

# Programming the Electronic Timer 600 30513

Disclaimer: All repairs and adjustments MUST be carried out by a suitably qualified technician in accordance with local regulations.

GE, GLV, (XP-3, XM, M1-4), XL-2, UDC, (PW1-4, PW2-4), (AL8-4, PW3 (E)), AL8-C, (PW1-C, PW2-C), PW3-C, and TW2

These models utilise the electronic controller and rely of some non-default settings. In particular, the Cycle activation method.

Due to the default setting of button start, to prevent Auto Start of a cycle when powered on drain the wash tank of any water and leave the door ajar (not closed all the way). Programming can be achieved if the wash tank is EMPTY of water prior to replacing PCB and the door left ajar (not closed) as the unit will need to fill (unable with door open) prior to a cycle being able to start.

**SAFETY NOTE:** It is necessary to power the unit on to activate the PCB and make programming possible. Be cautious when touching the PCB to only make contact with the plastic pushbuttons to prevent Shock and INJURY.



See Below pages:

<a href="#">Page 2: GE model programming</a>	<a href="#">Page 16: AL8(4), PW3(E) model programming</a>
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<a href="#">Page 10: UDC-HK model programming</a>	<a href="#">Page 28: TW2 model programming</a>
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**NOTE:DEFAULT PROGRAMMING ON NEW AND REPLACEMENT BOARDS IS FOR THE XG, XV AND XU MODELS.**

**The above programming for these models is to return to the default board programming should it be changed.**

# Programming the GE




Diagram of the GE control panel. The 'Set Button' is highlighted with a red arrow. The display shows '5 4 3' and 'INPUTS'. Below the display, status indicators are shown: 'WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED', 'RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED', and 'DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED'.

MODELS		GE
DEFAULT		1
START		BUTTON
BREAK TANK		OFF
R1. WASH PUMP	ON	0
	OFF	37
R2. RINSE PUMP	ON	39
	OFF	50
R3. COLD RINSE	ON	50
	OFF	60
R4. CYCLE LIGHT & DRAIN PUMP^	ON	0
	OFF	60
R5. DETERGENT PUMP	ON	0**
	OFF	30**
R6. RINSE FLUID PUMP	ON	0**
	OFF	30**
MEDIUM - ADD		60***
LONG - ADD		120***

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

NOTE: If the buttons are not interacted with the setting access will exit and return to default screen saving any current changes. You may need to restart the step if this happens.

Step 2: Set Default Programming to #1. Press the set button once, the display should show Default #1, if not then press the up button once or twice to display default #1. Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Relay 1 OFF time. Press the set button 5 times until displaying Relay (1) OFF:, press the up or down button to change the timing to 37 seconds.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 39 seconds.



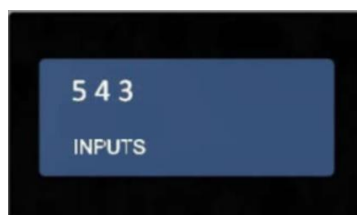
Step 5: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 50 seconds.



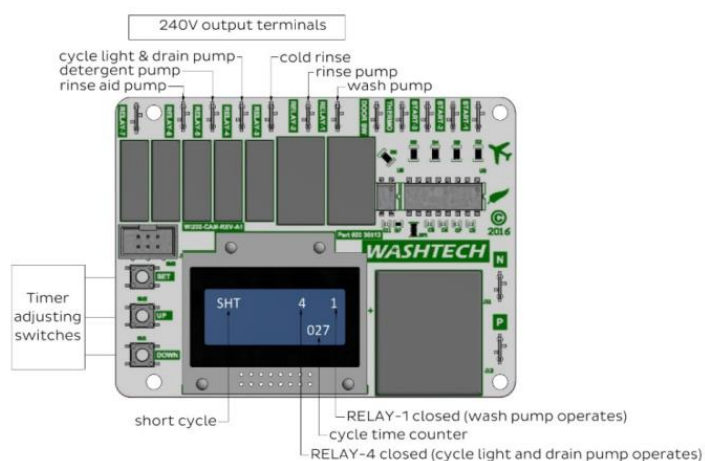
Step 6: Set Relay 3 **ON** time. Press the set button 1 time (or 8 times if returned to inputs) to advance to Relay (3) ON:, press the up or down button to change the timing to 50 seconds (This is correct, the Relay 3 ON time is the same as relay 2 OFF time of 50 Seconds).




Step 7: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 8 Turn off the power, close the door. Turn on unit and should operate correctly.



