



Manufacturer: World Wide Programming B.V.
Model: WWP Shade 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 Shade Bus v1.0
CATEGORY:	Shades / Drapes
VERSION:	1.0
SUMMARY:	Connects WWP Home Config to motorised shades, blinds and curtains: open / stop / close pulses and a position output per hardware number, with optional position feedback.
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. Open/Stop/Close are 200 ms pulses. Position and Position_Fb: 0 = closed, 65535 = open. Shades of type "updown" (no position) only use the Open/Stop/Close outputs. 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 > Shades - name, Shade bus hw and type (position / updown).
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>
Position_Fb[1-100]	A Position feedback of shade n, 0 = closed, 65535 = open (optional).

FEEDBACK:

Shade_Open[1-100]	D 200 ms pulse: open shade n.
Shade_Stop[1-100]	D 200 ms pulse: stop shade n.
Shade_Close[1-100]	D 200 ms pulse: close shade n.
Position[1-100]	A Requested position for shade n, 0 = closed, 65535 = open.



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HELP FILE DOCUMENT

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PARAMETERS:

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
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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.