

Smart Graphics Setup Guide for MMS

Server Requirements

The server must be running at least version 4.5.x.x of our firmware. To update to this version, open a telnet connection to port 23 of the server and send *autoupdate hotfix*. If assistance is required in updating the firmware, please contact our Technical Support team at +1-914-598-1647 or support@autonomic-controls.com.

Crestron Requirements

The device objects for the MMS-5(A) and MMS-2 are only available in Crestron Device Database 49.05.004.00 and greater. Please make sure this database and any of its prerequisites are fully updated before proceeding.

Crestron Configuration

1. Add either the MMS-5A device module or the MMS-2 device module to the program just like any other device.
2. Extend the device module with an Ethernet Offline Manager.
3. Extend the touch panel device module with a Media Player Application.
4. Add one Core3 Media Object Router per touch panel.
Note: Each touch panel will make its own connection back to the server, so each touch panel needs its own router module.
5. Connect the CRPC_FB serial outputs of the MMS module to the CRPC_From_Device_ *n* serial inputs on the Media Object router on the touch panel.
6. Similarly, connect the CRPC_To_Device_ *n* serial outputs on the Object Router to the CRPC serial inputs on the MMS module.
7. Of course, match the feedback and control signal per device. For example, the feedback and control signals for Main on the MMS-5A module should be attached to the same device line on the Object Router.
8. On the Object Router, attach the Offline signal from the MMS module's EOM to each Device_ *n* _is_Offline that has an in-use device for feedback and control at the top of the Router.
9. Configure the rest of the Core3 Media Object Router normally.
10. Take note of the IP-ID assigned to the MMS module, as it is necessary for the MMS configuration. Also, take note of which players you've configured on the MMS module, as both the selection of players and the position of the players selected are necessary for the MMS configuration.
11. Compile and upload the program and the VPro files to the processor and touch panels, respectively.

MMS Configuration

1. Once the server's firmware is at least 4.5.x.x, navigate to the Source Settings tab on the server's web configuration page (<http://<server-ip>/Config/Sources.aspx>).
2. In the section titled *Control System*, select Crestron Core 3 Smart Graphics™ from the dropdown menu.
3. Once selected, options will appear per MMS output to allow configuration for Core3 control.
4. Options are available per output so that each output can be controlled by a separate Crestron processor if need be.
5. Using the checkbox in the *Controlled* column, select which outputs are in use by the Crestron system.
6. Enter the processor IP address for the selected outputs.
7. Enter the IP-ID that corresponds to the MMS module on the configured processor.
8. In the last column, enter the integer position of the Player this MMS output corresponds to on the MMS module.
See the below figure for more detail.
9. Once all settings are entered, press the large Save Changes button near the top of the page.

Control System
 What control system are you connected to: Crestron Core 3 Smart Graphics™

Name	Controlled	Processor IP Address	IPID (hex)	Position [?]
Main	<input checked="" type="checkbox"/>	192.168.1.140	15	1
Player A	<input checked="" type="checkbox"/>	192.168.1.140	15	2
Player B	<input checked="" type="checkbox"/>	192.168.1.140	15	3
Player C	<input checked="" type="checkbox"/>	192.168.1.140	15	4
Player D	<input checked="" type="checkbox"/>	192.168.1.140	15	5

Slot-02.IP-ID-15 : Autonomics MMS-5A : Autonomics MMS-5A

Autonomics MMS-5A			
MMS-5A_Main_CRPC	Main_CRPC	Main_CRPC_FB	MMS-5A_Main_CRPC_FB
MMS-5A_Player_A_CRPC	Player_A_CRPC	Player_A_CRPC_FB	MMS-5A_Player_A_CRPC_FB
MMS-5A_Player_B_CRPC	Player_B_CRPC	Player_B_CRPC_FB	MMS-5A_Player_B_CRPC_FB
MMS-5A_Player_C_CRPC	Player_C_CRPC	Player_C_CRPC_FB	MMS-5A_Player_C_CRPC_FB
MMS-5A_Player_D_CRPC	Player_D_CRPC	Player_D_CRPC_FB	MMS-5A_Player_D_CRPC_FB
MMS-5A_USB_CRPC	USB_CRPC	USB_CRPC_FB	MMS-5A_USB_CRPC_FB

Used for Optional USB DAC