

Partner: APart
Model: ZONE 4
Device Type: PRE-AMP

**GENERAL INFORMATION:**

SIMPLWINDOWS NAME:	APart ZONE 4.umc
CATEGORY:	Pre-Amp
VERSION:	v1.0
SUMMARY:	The module allows full control of the APart ZONE 4.
GENERAL NOTES:	<p>The communication between Crestron and APart is made by a straight standard RS-232 connection.</p> <p>For each zone it is possible to:</p> <ul style="list-style-type: none">• Choose between the 4 sources (A-D)• Set music volume (including mute)• Set Mic mix level (including mute)• Set low tone value• Set high tone value
CRESTRON HARDWARE REQUIRED:	Processor with a RS-232 port to control the ZONE 4.
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	v1.0.1
VENDOR SETUP:	APart ZONE 4 connected to the Pro2 through RS-232.
CABLE DIAGRAM:	Standard Straight RS-232 Cable.

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CONTROL:

Select CHx Y	D	Pulse to select in zone x source Y
Select Volume CHx Mute	D	Pulse to mute the volume of Zone x
Select Mic CHx Mute	D	Pulse to mute the Mic mix level of Zone x
Zone x Volume Up	D	Pulse to increase the volume of zone x
Zone x Volume Down	D	Pulse to decrease the volume of zone x
Zone x Mic Up	D	Pulse to increase the Mic mix level of zone x
Zone x Mic Down	D	Pulse to decrease the Mic mix level of zone x
Zone x Tone Low Up	D	Pulse to increase the low tone in zone x
Zone x Tone Low Down	D	Pulse to decrease the low tone in zone x
Zone x Tone High Up	D	Pulse to increase the high tone in zone x
Zone x Tone High Down	D	Pulse to decrease the high tone in zone x
Power On	D	Pulse to Power On
Power Off	D	Pulse to Power Off
Read System Status	D	Pulse to read the system status
from Zone4	S	Needs to be connected to the RX from the connected COM port

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FEEDBACK:

CHx Y Is Selected	D	High to indicate that in zone x source Y is selected
CHx Volume Mute Is Selected	D	High to indicate that the Volume is muted in zone x
CHx Mic Mute Is Selected	D	High to indicate that the Mic Mix Level is muted in zone x
Chx Volume FB	A	Analog value containing the volume of Zone x
Chx Mic FB	A	Analog value containing the Mic mix level value of zone x
LowTone x	A	Analog value containing the low tone value of zone x
HighTone x	A	Analog value containing the high tone value of zone x
Power Is On	D	High to indicate that the Power Is On
Power Is Off	D	High to indicate that the Power Is Off
to Zone4	S	Needs to be connected to the TX from the connected COM port.

TESTING:

OPS USED FOR TESTING:	PRO2 4.001.1011 (Feb 10 2009)
SIMPL WINDOWS USED FOR TESTING:	v2.11.18
CRESTRON DB USED FOR TESTING:	v20.05.022.00
DEVICE DB USED FOR TESTING:	v21.00.007.00
SAMPLE PROGRAM:	Apart ZONE 4 v1.0 PRO2 DEMO.smw
REVISION HISTORY:	V. 1.0