

SIMPLWINDOWS NAME: Russound CP46 Zone Control

CATEGORY: Audio/Video PreAmp

VERSION: 1.0

SUMMARY: This module provides the commands available for any zone to the Russound CP 4.6

GENERAL NOTES: This module provides the zone functions that are available for the Russound CP 4.6. This module may be used without the Russound Feedback Processor. However, it will not provide true feedback if it is used without the Russound Feedback Processor.

For true feedback this module must be used with the Russound Feedback Processor module.

CRESTRON HARDWARE REQUIRED: ST-COM, CNXCOM

SETUP OF CRESTRON HARDWARE: The port should be set as follows:

Baud Rate - 4800
Parity - None
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: None

VENDOR SETUP: None

CABLE NUMBER: CNSP-121

CONTROL:

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| INITIALIZE_STATUS | D | Requests the status for the selected zone. Normally connected to a logo page button. This should be pulsed. |
| ZONE_ON | D | Turns the zone on. |
| ZONE_OFF | D | Turns the zone off. |
| ZONE_ON/OFF_TOGGLE | D | Toggles the zone on and off. |
| VOLUME_UP | D | Increases the volume. |
| VOLUME_DOWN | D | Decreases the volume. |
| BASS_UP | D | Increases the bass level. |
| BASS_DOWN | D | Decreases the bass level. |
| TREBLE_UP | D | Increases the treble level. |
| TREBLE_DOWN | D | Decreases the treble level. |
| SOURCE_1 | D | Selects source number 1 as the active source. |
| SOURCE_2 | D | Selects source number 2 as the active source. |
| SOURCE_3 | D | Selects source number 3 as the active source. |
| SOURCE_4 | D | Selects source number 4 as the active source. |
| SOURCE_5 | D | Selects source number 5 as the active source. |
| SOURCE_6 | D | Selects source number 6 as the active source. |
| PRESET | D | Recalls the preset for the zone. The preset must be set up at the front panel of the CP 4.6. |

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| BASS_LEVEL_FLAT | D | Sets the bass level to 50%. |
| TREBLE_LEVEL_FLAT | D | Sets the treble level to 50%. |
| LOUDNESS_ON | D | Turns the loudness on for the zone. |
| LOUDNESS_OFF | D | Turns the loudness off for the zone. |
| LOUDNESS_ON/OFF_TOGGLE | D | Toggles the loudness on and off for the zone. |
| FROM_FEEDBACK_PROCESSOR\$ | S | RS-232 string input to module from the feedback processor module. |
| ZONE_NUMBER(01-16) | P | Number for the zone you want to control. If less than zone 10 must have leading zero. I.e. 01 |

FEEDBACK:

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| ZONES_ON-FB | D | High when the zone is on. |
| ZONES_OFF-FB | D | High when the zone is off. |
| SOURCE_1-FB | D | High when source number 1 is the active source. |
| SOURCE_2-FB | D | High when source number 2 is the active source. |
| SOURCE_3-FB | D | High when source number 3 is the active source. |
| SOURCE_4-FB | D | High when source number 4 is the active source. |
| SOURCE_5-FB | D | High when source number 5 is the active source. |
| SOURCE_6-FB | D | High when source number 6 is the active source. |
| LOUDNESS_ON-FB | D | High when the loudness is on for the zone. |
| LOUDNESS_OFF-FB | D | High when the loudness is off for the zone. |
| VOLUME_LEVEL | A | Volume level to be routed to an analog gauge. |
| BASS_LEVEL | A | Bass level to be routed to an analog gauge. |
| TREBLE_LEVEL | A | Treble level to be routed to an analog gauge. |
| RUSSOUND_TX\$ | S | String to send commands to russound unit. |

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| OPS USED FOR TESTING: | 5.11.47x |
| COMPILER USED FOR TESTING: | SimplWindows Version 1.52.01 |
| SAMPLE PROGRAM: | Russound CP46 Demo Program |
| REVISION HISTORY: | None |