# Programming the GLV



Set Button

WASHTECH

5 4 3  
INPUTS

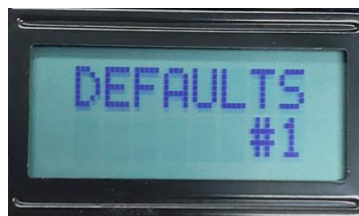
WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED  
RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED  
DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

MODELS		GLV
DEFAULT		1
START		BUTTON
BREAK TANK		OFF
R1. WASH PUMP	ON	0
	OFF	47
R2. RINSE PUMP	ON	49
	OFF	60
R3. COLD RINSE	ON	60
	OFF	60
R4. CYCLE LIGHT & DRAIN PUMP^	ON	0
	OFF	60
R5. DETERGENT PUMP	ON	0*
	OFF	30*
R6. RINSE FLUID PUMP	ON	0*
	OFF	30*
MEDIUM - ADD		90
LONG - ADD		120***

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

NOTE: If the buttons are not interacted with the setting access will exit and return to default screen saving any current changes. You may need to restart the step if this happens.

Step 2: Set Default Programming to #1. Press the set button once, the display should show Default #1, if not then press the up button once or twice to display default #1. Leave the display for 3-5 seconds and it will return to Inputs.

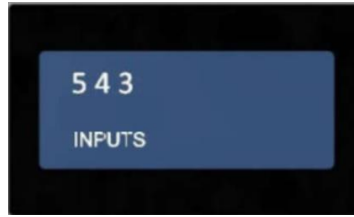


Step 3: Set Medium Cycle ADD time. Press the set button 16 times until displaying MEDIUM, press the up or down button to change the timing to 90 seconds.

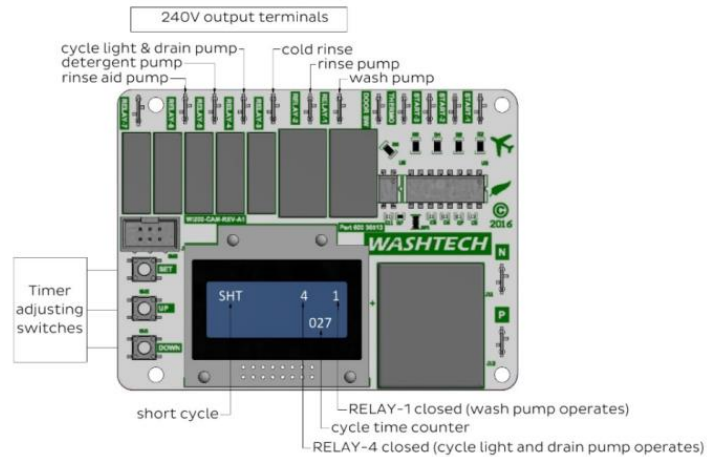


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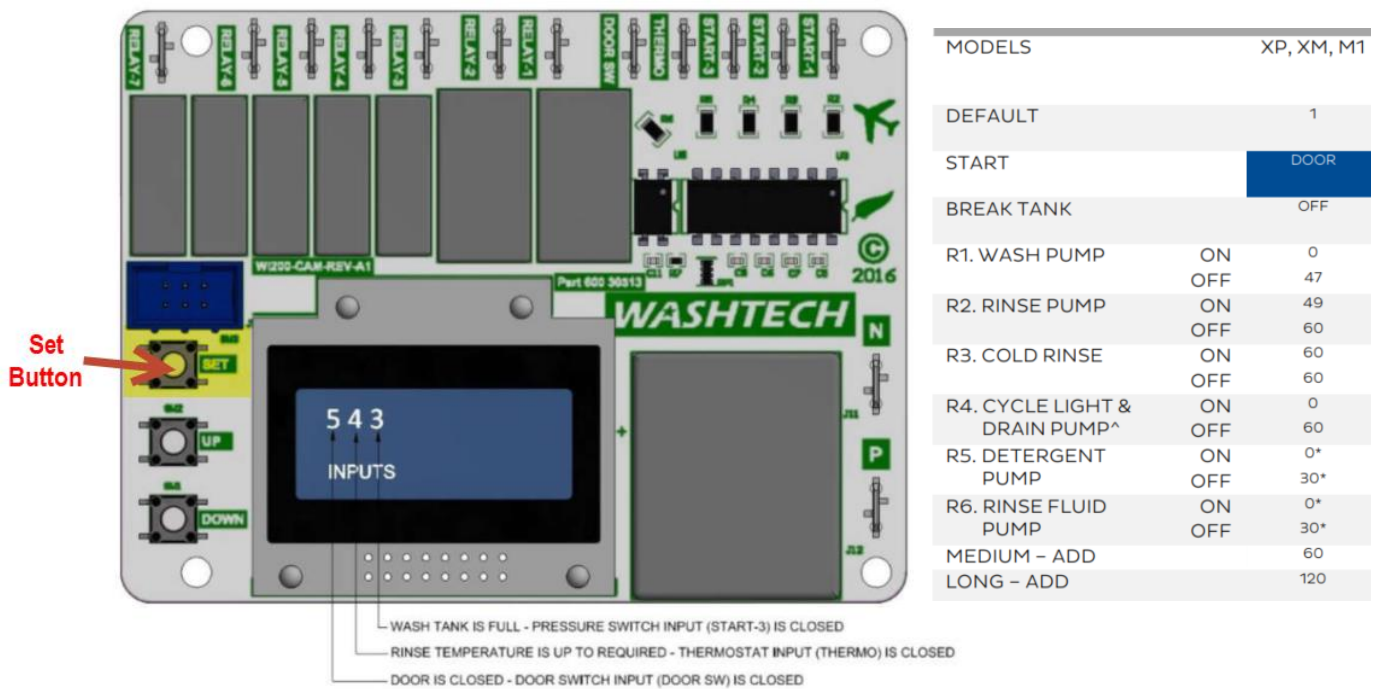
Step 4: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 5: Turn off the power, close the door. Turn on unit and should operate correctly.

