



## Crestron Module Documentation for an

### *Atlona AT-OME-MH21*

#### *General Information*

<i>Module Name:</i>	<i>Atlona_OME-MS52-r1.0.umc</i>
<i>Version:</i>	<i>Rev-01</i>
<i>Summary:</i>	<i>This module controls switching for the AT-OME-MH21.</i>
<i>Notes:</i>	

#### *Control*

<i>Signal Name</i>	<i>Description</i>
<a href="#">[All_Out_Input_1]</a>	<i>Switches Input to Output</i>
<a href="#">[All_Out_Input_2]</a>	<i>Switches Input to Output</i>
<a href="#">[Switch_Status]</a>	<i>Queries status of what input is routed to the output</i>
<a href="#">[UsbHostRoute_1]</a>	<i>Routes USB-1 to the USB Host</i>
<a href="#">[UsbHostRoute_2]</a>	<i>Routes USB-2 to the USB Host</i>
<a href="#">[Power_Status]</a>	<i>Queries for the Power Status.</i>
<a href="#">[Broadcast_on]</a>	<i>Sets Broadcast of feedback to on. This is enabled by default</i>

[Broadcast_off]	<i>Sets Broadcast of feedback to off</i>
[Broadcast_status]	<i>Queries the status of Broadcast of feedback</i>

[InputStatus_ALL]	<i>Queries the status of signal detect for all inputs</i>
[InputStatus1]	<i>Queries the status of signal detect for Input 1</i>
[InputStatus2]	<i>Queries the status of signal detect for Input 2</i>
[InputBroadcast_on]	<i>Enables Feedback for Input Source Sync Detected</i>
[InputBroadcast_off]	<i>Disables Feedback for Input Source Sync Detected</i>
[InputBroadcast_status]	<i>Queries the state of Input Broadcast</i>
[AutoSW_on]	<i>Turns Auto Switching On</i>
[AutoSW_off]	<i>Turns Auto Switching Off</i>
[AutoSW_status]	<i>Sends Input to HDMI Out</i>
[HDMI_AUDIO_MUTE_on]	<i>Mutes HDMI Audio</i>
[HDMI_AUDIO_MUTE_off]	<i>UnMutes HDMI Audio</i>
[HDMI_AUDIO_MUTE_status]	<i>Queries the status of the HDMI Audio Mute</i>
[Analog_AUDIO_MUTE_on]	<i>Mutes Analog Audio</i>
[Analog_AUDIO_MUTE_off]	<i>UnMutes Analog Audio</i>
[Analog_AUDIO_MUTE_status]	<i>Queries the status of the Analog Audio Mute</i>
[Video_Mute_on]	<i>Mutes Video Output</i>
[Video_Mute_off]	<i>UnMutes Video Output</i>
[Video_Mute_status]	<i>Queries the status of the Video Output Mute</i>
[Factory_Reset]	<i>Factory Resets the Unit</i>
To_Device_tx\$	<i>Sends commands to Unit</i>

## Feedback

<i>Signal Name</i>	<i>Description</i>
[All_Out_Input_1_fb]	<i>Input 1 is routed to the Output</i>
[All_Out_Input_2_fb]	<i>Input 2 is routed to the Output</i>
[All_Output_Switch_fb]	<i>Analog feedback for switched output.</i>
[UsbHostRoute_1_fb]	<i>USB-1 is Routed to the USB Host</i>
[UsbHostRoute_2_fb]	<i>USB-2 is Routed to the USB Host</i>
[Power_On_fb]	<i>Power is On</i>
[Broadcast_on_fb]	<i>Broadcast is enabled</i>
[Broadcast_off_fb]	<i>Broadcast is Disabled</i>

[InputStatus1_0_fb]	<i>No Signal Detected on Input 1</i>
[InputStatus1_1_fb]	<i>Signal Detected on Input 1</i>
[InputStatus2_0_fb]	<i>No Signal Detected on Input 2</i>
[InputStatus2_1_fb]	<i>Signal Detected on Input 2</i>
[InputBroadcast_on_fb]	<i>Input Broadcast is enabled</i>
[InputBroadcast_off_fb]	<i>Input Broadcast is Disabled</i>
[AutoSW_on_fb]	<i>Auto Switching is On</i>
[AutoSW_off_fb]	<i>Auto Switching is Off</i>
[HDMI_AUDIO_MUTE_on_fb]	<i>HDMI Audio is Muted</i>
[HDMI_AUDIO_MUTE_off_fb]	<i>HDMI Audio is UnMuted</i>
[Analog_AUDIO_MUTE_on_fb]	<i>Analog Audio is Muted</i>
[Analog_AUDIO_MUTE_off_fb]	<i>Analog Audio is UnMuted</i>
[Video_Mute_on_fb]	<i>Video Output is Muted</i>
[Video_Mute_off_fb]	<i>Video Output is UnMuted</i>

From_Device_rx\$	<i>Receives commands to Unit</i>
------------------	----------------------------------

<i>Date</i>	<i>Initials</i>	<i>Comments</i>
<i>02/18/2021</i>	<i>NM</i>	<i>Initial Release</i>