



Manufacturer: Allen & Heath  
 Model: AHM64  
 Device Type: Digital Signal Processor

### CONTACT SUPPORT:

<b>COMPANY NAME:</b>	Allen & Heath
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<b>NOTES:</b>	

### GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	AandH Mute Control-AHM64 r0.0
<b>CATEGORY:</b>	DSP
<b>VERSION:</b>	V0.0
<b>SUMMARY:</b>	This module controls Input, Zone and Group Mutes.
<b>GENERAL NOTES:</b>	<p>This module controls Input, Zone and Group Mutes.</p> <p>While demo code is for the MC4 processor, this has been tested against both 3-series and 4-series processors.</p> <p>Module set currently does NOT support SSL encrypted connections between the processor and AHM64.</p> <p>Reference the AHM64 protocol for valid Control Channels for the selected control type. For more information Reference: AHM-TCP-Protocol-V1.pdf</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	3-series & 4-series processors only
<b>SETUP OF CRESTRON HARDWARE:</b>	<p>This Module requires an external TCP/IP connection symbol (Port 51325) to communicate to the AHM64.</p> <p>Please see the example file for detailed connectivity.</p>



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<b>VENDOR FIRMWARE:</b>	V1.02 - Rev59154
<b>VENDOR SETUP:</b>	Tested with AHM64 Firmware V1.02 - Rev59154 and System Manager and firmware V1.02
<b>CABLE DIAGRAM:</b>	TCP/IP connection

**CONTROL: (\*examples below)**

<u>Signal/Function Name</u>	<u>D.S.A</u>	<u>Digital, Serial, Analog signal property definition.</u>
<b>MuteOn/Off/Toggle</b>	D	Pulse to turn mute on/off or toggle state.
<b>Poll</b>	D	Pulse to poll and sync the current level. Should only be needed for initial reading of level at code start or after recalling a preset. Module will poll internally for other changes.
<b>FmMixer</b>	S	Connect to the TCP/IP symbol receive line.

**FEEDBACK: (\*examples below)**

<b>MuteOnFb/OffFb</b>	D	Mute Feedback. This is tracked internally by the module. It is also updated when the mixer sends feedback when the control is nudged.
<b>ToMixer</b>	S	Connect to the TCP/IP symbol Transmit line.



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**PARAMETERS: (anything needed to be assigned inside program)**

ControlType	d	Select Input, Zone or Group from drop down list.
ControlChnl	d	Select valid range from control type in decimal format.

**TESTING: (please fill out carefully)**

OPS USED FOR TESTING:	MC4 2.4508.00028
SIMPL WINDOWS USED FOR TESTING:	4.14.21
DEVICE DB USED FOR TESTING:	200.30.002.00
CRES DB USED FOR TESTING:	202.00.001.00
SYMBOL LIBRARY USED FOR TESTING:	1115
SAMPLE PROGRAM:	AandH AHM64 Demo MC4.smw
REVISION HISTORY:	V0.0 – Initial Release