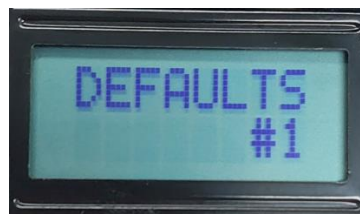


# Programming the XP(3), XM, M1(4)



Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#1**. Press the set button once, the display should show Default #1, if not then press the up button once or twice to display default #1. Leave the display for 3-5 seconds and it will return to Inputs.



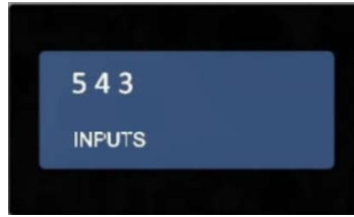
Step 3: Set Start method to **Door**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to change the display to Door Start.



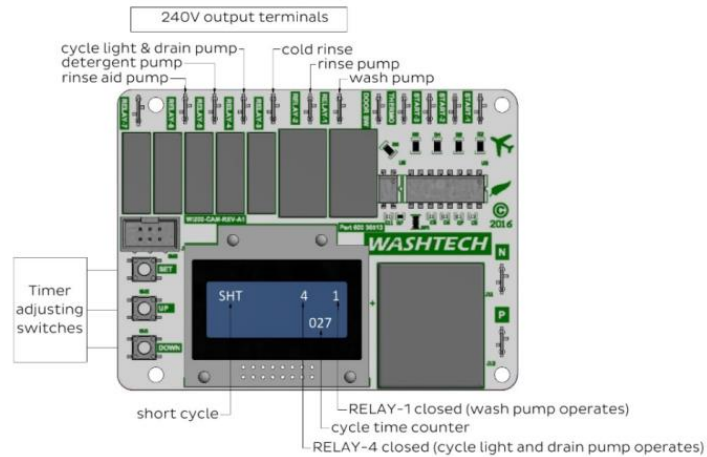
INSTRUCTIONS CONTINUED ON NEXT PAGE



Step 4: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 5: Turn off the power, close the door. Turn on unit and should operate correctly.



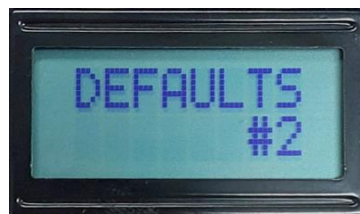
# Programming the XL



MODELS	XL
DEFAULT	2
START	DOOR
BREAK TANK	OFF
R1. WASH PUMP	ON 0
	OFF 27
R2. RINSE PUMP	ON 29
	OFF 40
R3. COLD RINSE	ON 40
	OFF 40
R4. CYCLE LIGHT & DRAIN PUMP^	ON 0
	OFF 40
R5. DETERGENT PUMP	ON 0*
	OFF 30*
R6. RINSE FLUID PUMP	ON 0*
	OFF 30*
MEDIUM - ADD	20
LONG - ADD	50

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#2**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #2. Leave the display for 3-5 seconds and it will return to Inputs.



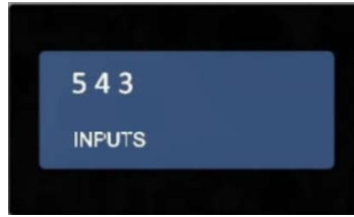
Step 3: Set Start method to **Door**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to change the display to Door Start.



