



Version Information

Version	Release Date	Notes
1	04/17	This module controls power, switching, and multiple controllable setting values of the Atlona AT-UHD-SW-5000ED.

Control

Signal Name	Description
Module_Enable	Enables module if held high. Disables module if held low.
Device_Rx_	Connects to RS-232/IP receiver.
Poll_Enable	Enables polling if held high. Disables polling if held low.
Power_On	Pulse to turn unit on.
Power_Off	Pulse to turn unit off.
Input_1	Pulse to select HDBT 1.
Input_2	Pulse to select HDBT 2.
Input_3	Pulse to select HDMI 3.
Input_4	Pulse to select HDMI 4.
Input_5	Pulse to select HDMI 5.
Input_Direct	Set to value 1~5 to represent the input to be sent to the output.
Vol_+	Pulse to increase volume. If latched, volume will continually increase.
Vol_-	Pulse to decrease volume. If latched, volume will continually decrease.
Vol_Direct	Sets the value of the audio output level.
Vol_Mute_On	Pulse to mute audio.
Vol_Mute_Off	Pulse to unmute audio.
HDMI_Audio_Out_1_On	Pulse to turn HDMI audio on.
HDMI_Audio_Out_1_Off	Pulse to turn HDMI audio off.
HDBaseT_Audio_Out_1_On	Pulse to turn HDBT audio on.
HDBaseT_Audio_Out_1_Off	Pulse to turn HDBT audio off.
HDMI1_Input_HDCP_Mode_On	Pulse to turn HDMI 1 HDCP on.
HDMI1_Input_HDCP_Mode_Off	Pulse to turn HDMI 1 HDCP off.
HDMI2_Input_HDCP_Mode_On	Pulse to turn HDMI 2 HDCP on.
HDMI2_Input_HDCP_Mode_Off	Pulse to turn HDMI 2 HDCP off.
HDMI3_Input_HDCP_Mode_On	Pulse to turn HDMI 3 HDCP on.
HDMI3_Input_HDCP_Mode_Off	Pulse to turn HDMI 3 HDCP off.
HDMI4_Input_HDCP_Mode_On	Pulse to turn HDMI 4 HDCP on.

Signal Name	Description
HDMI4_Input_HDCP_Mode_Off	Pulse to turn HDMI 4 HDCP off.
HDMI5_Input_HDCP_Mode_On	Pulse to turn HDMI 5 HDCP on.
HDMI5_Input_HDCP_Mode_Off	Pulse to turn HDMI 5 HDCP off.
Auto_Switch_On	Pulse to set auto-switch functionality on.
Auto_Switch_Off	Pulse to set auto-switch functionality on.
Front_Pnl_Lock	Pulse to turn front panel lock on.
Front_Pnl_Unlock	Pulse to turn front panel lock off.
IR_On	Pulse to turn IR on.
IR_Off	Pulse to turn IR off.
Factory_Reset	Pulse to reset the unit to factory default.

Feedback

Signal Name	Description
Device_Tx_\$	Connect to RS232/IP client transmit.
Power_On_Fb	Power On feedback.
Power_Off_Fb	Power Off feedback.
Input_1_Fb	Input HDBT 1 is selected feedback
Input_2_Fb	Input HDBT 2 is selected feedback
Input_3_Fb	Input HDMI 3 is selected feedback
Input_4_Fb	Input HDMI 4 is selected feedback
Input_5_Fb	Input HDMI 5 is selected feedback
Input_Direct_Fb	Feedback representing the selected input
Vol_Fb	Volume level feedback
Volume_Mute_On_Fb	Feedback representing mute being on
Volume_Mute_Off_Fb	Feedback representing mute being off
HDMI_Audio_Out_1_On_Fb	Feedback representing HDMI audio on.
HDMI_Audio_Out_1_Off_Fb	Feedback representing HDMI audio off.
HDBaseT_Audio_Out_1_On_Fb	Feedback representing HDBT audio on.
HDBaseT_Audio_Out_1_Off_Fb	Feedback representing HDBT audio off.
HDMI1_Input_HDCP_Mode_On_Fb	Feedback representing HDMI 1 HDCP on.
HDMI1_Input_HDCP_Mode_Off_Fb	Feedback representing HDMI 1 HDCP off.
HDMI2_Input_HDCP_Mode_On_Fb	Feedback representing HDMI 2 HDCP on.
HDMI2_Input_HDCP_Mode_Off_Fb	Feedback representing HDMI 2 HDCP off.
HDMI3_Input_HDCP_Mode_On_Fb	Feedback representing HDMI 3 HDCP on.
HDMI3_Input_HDCP_Mode_Off_Fb	Feedback representing HDMI 3 HDCP off.
HDMI4_Input_HDCP_Mode_On_Fb	Feedback representing HDMI 4 HDCP on.
HDMI4_Input_HDCP_Mode_Off_Fb	Feedback representing HDMI 4 HDCP off.
HDMI5_Input_HDCP_Mode_On_Fb	Feedback representing HDMI 5 HDCP on.

Signal Name	Description
HDMI5_Input_HDCP_Mode_Off_Fb	Feedback representing HDMI 5 HDCP off.
Auto_Switch_On	Feedback representing auto-switch functionality on.
Auto_Switch_Off	Feedback representing auto-switch functionality off.

