



Manufacturer: World Wide Programming B.V.
Model: WWP Light 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 Light Bus v1.0
CATEGORY:	Lighting
VERSION:	1.0
SUMMARY:	Connects WWP Home Config to your lighting system. Every light in the configuration has a hardware number (hw); this module outputs on/off and level per hw number and takes the feedback back, so lights, room scenes, house scenes, keypads and panels stay in sync.
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. Hw_Offset 0 = hw 1-250, 250 = hw 251-500, etc. Light_On[n] is a level-type output (high = on) for on/off circuits; Level[n] (0-65535) for dimmers. Wire Level_Fb[n] (dimmers) or Light_On_Fb[n] (relays) back from the lighting system. 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.



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CRESTRON HARDWARE REQUIRED:	4-Series control system (developed and tested on RMC4). 3-Series is not 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: Rooms > Lights - name, type (dimmer / switch) and Light bus hw per light. The On/Off test buttons drive the output directly for commissioning.
CABLE DIAGRAM:	N/A - logic module, no device connection.

CONTROL:

<u>Signal/Function Name</u>	<u>D,S,A</u> <u>Digital, Serial, Analog</u> <u>signal property - description</u>
Light_On_Fb[1-250]	D Feedback from the lighting system: high = light n is on (for on/off circuits).
Level_Fb[1-250]	A Feedback from the lighting system: level of light n, 0-65535.

FEEDBACK:

Light_On[1-250]	D High = switch light n on, low = off.
Level[1-250]	A Level for light n, 0-65535.



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PARAMETERS:

Hw_Offset	A	First hw number minus 1 handled by this instance: 0 = hw 1-250, 250 = hw 251-500 ...
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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: WWPIInterfaceDemo_v1.ch5z, contract WWPIInterfaceDemo.chd)
REVISION HISTORY:	v1.0 - initial release.