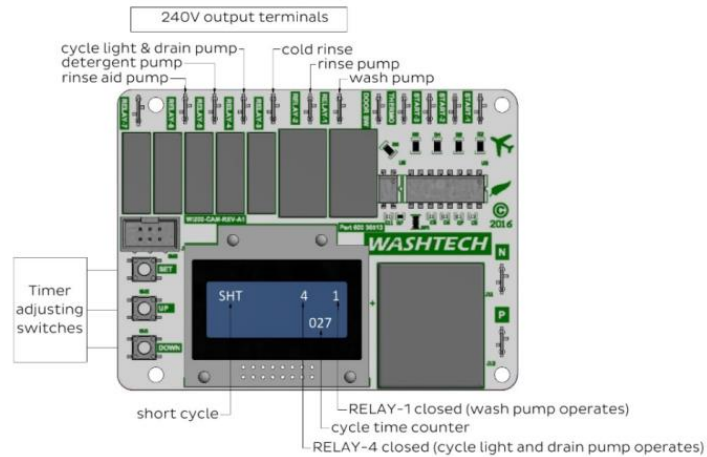
INSTRUCTIONS CONTINUED ON NEXT PAGE




Step 4: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 5: Turn off the power, close the door. Turn on unit and should operate correctly.



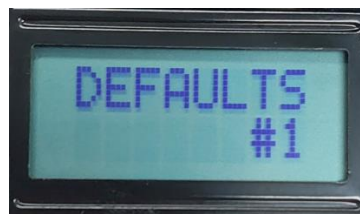
# Programming the UDC-HK



MODELS		UDC-HK
DEFAULT		1
START		BUTTON
BREAK TANK		ON
R1. WASH PUMP	ON	0
	OFF	62
R2. RINSE PUMP	ON	64
	OFF	80
R3. COLD RINSE	ON	0
	OFF	80
R4. CYCLE LIGHT & DRAIN PUMP^	ON	0
	OFF	80
R5. DETERGENT PUMP	ON	0
	OFF	30*
R6. RINSE FLUID PUMP	ON	0
	OFF	30*
MEDIUM - ADD		100
LONG - ADD		120***

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#1**. Press the set button once, the display should show Default #1, if not then press the up button once or twice to display default #1, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Break Tank to **ON**. Press the set button 3 times, Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 62 seconds.



Step 5: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 64 seconds.



Step 6: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 80 seconds.



Step 7: Set Relay3 **ON** time. Press the set button 1 time (or 8 times if returned to inputs) to advance to Relay (3) ON:, press the up or down button to change the timing to 0 seconds.



Step 8: Set Relay3 **OFF** time. Press the set button 1 time (or 9 times if returned to inputs) to advance to Relay (3) OFF:, press the up or down button to change the timing to 80 seconds.

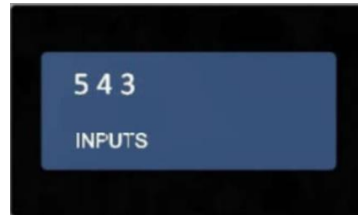


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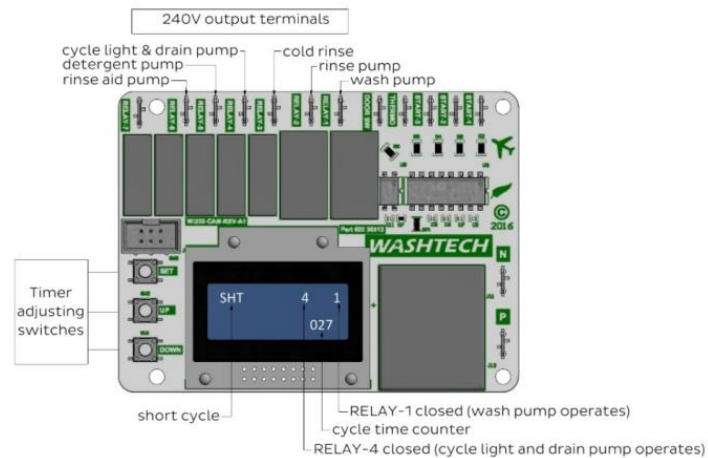
Step 9: Set Medium Cycle ADD time. Press the set button 7 times (or 16 times if returned to inputs) to advance to displaying MEDIUM, press the up or down button to change the timing to 100 seconds.




Step 10: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 11: Turn off the power, close the door. Turn on unit and should operate correctly.



