



Opus 4K HDR HDMI to HDBaseT Matrix Switcher

Crestron Module

AT-OPUS-810M		Crestron Module
AT-OPUS-68M		
AT-OPUS-46M		

Version Information

Version	Release Date	Notes
1	11/18	Initial release

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General Information

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Module Name:	Atlona OPUS Universal Module.umc
Version	Rev-01
Summary:	This module controls switching, and multiple controllable setting values of the Atlona OPUS.
Notes:	

Parameters

Parameter Name	Description
Vol Hold before Ramp	Specifies the amount of time that Volume buttons need to be held before the Vol Pulse rate becomes active.
Vol Pulse Rate	Specifies how fast the volume commands will be sent when the volume button is held.
Polling Interval	Specifies the delay in between polling. It is recommended to keep this the default value of 120 seconds (2 minutes)

Control

Signal Name	Description
AV_Out1~10	Set to value of 1 – 8 to represent the input to be sent to the Audio and Video output
Video_Out1~10	Set to value of 1 – 8 to represent the input to be sent to the Video output
Audio_Out1~10	Set to value of 1 – 8 to represent the input to be sent to the Audio output
Preset1~5	Pulse to recall matrix presets.
Preset1~5_Save	Pulse to save preset. Presets are stored in the unit, not in the Crestron processor.
VolOut1~10_+	Pulse to increase volume. If latched, volume will continually increase.
VolOut1~10_-	Pulse to decrease volume. If latched, volume will continually decrease.
VolOut1~10_Level	Sets the value of the audio output. Valid ranges are 0 – 100% (0 – 65535)
VolOut1~10_Mute_On	Pulse to mute audio
VolOut1~10_Mute_Off	Pulse to unmute audio
To_RS-232_Zone_1~8\$	Sends RS-232 serial data out the HDBaseT RX RS-232 for the given output #. Please note to configure the RS-232 settings on the OPUS.
CEC_Power_On_Zone_1~10	Pulse to send CEC On to zone
CEC_Power_Off_Zone_1~10	Pulse to send CEC Off to zone
Device_Rx\$	Connect to RS-232/IP client Receive.

Feedback

Signal Name	Description
AV_Out1~10_FB	Feedback for Audio and Video routing
Video_Out1~10_FB	Feedback for Video routing
Audio_Out1~10_FB	Feedback for Audio routing
Preset_1~5_Fb	Feedback indicating that a preset was recalled
Preset_1~5_Saved_Fb	Latch High for 1 second to indicate that a preset has been saved
VolOut1~10_Level_FB	Feedback for the current audio output level. Valid range is 0-100% (0 to 65535)
VolOut1~10_Mute_On_FB	Feedback representing the mute on state
VolOut1~10_Mute_Off_FB	Feedback representing the mute off state
From_RS-232_Zone_1~8\$	RS-232 feedback from the HDBaseT RX
CEC_Power_On_Zone_1~10_Fb	Momentary feedback indicating the CEC on command was sent to Display
CEC_Power_Off_Zone_1~10_Fb	Momentary feedback indicating the CEC off command was sent to Display
Device_Tx\$	Connect to RS-232/IP client Transmit

Revision History

Date	Initials	Comments
October 30 2018	MDS	Initial Release R01

