



Multi-Link Pro Quick Start Guide

Installation Materials Required

- 3/8" Nylobrade Tubing (for Chemical pick-up and Dispenser to Washer supply)
- 1/2" Nylobrade Tubing (for Water supply)
- 4-Cond Cable, 20-22 AWG, Shielded
- Drum wands with check valve
- Clamps
- Mounting Anchors/Screws
- (4) 1" Pipe stands or (2) 2"x4" x 30" L (for mounting panel to wall)
- Calibration Cylinder

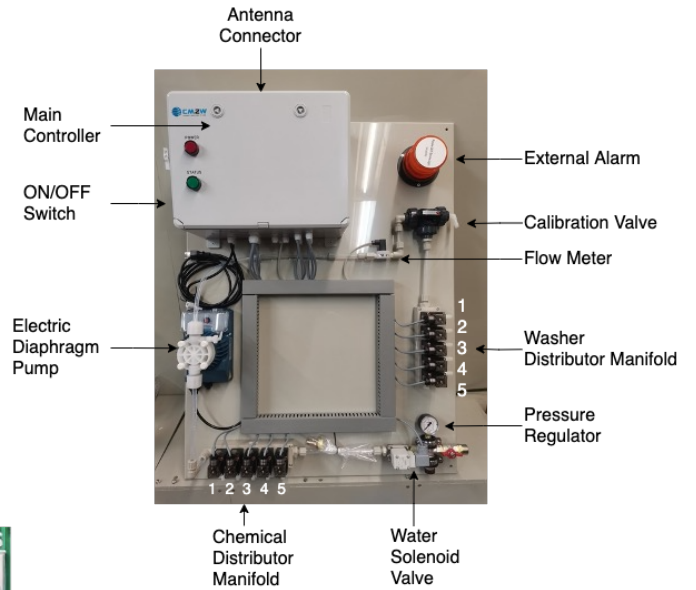


Figure 1 – Panel Overview

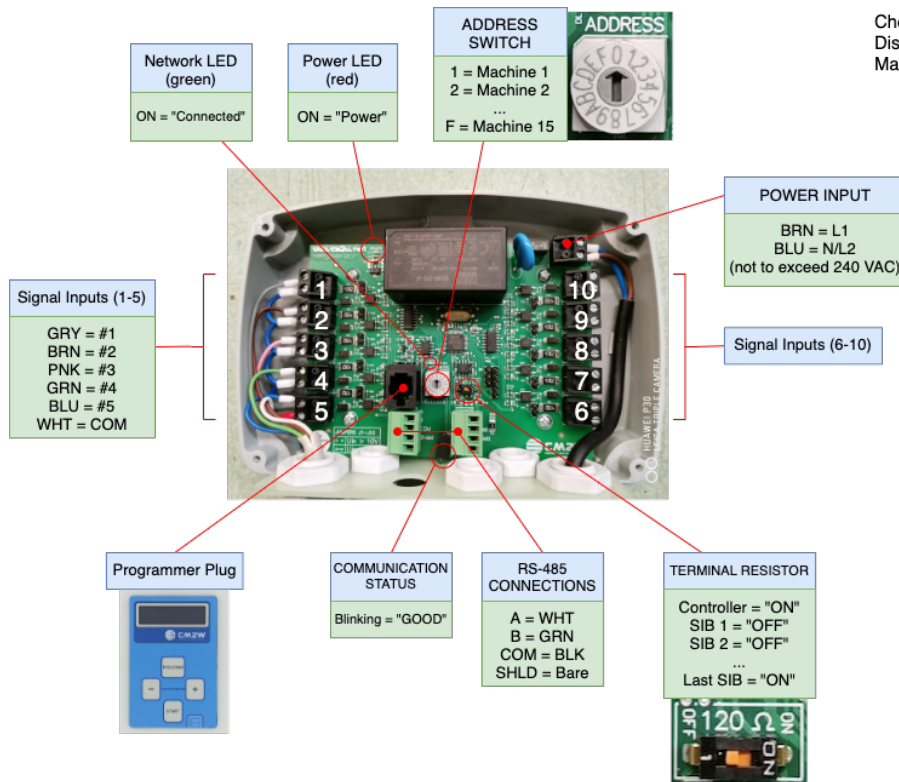
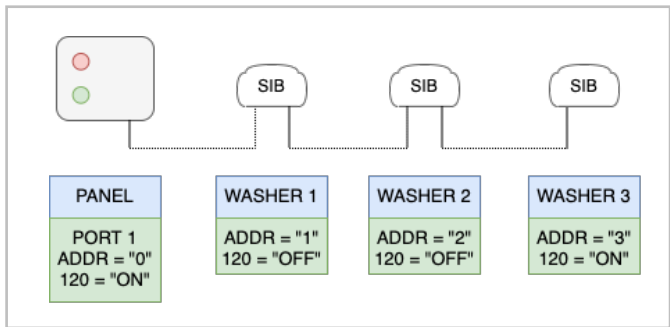