# Programming the PW1(4), PW2(4)



MODELS		PW1	PW2
DEFAULT			3
START		SWITCH	
BREAK TANK		ON	
R1. WASH PUMP	ON	0	
	OFF	105	
R2. RINSE PUMP	ON	107	
	OFF	120	
R3. CONDENSER BOOST FAN	ON	120	
	OFF	120	
R4. DRAIN PUMP & MAIN FAN	ON	0	
	OFF	120	
R5. DETERGENT PUMP	ON	0*	
	OFF	30*	
R6. RINSE FLUID PUMP	ON	0*	
	OFF	30*	
MEDIUM - ADD		120	
LONG - ADD		240	

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#3**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #3, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Start method to **Switch**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to chance the display to Switch Start.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Break Tank to **ON**. Press the set button 1 time (or 3 times if returned to inputs), Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



Step 5: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 105 seconds.



Step 6: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 107 seconds.



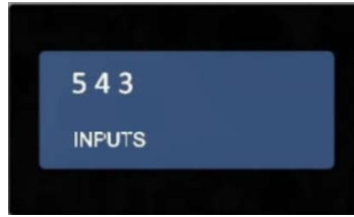
Step 7: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 120 seconds.



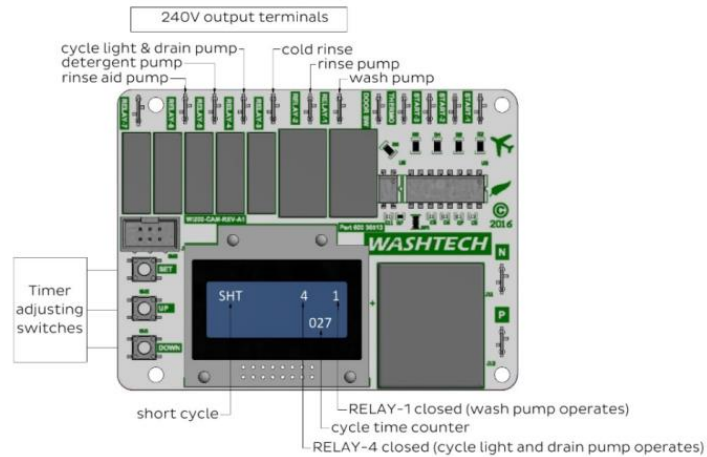
INSTRUCTIONS CONTINUED ON NEXT PAGE




Step 8: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 9: Turn off the power, close the door. Turn on unit and should operate correctly.



# Programming the AL8(4), PW3(E)



Set Button

WASHTECH

Part 600 30813

2016

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED

RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED

DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

MODELS	AL8	PW3
DEFAULT		3
START		DOOR
BREAK TANK		ON
R1. WASH PUMP	ON	0
	OFF	105
R2. RINSE PUMP	ON	107
	OFF	120
R3. CONDENSER BOOST FAN	ON	120
	OFF	120
R4. DRAIN PUMP & MAIN FAN	ON	0
	OFF	120
R5. DETERGENT PUMP	ON	0*
	OFF	30*
R6. RINSE FLUID PUMP	ON	0*
	OFF	30*
MEDIUM - ADD		120
LONG - ADD		240

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#3**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #3, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Start method to **Door**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to change the display to Door Start.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Break Tank to **ON**. Press the set button 1 time (or 3 times if returned to inputs), Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



Step 5: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 105 seconds.



Step 6: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 107 seconds.

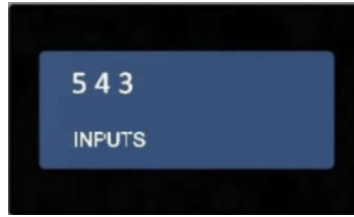


Step 7: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 120 seconds.

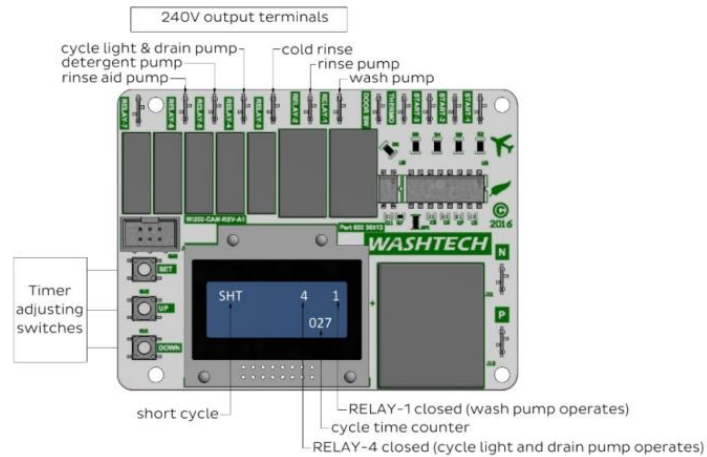


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Step 8: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 9: Turn off the power, close the door. Turn on unit and should operate correctly.



