



Manufacturer: World Wide Programming B.V.
Model: WWP Keypad 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 Keypad Bus v1.0
CATEGORY:	Keypads
VERSION:	1.0
SUMMARY:	Connects up to 20 keypads (12 buttons each) per instance to WWP Home Config. What each button does - room scene, on, off, toggle, raise, lower, house scene or house off - is set in the web configuration; the LEDs follow the real state.
GENERAL NOTES:	Keypad k, button b = Press / Led[(k - Keypad_Offset - 1) * 12 + b]. Keypads work independently of the panel license. 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 supported.



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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: Keypads - keypad number, room and the action per button (or the default button layout).
CABLE DIAGRAM:	N/A - logic module, no device connection.

CONTROL:

Signal/Function Name

D,S,A Digital, Serial, Analog signal property - description

Press[1-240]

D Button press from the keypad (high while pressed; used for raise / lower).

FEEDBACK:

Led[1-240]

D Button LED: high = the action of that button is active (e.g. scene active, light on).

PARAMETERS:

Keypad_Offset

A 0 = keypads 1-20, 20 = keypads 21-40, 40 = keypads 41-60 ...



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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.