



Manufacturer: World Wide Programming B.V.
Model: WWP Climate 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 Climate Bus v1.0
CATEGORY:	HVAC
VERSION:	1.0
SUMMARY:	Connects WWP Home Config to the climate controllers of the rooms: setpoint and heat / cool mode out, setpoint, temperature, mode and actual heating / cooling state back.
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. All temperatures are in tenths of a degree C (215 = 21.5 C). The SIMPL program / thermostat stays master of the setpoint: the panels only show Setpoint_Fb. Mode / Mode_Fb: 1 = heat, 2 = cool, 0 = unknown. 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 (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 > Climate - Climate bus hw and whether the room has heat / cool selection.
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>
Setpoint_Fb[1-100]	A Current setpoint of climate hw n (tenths of C).
Temperature_Fb[1-100]	A Measured room temperature of climate hw n (tenths of C).
Mode_Fb[1-100]	A Current mode: 1 = heat, 2 = cool, 0 = unknown.
Heating_Fb[1-100]	D High while the heating output is really active (shown as "Heating" on the panel).
Cooling_Fb[1-100]	D High while the cooling output is really active (shown as "Cooling").

FEEDBACK:

Setpoint[1-100]	A New setpoint requested from a panel (tenths of C). Sent once per change.
Mode[1-100]	A Requested mode: 1 = heat, 2 = cool.

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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

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.