# Programming the AL8-C



MODELS		AL8C
DEFAULT		3
START		DOOR
BREAK TANK		ON
R1. WASH PUMP	ON	0
	OFF	90
R2. RINSE PUMP	ON	92
	OFF	120
R3. CONDENSER BOOST FAN	ON	85
	OFF	150
R4. DRAIN PUMP & MAIN FAN	ON	0
	OFF	150
R5. DETERGENT PUMP	ON	0*
	OFF	30*
R6. RINSE FLUID PUMP	ON	0*
	OFF	30*
MEDIUM - ADD		120
LONG - ADD		240

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#3**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #3, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Start method to **Door**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to change the display to Door Start.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Break Tank to **ON**. Press the set button 1 time (or 3 times if returned to inputs), Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



Step 5: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 90 seconds.



Step 6: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 92 seconds.



Step 7: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 120 seconds.



Step 8: Set Relay 3 **ON** time. Press the set button 1 times (or 8 times if returned to inputs) to advance to Relay (3) ON:, press the up or down button to change the timing to 85 seconds.



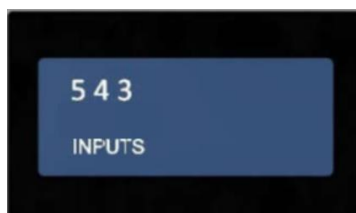
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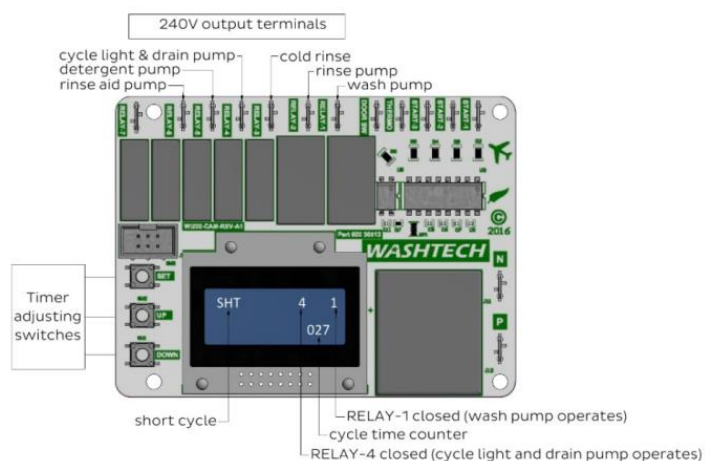
Step 9: Set Relay 3 **OFF** time. Press the set button 1 times (or 9 times if returned to inputs) to advance to Relay (3) OFF:, press the up or down button to change the timing to 150 seconds.




Step 9: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 10: Turn off the power, close the door. Turn on unit and should operate correctly.



# Programming the PW1-C, PW2-C



Set Button

WASHTECH

Part 600 30813

2016

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED  
RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED  
DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

MODELS		PW1C	PW2C
DEFAULT		3	
START		SWITCH	
BREAK TANK		ON	
R1. WASH PUMP	ON	0	
	OFF	90	
R2. RINSE PUMP	ON	92	
	OFF	120	
R3. CONDENSER BOOST FAN	ON	85	
	OFF	150	
R4. DRAIN PUMP & MAIN FAN	ON	0	
	OFF	150	
R5. DETERGENT PUMP	ON	0*	
	OFF	30*	
R6. RINSE FLUID PUMP	ON	0*	
	OFF	30*	
MEDIUM - ADD		120	
LONG - ADD		240	

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#3**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #3, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Start method to **SWITCH**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to change the display to Switch Start.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Break Tank to **ON**. Press the set button 1 time (or 3 times if returned to inputs), Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



Step 5: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 90 seconds.



Step 6: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 92 seconds.



Step 7: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 120 seconds.



Step 8: Set Relay 3 **ON** time. Press the set button 1 times (or 8 times if returned to inputs) to advance to Relay (3) ON:, press the up or down button to change the timing to 85 seconds.