Figure 2 – SIB Overview

Figure 3 – Connection Overview (3 washer example)





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HW Installation Procedure

Step	Description	Detail
1	Unpack	<ul style="list-style-type: none"> Verify that all interface boxes are present, along with installation materials
2	Mount Panel	<ul style="list-style-type: none"> Spacers between panel and wall are recommended Ideally the panel is mounted directly above chemical containers
3	Plug and Power	<ul style="list-style-type: none"> Connect antenna Plug unit into outlet and turn unit ON via switch on the side
4	Mount Signal Interface Boxes (SIB)	<ul style="list-style-type: none"> Mount SIB to the back/side of each washer
5	Wire SIB Power	<ul style="list-style-type: none"> (L1, N/L2 – Not to exceed 240 VAC)
6	Wire Washer Signals to SIB	<ul style="list-style-type: none"> (GRY = 1, BRN = 2, PNK = 3, GRN = 4, BLU = 5, WHT = Common)
7	Wire SIB Communications	<ul style="list-style-type: none"> (WHT = A, GRN = B, BLK = COM, BARE = SHLD) Starting from Port 1 in the Controller, daisy-chain each SIB Turn on 120 Ohm load resistor in the Controller, and in the last SIB
8	Install Water Supply Tubing	<ul style="list-style-type: none"> Connect to cold water source (tempered water is recommended)
9	Install Washer Tubing	<ul style="list-style-type: none"> Match machine valve to washer number
10	Install Pickup Tubing	<ul style="list-style-type: none"> Match chemical to appropriate valve A check valve in the mating cap or drum wand is required
11	Turn water ON	<ul style="list-style-type: none"> Verify no leaks on the inlet fitting and adjust pressure regulator as needed
12	Switch Calibration Valve	<ul style="list-style-type: none"> Rotate calibration valve handle such that the arrows are pointing to the source, and the calibration port (< ^ ->)
13	Prime Water	<ul style="list-style-type: none"> Using the Programmer... Press and hold “Program” button until you see “Priming Group 1 (ready) Use “-“ button to select [Water] and press “Start” to begin, “Program” button to stop
14	Prime Chemicals	<ul style="list-style-type: none"> Prime chemicals up to the chemical valve It is recommended to flush (prime) the system with water in between each chemical
15	Calibrate Water	<ul style="list-style-type: none"> Using the Programmer... Requires enabling Keyboard Calibration first! System will run for 60 seconds, then prompt the User to enter the amount measured in oz
16	Calibrate Chemicals	<ul style="list-style-type: none"> Prime chemicals up to the chemical valve It is required to flush (prime) the system with water in between each chemical
17	Switch Calibration Valve	<ul style="list-style-type: none"> Rotate calibration valve handle such that the arrows are pointing to the source, and the washer valves (< ^ v)

Software Setup Procedure

Step	Description	Detail
1	Create Facility	<ul style="list-style-type: none"> Edit Facility and enter address
2	Load Products	<ul style="list-style-type: none"> via Products tab -> + Quick Add
3	Add Device	<ul style="list-style-type: none"> via Devices tab -> + Add [Multi-system, Name and S/N (beginning with “W”)]
4	Add User Access	<ul style="list-style-type: none"> via User Access tab
5	Add Subscribers to Notifications	<ul style="list-style-type: none"> via Subscribers tab
6	Check Device Status	<ul style="list-style-type: none"> via Devices tab -> click on device
7	Enter Device Settings	<ul style="list-style-type: none"> General Wash extractor -> Enable each washer, enter size, flush amount, and AFS signal Dosing Group -> Shared pump, pump OFF, ach. Flow rate, water flush etc. Pump -> Add chemical product to each Pump via + Add
8	Enter Device Programs (Formulas)	<ul style="list-style-type: none"> Enter AFS Signal and time, Signal Steps and Chemical amounts for each step Copy formulas and add/remove steps
9	Verify System	<ul style="list-style-type: none"> Run formulas on the machine and verify system dispenses