



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

CONTACT SUPPORT:

COMPANY NAME:	Compostella Jimmy
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NOTES:	Module for control Quattrocanali Powersoft Audio amplifier

GENERAL INFORMATION

SIMPLWINDOWS NAME:	powersoft_CA-1604.umc
CATEGORY:	Powersoft
VERSION:	1.0
SUMMARY:	Module for control Duecanali Powersoft Audio amplifier
GENERAL NOTES:	Don't use broadcast address on UDP connection. Keep close Powersoft Armonia. ONLY FOR 3-Series processor
CRESTRON HARDWARE REQUIRED:	3-Series with Ethernet card installed
SETUP OF CRESTRON HARDWARE:	Connection: UDP on port 8002
VENDOR FIRMWARE:	(Very important to include this for device modules)
VENDOR SETUP:	DIN-AP3 connected to Duecanali with Cat5 cable trough ethernet switch.
CABLE DIAGRAM:	Use standard Cat 5 ethernet cable.



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CONTROL:

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



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



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TESTING:	
OPS USED FOR TESTING:	1.501.0105
SIMPL WINDOWS USED FOR TESTING:	4.08.15
DEVICE DB USED FOR TESTING:	89.00.003.00
CRES DB USED FOR TESTING:	65.00.006.00
SYMBOL LIBRARY USED FOR TESTING:	1045
SAMPLE PROGRAM:	ca1604.smw
REVISION HISTORY:	1.0