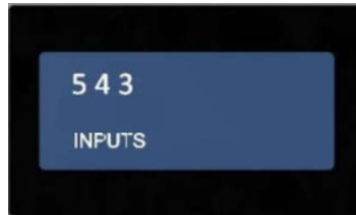


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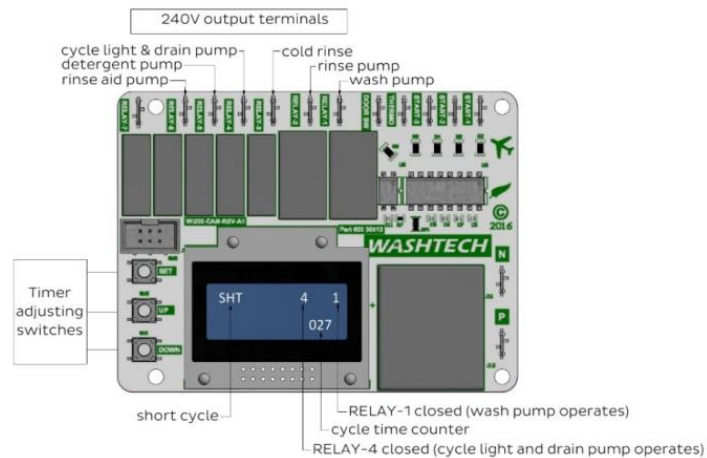
Step 9: Set Relay 3 **OFF** time. Press the set button 1 times (or 9 times if returned to inputs) to advance to Relay (3) OFF:, press the up or down button to change the timing to 150 seconds.




Step 10: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 11: Turn off the power, close the door. Turn on unit and should operate correctly.



# Programming the PW3-C



MODELS		PW3C
DEFAULT		3
START		SWITCH
BREAK TANK		ON
R1. WASH PUMP	ON	0
	OFF	105
R2. RINSE PUMP	ON	107
	OFF	120
R3. CONDENSER BOOST FAN	ON	100
	OFF	180
R4. DRAIN PUMP & MAIN FAN	ON	0
	OFF	180
R5. DETERGENT PUMP	ON	0*
	OFF	30*
R6. RINSE FLUID PUMP	ON	0*
	OFF	30*
MEDIUM - ADD		120
LONG - ADD		240

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#3**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #3, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Start method to **SWITCH**. Press the set button twice, display will show Button Start (possibly something else). Immediately press up or down once or twice to chance the display to Switch Start.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Break Tank to **ON**. Press the set button 1 time (or 3 times if returned to inputs), Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



Step 5: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 105 seconds.



Step 6: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 107 seconds.



Step 7: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 120 seconds.



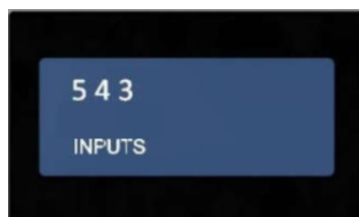
INSTRUCTIONS CONTINUED ON NEXT PAGE



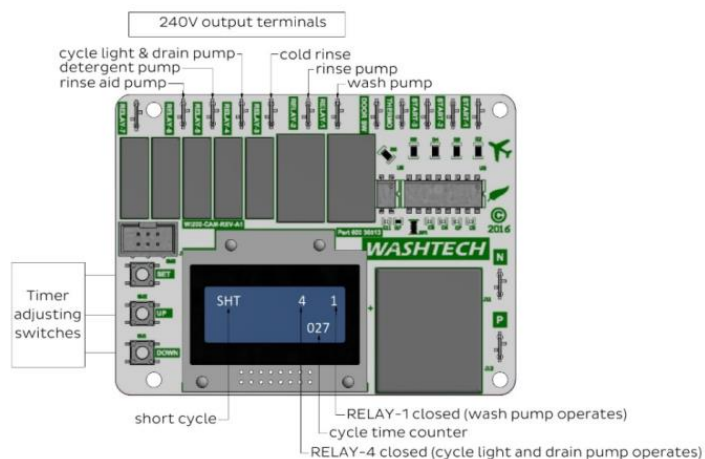
Step 9: Set Relay 3 **OFF** time. Press the set button 1 time (or 9 times if returned to inputs) to advance to Relay (3) OFF:, press the up or down button to change the timing to 180 seconds.




Step 10: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 11: Turn off the power, close the door. Turn on unit and should operate correctly.



# Programming the TW2



MODELS		TW2
DEFAULT		3
START		BUTTON
BREAK TANK		ON
R1. WASH PUMP	ON	0
	OFF	98
R2. RINSE PUMP	ON	105
	OFF	120
R3. CONDENSER BOOST FAN	ON	100
	OFF	105
R4. DRAIN PUMP & MAIN FAN	ON	0
	OFF	120
R5. DETERGENT PUMP	ON	0*
	OFF	30*
R6. RINSE FLUID PUMP	ON	0*
	OFF	30*
MEDIUM - ADD		120
LONG - ADD		240

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED  
 RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED  
 DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#3**. Press the set button once, the display should show Default #1, then press the up button once or twice to display default #3, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Set Break Tank to **ON**. Press the set button 1 time (or 3 times if returned to inputs), Display should show Break Tank OFF, immediately press the up or down button to change the display to Break Tank ON.



