



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

CONTACT SUPPORT:

COMPANY NAME:	Allen & Heath
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NOTES:	

GENERAL INFORMATION

SIMPLWINDOWS NAME:	AandH XPointMute Control-AHM64 r0.0
CATEGORY:	DSP
VERSION:	V0.0
SUMMARY:	This module controls Input to Zone, and Zone to Zone mutes.
GENERAL NOTES:	<p>This module controls Input to Zone, and Zone to Zone 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>
CRESTRON HARDWARE REQUIRED:	3-series & 4-series processors only
SETUP OF CRESTRON HARDWARE:	<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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VENDOR FIRMWARE:	V1.02 - Rev59154
VENDOR SETUP:	Tested with AHM64 Firmware V1.02 - Rev59154 and System Manager and firmware V1.02
CABLE DIAGRAM:	TCP/IP connection

CONTROL: (*examples below)

<u>Signal/Function Name</u>	<u>D.S.A</u>	<u>Digital, Serial, Analog signal property definition.</u>
MuteOn/Off/Toggle	D	Pulse to turn mute on/off or toggle state.
Poll	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.
FmMixer	S	Connect to the TCP/IP symbol receive line.

FEEDBACK: (*examples below)

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



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PARAMETERS: (anything needed to be assigned inside program)

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