Partner: CYP
Model: AU-A300
Device Type: Integrated Zone Amplifier

GENERAL INFORMATION:

CATEGORY:	AV Receiver
VERSION:	1.00
SUMMARY:	This module will control supported CYP AU-A50 devices, via TCP/IP and serial.
GENERAL NOTES:	N/A
CRESTRON HARDWARE REQUIRED:	For TCP/IP control, any Ethernet-enabled processor is required; for RS232 control, any processor with a serial port is required.
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	V1.4
VENDOR SETUP:	TCP-IP It is recommended that the device be configured with a static IP address in the same range as the Crestron processor. Serial Straight through 9pin serial cable.
CABLE DIAGRAM:	N/A

CONTROL:

POWER_TOGGLE	D	Turns the device on/off.
S_LINE_IN	D	Sets the device source mode to line in.
S_RCA	D	Sets the device source mode to RCA in.
S_OPT	D	Sets the device source mode to optical in.
S_COAX	D	Sets the device source mode to coaxial in.
S_HDMI	D	Sets the device source mode to HDMI in.
S_HDMI2	D	Sets the device source mode to HDMI2 in.
M_OFF	D	Sets the microphone input to off mode.
M_NORMAL	D	Sets the microphone input to normal mode.
M_PHANTOM	D	Sets the microphone input to phantom mode.
M_LINE	D	Sets the microphone input to line mode.

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MUTE_TOGGLE	D	Turns mute on/off.
VOLUME	A	Controls the volume of the amplifier for the currently selected source. Valid values range from 0-100.
MIC_VOLUME	A	Controls the volume of the microphone. Valid values range from 0-100.
DEBUG_LEVEL	D	Service Only.
[RX] *****(serial only)*****	S	Connect to the serial port 'Receives' on the control processor.

FEEDBACK:

POWER_STATUS_FB	D	High when Power On.
SOURCE_LINE_IN_FB	D	High when 'Line in' is selected .
SOURCE_RCA_FB	D	High when 'RCA' is selected.
SOURCE_OPT_FB	D	High when 'Optical' is selected.
SOURCE_COAX_FB	D	High when 'Coaxial' is selected.
SOURCE_HDMI_FB	D	High when 'HDMI' is selected.
SOURCE_HDMI2_FB	D	High when 'HDMI2' is selected.
MIC_OFF_STATUS_FB	D	High when microphone is off.
MIC_NORMAL_STATUS_FB	D	High when microphone is in 'Normal' mode.
MIC_PHANTOM_STATUS_FB	D	High when microphone is in 'Phantom' mode.
MIC_LINE_STATUS_FB	D	High when microphone is in 'Line' mode.
MUTE_STATUS_FB	D	High when Mute On.
VOLUME_FB	A	Volume value from 0-100.
MIC_VOLUME_FB	A	Microphone volume value from 0-100.
CONNECTED_FB	D	High when Device is connected .
[TX] *****(serial only)*****	S	Connect to the serial port 'Transmits' on the control processor.

PARAMETERS: (TCP Only)

IP_ADDRESS	S	The IP address of the amplifier. (Leave blank to control through serial).

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PORT	A	The port number to connect on.

TESTING:

OPS USED FOR TESTING:	MC3 1.007.0019
SIMPL WINDOWS USED FOR TESTING:	04/02/65
CRESTRON DB USED FOR TESTING:	46.00.004.00
DEVICE DB USED FOR TESTING:	57.05.001.00
REVISION HISTORY:	V. 1.00 – initial release