INSTRUCTIONS CONTINUED ON NEXT PAGE

Step 4: Set Relay 1 **OFF** time. Press the set button 2 times (or 5 times if returned to inputs) to advance to Relay (1) OFF:, press the up or down button to change the timing to 98 seconds.



Step 5: Set Relay 2 **ON** time. Press the set button 1 time (or 6 times if returned to inputs) to advance to Relay (2) ON:, press the up or down button to change the timing to 105 seconds.



Step 6: Set Relay 2 **OFF** time. Press the set button 1 time (or 7 times if returned to inputs) to advance to Relay (2) OFF:, press the up or down button to change the timing to 120 seconds.



Step 7: Set Relay 3 **ON** time. Press the set button 1 time (or 8 times if returned to inputs) to advance to Relay (3) ON:, press the up or down button to change the timing to 100 seconds.



Step 8: Set Relay 3 **OFF** time. Press the set button 1 time (or 9 times if returned to inputs) to advance to Relay (3) OFF:, press the up or down button to change the timing to 105 seconds.

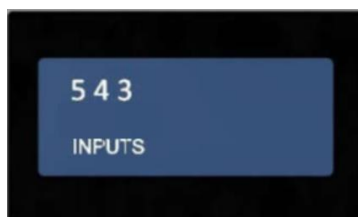


INSTRUCTIONS CONTINUED ON NEXT PAGE

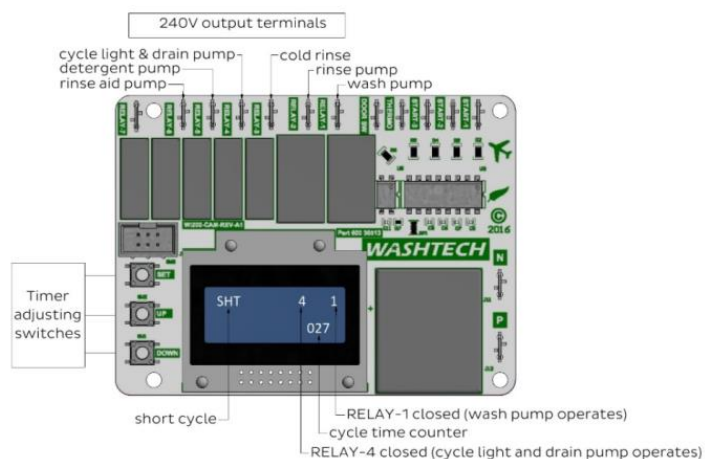
Step 9: Set Relay 4 **OFF** time. Press the set button 2 times (or 11 times if returned to inputs) to advance to Relay (4) OFF:, press the up or down button to change the timing to 120 seconds.




Step 10: Allow display to exit settings and return to Inputs. Do not touch the buttons for 3-5 seconds and confirm the display has returned to normal operation and displays Inputs in the bottom left.



Step 11: Turn off the power, close the door. Turn on unit and should operate correctly.



# Programming the XG, XV, XU



**Set Button**

5 4 3  
INPUTS

WASH TANK IS FULL - PRESSURE SWITCH INPUT (START-3) IS CLOSED  
RINSE TEMPERATURE IS UP TO REQUIRED - THERMOSTAT INPUT (THERMO) IS CLOSED  
DOOR IS CLOSED - DOOR SWITCH INPUT (DOOR SW) IS CLOSED

MODELS	XG	XU, XV, UDC-W, UDC-X
DEFAULT	1	1
START	BUTTON	BUTTON
BREAK TANK	OFF	OFF
R1. WASH PUMP	ON 0	0
	OFF 47	47
R2. RINSE PUMP	ON 49	49
	OFF 60	60
R3. COLD RINSE	ON 60	60
	OFF 60	60
R4. CYCLE LIGHT & DRAIN PUMP^	ON 0	0
	OFF 60	60
R5. DETERGENT PUMP	ON 0	0*
	OFF 30**	30*
R6. RINSE FLUID PUMP	ON 0*	0*
	OFF 30*	30*
MEDIUM - ADD	60***	60
LONG - ADD	120***	120***

Step 1: Turn power on to the unit (Remember to empty water from wash tank and leave door ajar), the display should show inputs and a series on numbers in top left corner (Example in image above).

Step 2: Set Default Programming to **#1**. Press the set button once, the display should show Default #1, If not then press the up button once or twice to display default #1, Leave the display for 3-5 seconds and it will return to Inputs.



Step 3: Turn off the power, close the door. Turn on unit and should operate correctly.

