CRESTRON

HELP FILE DOCUMENT

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

CONTACT SUPPORT:

COMPANY NAME:	Allen & Heath
SUPPORT CONTACT:	Support
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NOTES:	

GENERAL INFORMATION

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

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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)

Signal/Function Name	D,S,A	Digital, Serial, Analog signal property definition.
Take	D	Sends the command to the AHM64 for whichever Preset is currently on the Preset analog. Can be latched with a 1 to automatically send whenever the analogs change.
Preset	A	Preset to recall. Valid range 1-500d
FmMixer	S	Connect to the TCP/IP symbol Receive line.

FEEDBACK: (*examples below)

PresetFb	A	Feedback on last recalled Preset. Valid range 1d-16d. This is tracked both internally (when module is used to send preset) and if the preset is changed externally. However, this will not sync to the active preset on the unit when the Crestron processor comes online.
PresetRecalled	D	Pulses to indicate a preset has been recalled by this module or externally. This can be used to trigger a poll on level or other modules to sync them to any changes the preset may have made.
ToMixer	S	Connect to the TCP/IP symbol Transmit line.

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PARAMETERS: (anything needed to be assigned inside program)

None		

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