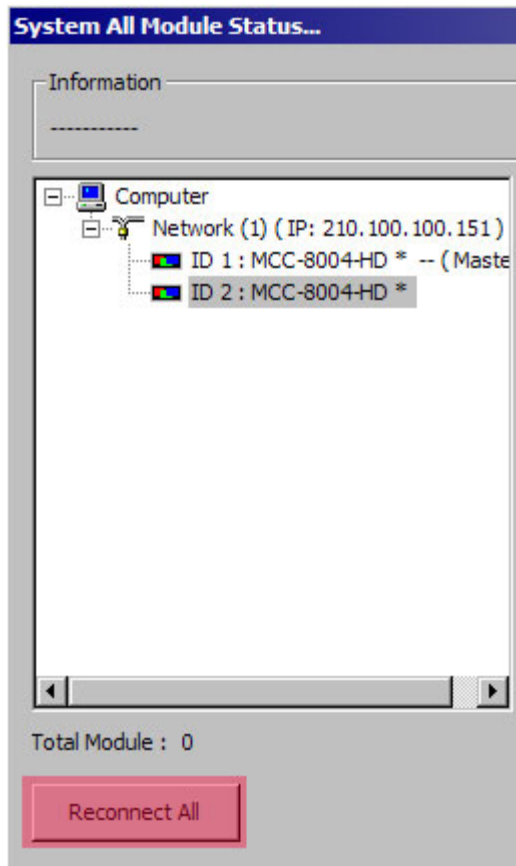


Figure1. Step 2

2. Make sure the rotary dial of the new unit is set to the same position as the old unit and mount it into the equipment rack
3. Plug in all the connections removed from step 1 and then power on the unit

Configuring the Software Cosmos

1. If you are using Cosmos v4, select Program—Check System Status
2. After it detects all your modules, select Reconnect All from the bottom left corner, this will redetect all the modules on the communication chain, this step is required to detect the new module since the chain was broken when the units were swapped
3. Select Quit to exit this menu
4. Select the group that the swapped module is in and select Reset Group Modules from the group menu, it should be the fourth item from the top
 - a. This will sync the new module with the rest of the group so the resolution, position, size and OSD for the windows is the same as before
5. Select Program—MCC Flash—Save System and write to flash

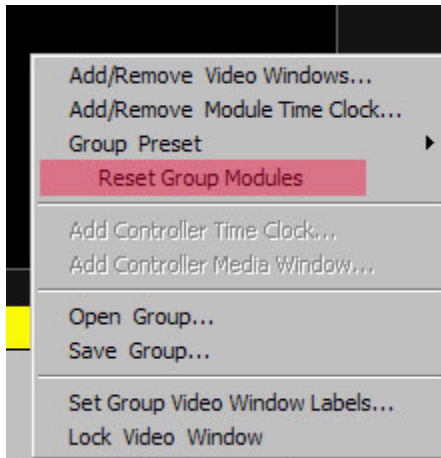


Figure2. Step 4

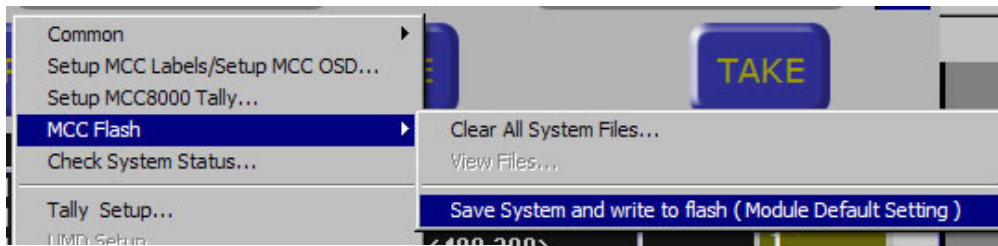


Figure3. Step 5

- a. This will save the current layout to all the modules in the group including the new unit so that it will show the same layout every time you power it on.
6. If you have group presets, it is a good idea to resave all the presets so the new unit has them in memory, if this step is skipped, the windows on the new modules will not update when you try to load a preset
 - a. Select Open to open a preset "File1.GP1" and then select save and select "File1.GP1" to save over the existing file
7. When you are done, load the master preset you want to show every time the module is powered on and then exit Cosmos and select Save All when prompted
 - a. This will save all the presets, that were re-saved in step 6, into flash memory and also save the current layout into boot memory so the modules remembers what preset to load when it is powered on

Troubleshooting

If your display starts to flash uncontrollably or goes into sleep mode when you are swapping modules, do not worry. It should all come back after completing the software configuration process. In the rare case that it does not come back, please call our technical support line for further directions.

If the new module you receive has newer firmware than the existing modules, the startup process may be slow and the communication may seem sluggish. In this circumstance, please upgrade to a newer version of Cosmos. Make sure the Cosmos date is newer than the CB firmware date.

Technical Support

If you have any questions regarding the information provided in this guide, please call our technical support line at 425-885-3863 or our toll free line at 1-877-AVI-TECH.

To contact the author of this document, please send an email to Thomas@avitechvideo.com.