



Manufacturer: World Wide Programming B.V.
Model: WWP AV Bus v1.0
Device Type: Software module - WWP Home Config

CONTACT SUPPORT: (please fill out carefully)

COMPANY NAME:	World Wide Programming B.V.
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NOTES:	Website: https://www.worldwideprogramming.nl . Support in English and Dutch; please include the processor model, firmware and the Status / License_Status text of WWP Core.

GENERAL INFORMATION

SIMPLWINDOWS NAME:	WWP AV Bus v1.0
CATEGORY:	Media Distribution
VERSION:	1.0
SUMMARY:	Connects WWP Home Config to TV or audio zones: power, source, volume and mute per zone (hardware number), with feedback. Use one instance for TVs (Kind 1) and one for audio zones (Kind 2).
GENERAL NOTES:	One instance per hardware block (more instances with a different Hw_Offset for larger systems). Feedback inputs are optional: without feedback the module assumes a command succeeded; with feedback, the feedback wins. Source[n] = the input number of the selected source from the configuration sources list. Volume 0-65535, Mute high = muted. Volume / mute feedback is optional. Requirements: WWP Core (once per program) and the SIMPL# library WwpConfig.clz in the same folder as the program. All WWP modules communicate with each other inside the processor; no extra wiring between modules is needed. Start-up: the module does not send any commands to devices at boot. After the configuration is loaded it only publishes the current state (names, visibility, feedback) so panels and logic are correct straight away. Licensing: part of the commercial WWP Home Config package (licenses S / M / L, 7-day trial per processor). See "WWP Home Config v1.0 Help.pdf" for the complete system description.
CRESTRON HARDWARE REQUIRED:	4-Series control system (developed and tested on RMC4). 3-Series is not



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	supported.
SETUP OF CRESTRON HARDWARE:	4-Series control system. Copy WwpConfig.clz next to the .smw program, add WWP Core once, then add the WWP modules you need. Load the program, open the web configuration (<a href="http://<processor-ip>:8090/">http://<processor-ip>:8090/) and enter the rooms, devices and panels.
VENDOR FIRMWARE:	N/A - software module (no third-party device).
VENDOR SETUP:	In the web configuration: Sources (name, input number, optional remote and media player) and Rooms > TV / Audio (hw, available sources, volume control).
CABLE DIAGRAM:	N/A - logic module, no device connection.

CONTROL:

<u>Signal/Function Name</u>	<u>D,S,A</u> <u>Digital, Serial, Analog signal property - description</u>
Power_Fb[1-100]	D High = zone n is on.
Mute_Fb[1-100]	D High = zone n is muted (optional).
Source_Fb[1-100]	A Input number currently selected on zone n.
Volume_Fb[1-100]	A Volume of zone n, 0-65535 (optional).

FEEDBACK:

Power_On[1-100]	D Pulse: switch zone n on.
Power_Off[1-100]	D Pulse: switch zone n off.
Mute[1-100]	D High = mute zone n.
Source[1-100]	A Input number to select on zone n.
Volume[1-100]	A Volume for zone n, 0-65535.



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PARAMETERS:

Kind	A 1 = TV zones, 2 = audio zones.
Hw_Offset	A 0 = hw 1-100, 100 = hw 101-200 ...

TESTING: (please fill out carefully)

OPS USED FOR TESTING:	RMC4 - firmware 2.8005.00031
SIMPL WINDOWS USED FOR TESTING:	4.3200.02.01
DEVICE DB USED FOR TESTING:	200.470.001.00
CRES DB USED FOR TESTING:	228.60.002.00
SYMBOL LIBRARY USED FOR TESTING:	1244
SAMPLE PROGRAM:	WWP Software-InterfaceDemo (touch panel: WWPInterfaceDemo_v1.ch5z, contract WWPInterfaceDemo.chd)
REVISION HISTORY:	v1.0 - initial release.