

Partner: SnapAV
Model: AMS 8 & AMS 24
Device Type: Surge Protector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Triad Demo Program.smw
CATEGORY:	AV
VERSION:	1.0
SUMMARY:	This module controls a Triad AMS 8 or AMS 24 Audio Matrix through TCP communication.
GENERAL NOTES:	This module was designed to control Triad Audio Matrices. This module supports a maximum of 24x24 and is compatible with the AMS 8 or AMS 24. Please note that certain features will not be populated depending on the piece of hardware used. For example, AMS 8 will not be able to control inputs and outputs beyond 8.
CRESTRON HARDWARE REQUIRED:	3 series processor is required.
SETUP OF CRESTRON HARDWARE:	TCP/IP on a per-request basis in SIMPL+. IP address of the Triad device.
VENDOR FIRMWARE:	None.
VENDOR SETUP:	None.
CABLE DIAGRAM:	None.

CONTROL:

CONNECT	D	Set to high to enable this module.
DEBUG	D	Set to high to turn debugging on for toolbox.
POWER_ON	D	Pulse high to signal the device to power on.
POWER_OFF	D	Pulse high to signal the device to power off.
POWER_TOGGLE	D	Pulse high to signal the device to toggle the power state. If the device is off, it will toggle on. If the device is on, it will toggle off.
OUTPUT_MUTE[o]	D	Set high to mute the output. Set low to unmute the output. This is an array signal which supports up to 24 signals.
INPUT_GAIN[i]	A	Send 0-12 to adjust the input gain of the input. This is an array signal which supports up to 24 signals.
OUTPUT_SOURCE[i]	A	Send 1-24 to adjust the currently selected input source for the given output. This is an array signal which supports up to 24 signals.
OUTPUT_VOLUME[o]	A	Send 0-100 to adjust the output volume. This range is represented in negative values in dB. For example, a value of 100 will set the volume level to 0 which is the max volume for the unit.

Partner: SnapAV
Model: AMS 8 & AMS 24
Device Type: Surge Protector

**FEEDBACK:**

CONNECTED	D	HIGH = Connected LOW = Disconnected
POWER	D	HIGH = Powered On LOW = Standby HIGH = Muted Low = Unmuted
CURRENT_OUTPUT_MUTE[o]	D	Indicates the current mute status of the output. This is an array signal that supports up to 24 signals.
CURRENT_OUTPUT_SOURCE[o]	A	Indicates the current input for the output. This is an array signal that supports up to 24 signals.
CURRENT_INPUT_GAIN[i]	S	Indicates the current level for the input gain. This is an array signal that supports up to 24 signals.
CURRENT_OUTPUT_VOLUME[o]	S	Indicated the current volume level of the output. This is an array signal that supports up to 24 signals. This value is the real dB value set on the device.

PARAMETER:

device_ip\$	S	IP address
-------------	---	------------

TESTING:

OPS USED FOR TESTING: RMC3 1.010.0060

SIMPL WINDOWS USED FOR TESTING: 4.02.65

DEVICE DB USED FOR TESTING: 65.05.003.00

CRES DB USED FOR TESTING: 51.05.007.00

SYMBOL LIBRARY USED FOR TESTING: 944

SAMPLE PROGRAM: Triad Demo Project

REVISION HISTORY: V1.0
Original Release