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W50 ST3A PLC Programming



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Connect the main cable and make sure that the floating cable (umbilical cable) is connected at the transformer box.

Move the power switch to position “ON”. (It takes approx. 10 seconds to load)

1. Select Language

First display.



Touch the “WEDA” logo.



Press “Language”



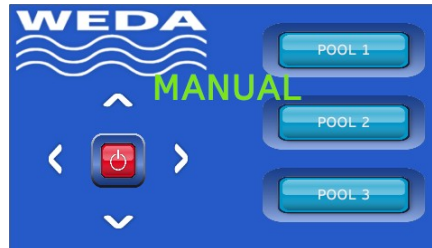
Select language

Press EXIT when the desired language is chosen

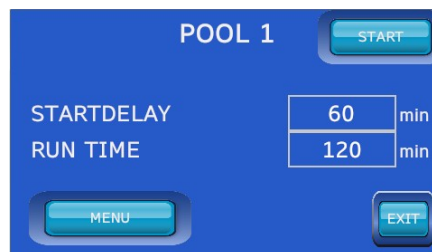


2. Select Pool 1,2 or 3

The cleaner may now be used in manual mode with the remote control and/or from the touch display on the transformer box. When the cleaner is used in manual mode “Manual” is flashing on the screen on a blue background.



3. Set the Timer Delay and Run Time



Press the desired box and the display below appears.



Make the desired settings on the number display.

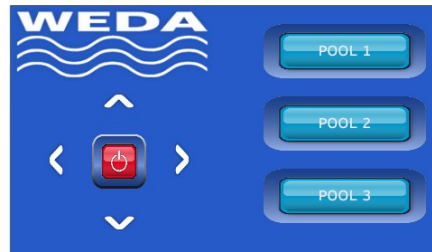
If corrections are needed press **Clr**

Finish by pressing **Ent** (enter).

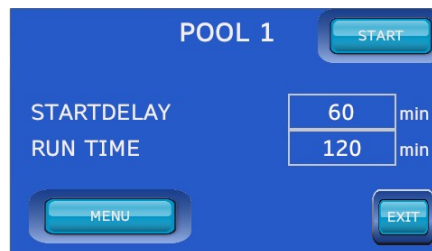


4. Specific settings

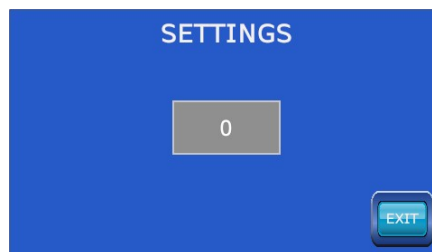
Select **POOL**



Select **MENU**



Press the digit box **0**



Enter the four digit code



(Factory set code 9332)



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Enter the settings, one at a time

(see setting details below)

SETTINGS POOL 1			
PUSH UP		<input type="text" value="2"/>	0,1 sec
OVERLAP	F	<input type="text" value="1"/>	R <input type="text" value="5"/>
DISTANCE	F	<input type="text" value="30"/>	R <input type="text" value="30"/> sec
MIRROR		<input type="text" value="30"/>	min
BELT PROTECTION		<input type="text" value="OFF"/>	

PUSH UP The entered value multiplied by 0.1 sec. sets the time the cleaner will continue in the same direction *after* the sensor has indicated. When the PUSH UP time has run out the cleaner will change direction.

OVERLAP Sets the turning angle (in the Front or Rear) that the cleaner will make at the wall.(lower value => smaller turn)

DISTANCE Running time in one direction before the cleaner will change direction without any indication from any of the sensors. F=Front end R=Rear end. 10 sec equals approx 2 meters.

MIRROR Sets the time before the cleaner mirrors the cleaning pattern.

BELT PROTECTION “ON” or “OFF”

“ON” will bring the cleaner to a complete stop after 5 minutes if there has been no indication from the sensor.



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Pressing the small arrow in the upper right corner moves you to Setting Pool 2...

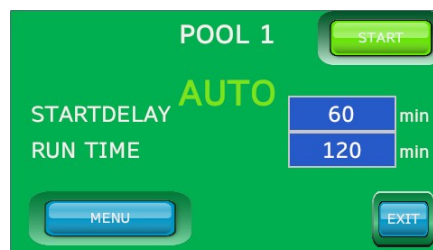
When all the above values are entered go back to the screen below by using the **EXIT** button, then select the desired **POOL**.



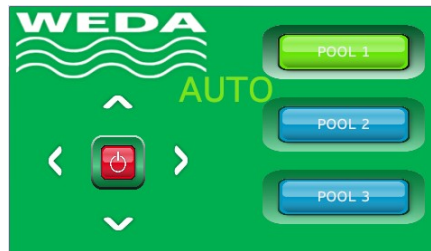
Now, drive the cleaner to the desired starting position. Keep in mind that the cleaner will move (turn) to the right if the cleaner is placed with the rear against the wall. (of no importance if the cleaner is equipped with side sensors)

Press **START**

The cleaner will now either start immediately or after the Start Delay Time has run out.



Press **EXIT**



When the cleaner runs in the “AUTO” mode the screen turns to green with the word “AUTO” in the center.

IMPORTANT INFORMATION

Per definition the rear end of the cleaner is the end where the cable goes out.

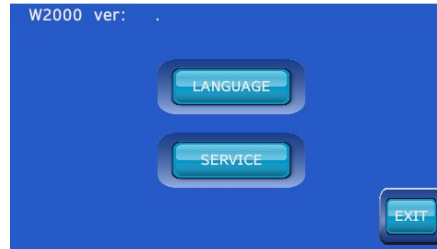
If Forwards or Backwards on the remote control or the touch display is pressed during the “AUTO” mode the cleaner moves to “MANUAL” mode and turns itself off.

If Left or Right on the remote control or the touch display is pressed during the “AUTO” mode the cleaner stays in automatic mode and keeps the original settings.

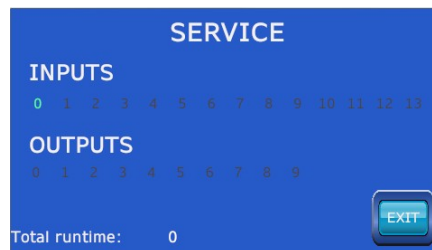
To go to double speed press Forwards or Backwards and keep depressed. The cleaner returns to normal speed when the button is released.

5. Service

Go to the screen below.



Press **SERVICE**



This screen gives you the following information:

INPUTS: Shows the functions used on the remote control/
touch display or automatic mode

OUTPUTS: Shows the different sensors on the cleaner that
are activated.

Total run time: Shows the total running time in hours since
the last service was performed.