



Manufacturer: Powersoft Audio  
 Model: CA-2404  
 Device Type: Audio amplifier

### CONTACT SUPPORT:

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<b>NOTES:</b>	Module for control Quattrocanali Powersoft Audio amplifier

### GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	powersoft_CA-2404.umc
<b>CATEGORY:</b>	Powersoft
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	Module for control Quattrocanali Powersoft Audio amplifier
<b>GENERAL NOTES:</b>	Don't use broadcast address on UDP connection. Keep close Powersoft Armonia. ONLY FOR 3-Series processor
<b>CRESTRON HARDWARE REQUIRED:</b>	3-Series with Ethernet card installed
<b>SETUP OF CRESTRON HARDWARE:</b>	Connection: UDP on port 8002
<b>VENDOR FIRMWARE:</b>	(Very important to include this for device modules)
<b>VENDOR SETUP:</b>	DIN-AP3 connected to Quattrocanali with Cat5 cable through ethernet switch.
<b>CABLE DIAGRAM:</b>	Use standard Cat 5 ethernet cable.



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**CONTROL:**

<i>Signal/Function Name</i>	<i>D,S,A</i>	<i>Digital, Serial, Analog signal property definition.</i>
<b>Init_System</b>	D	Pulse to init the module
<b>Enable_Polling</b>	D	Set 1 to enable polling for alarm and live status reporting
<b>Btn_Power_On_System</b>	D	Pulse to power ON device.
<b>Btn_Power_Off_System</b>	D	Pulse to power OFF device.
<b>btn_Power_Toggle_System</b>	D	Pulse to change the current power state
<b>Rx\$</b>	S	Connect to RX of UDP Connection – ONLY SIMPL+ module



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<b>FEEDBACK:</b>		
<b>Init_System_Busy</b>	D	Indicates the system is initialize driver.
<b>fb_System_is_On</b>	D	Report On status of device
<b>fb_System_is_Off</b>	D	Report Off status of device
<b>Allarm_Output_Channel_X_Over_Temperature_Fault</b>	D	Indicates the channel X is report Over temperature Fault
<b>Allarm_Output_Channel_X_SAO_Thermal_Active</b>	D	Indicates the channel X SOA thermal is active
<b>Allarm_Output_Channel_X_Output_Clip</b>	D	Indicates the channel X output is clip state
<b>Tx\$</b>	S	Connect to TX\$ of UDP Connection – ONLY Simpl+ module



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<b>TESTING:</b>	
<b>OPS USED FOR TESTING:</b>	1.501.0105
<b>SIMPL WINDOWS USED FOR TESTING:</b>	4.08.15
<b>DEVICE DB USED FOR TESTING:</b>	89.00.003.00
<b>CRES DB USED FOR TESTING:</b>	65.00.006.00
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	1045
<b>SAMPLE PROGRAM:</b>	ca2404.smw
<b>REVISION HISTORY:</b>	1.0