

**Partner: Vanco**  
**Model: PA66AMP**  
**Device Type: Amplifier**



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Vanco 6X6 Amplifier PA66AMP Serial
<b>CATEGORY:</b>	Amplifier
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module integrates Vanco 6X6 Amplifier (PA66AMP) via RS-232.
<b>GENERAL NOTES:</b>	This module integrates the functions of a Vanco 6X6 Amplifier (PA66AMP) via RS-232.
<b>CRESTRON HARDWARE REQUIRED:</b>	3 series processor.
<b>SETUP OF CRESTRON HARDWARE:</b>	<p>Connect the Vanco 6X6 Amplifier to a RS-232 serial port on the Crestron controller.</p> <p>Configure the COM Two-way serial driver to the connected RS-232 serial port with the following settings:</p> <p>Baud Rate - 9600</p> <p>Data Bits - 8</p> <p>Stop Bits - 1</p> <p>Parity - N</p> <p>Connect "TX_SERIAL_COMMAND" to the [tx\$] connection of the Two-way serial driver. Connet "RX_SERIAL_DATA" to the [rx\$] connection of the Two-way serial driver.</p>
<b>VENDOR FIRMWARE:</b>	V1.0.1
<b>VENDOR SETUP:</b>	N/A
<b>CABLE DIAGRAM:</b>	N/A

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**CONTROL:**

UPDATE_ALL_ZONES	D	Pulse to fetch and update the current values of the amplifier's zones.
SET_INPUT_D[1-6]	D	Pulse [1-6] to select an input to switch to the selected zone.
SET_ZONE_D[1-6]	D	Pulse [1-6] to select an zone to switch to the selected input.
SET_MUTE_ZONE[1-6]	D	Set high to mute the zone or low to unmute the zone.
SET_POWER_ZONE[1-6]	D	Set high to power on the zone or low to power off the zone.
RX_SERIAL_DATA	S	Connect to the [rx\$] zone of the Two-way serial driver.
SET_INPUT_A	A	Pulse [1-6] to select an input to switch to the selected zone.
SET_ZONE_A	A	Pulse [1-6] to select an zone to switch to the selected input.
SET_VOLUME_ZONE[1-6]	A	Pulse [0-38] to set the volume of the selected zone to the pulsed number.
SET_BALANCE_ZONE[1-6]	A	Pulse[0-20] to set the balance of the selected zone to the pulsed number.
SET_TREBLE_ZONE[1-6]	A	Pulse[0-14] to set the treble of the selected zone to the pulsed number.
SET_BASS_ZONE[1-6]	A	Pulse[0-14] to set the bass of the selected zone to the pulsed number.

**FEEDBACK:**

TX_SERIAL_COMMAND	S	Connect to the [tx\$] input of the Two-way serial driver.
ZONE_INPUT[1-6]	A	Analog feedback of the input number that the zone is set to.
ZONE_POWER[1-6]	A	Analog feedback of the current power status that the zone is set to.
ZONE_MUTE[1-6]	A	Analog feedback of the current mute status that the zone is set to.
ZONE_VOLUME[1-6]	A	Analog feedback of the current volume that the zone is set to.
ZONE_BALANCE[1-6]	A	Analog feedback of the current balance that the zone is set to.
ZONE_TREBLE[1-6]	A	Analog feedback of the current treble that the zone is set to.
ZONE_BASS[1-6]	A	Analog feedback of the current bass that the zone the set to.

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	RMC3 1.010.0060
<b>SIMPL WINDOWS USED FOR TESTING:</b>	4.03.20
<b>DEVICE DB USED FOR TESTING:</b>	73.05.002.00
<b>CRES DB USED FOR TESTING:</b>	55.00.011.00
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	985
<b>SAMPLE PROGRAM:</b>	Vanco PA66AMP Demo
<b>REVISION HISTORY:</b>	v1.0 – Original Release