

**Partner: CYP**  
**Model: AU-A50**  
**Device Type: 2-Channel Zone Amplifier**

**GENERAL INFORMATION:**

<b>CATEGORY:</b>	AV Receiver
<b>VERSION:</b>	1.00
<b>SUMMARY:</b>	This module will control supported CYP AU-A50 devices, via TCP/IP and serial.
<b>GENERAL NOTES:</b>	N/A
<b>CRESTRON HARDWARE REQUIRED:</b>	For TCP/IP control, any Ethernet-enabled processor is required; for RS232 control, any processor with a serial port is required.
<b>SETUP OF CRESTRON HARDWARE:</b>	N/A
<b>VENDOR FIRMWARE:</b>	V1.0
<b>VENDOR SETUP:</b>	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.
<b>CABLE DIAGRAM:</b>	N/A

**CONTROL:**

<b>A50_POWER_TOGGLE</b>	D	Turns the device on/off.
<b>A50_S_LINE_IN</b>	D	Sets the device source mode to line in.
<b>A50_S_RCA</b>	D	Sets the device source mode to RCA in.
<b>A50_S_OPT</b>	D	Sets the device source mode to optical in.
<b>A50_S_COAX</b>	D	Sets the device source mode to coaxial in.
<b>A50_S_EAUDIO</b>	D	Sets the device source mode to EAudio in.
<b>A50_MUTE_TOGGLE</b>	D	Turns mute on/off.
<b>A50_VOLUME</b>	A	Controls the volume of the amplifier for the currently selected source. Valid values range from 0-100.
<b>A50_DEBUG_LEVEL</b>	D	Service Only.
<b>[RX] *****<i>(serial only)</i>*****</b>	S	Connect to the serial port 'Receives' on the control processor.

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**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_EAUDIO_FB	D	High when 'EAudio' is selected.
MUTE_STATUS_FB	D	High when Mute On.
VOLUME_FB	A	Volume value from 0-100.
CONNECTED_FB	D	High when Device is connected .
[TX] ***** <i>(serial only)</i> *****	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).
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