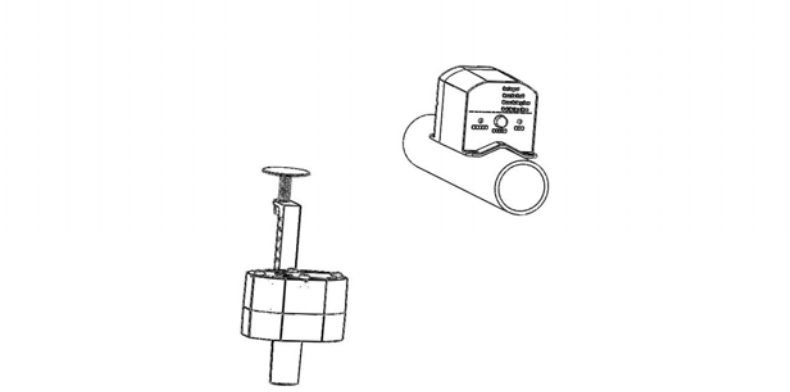
OWNERS MANUAL
MODEL WS-2000

SMART METER™ FILL SYSTEM

Model # WS-2000
Wireless Water Auto-Leveler System



Read ALL INSTRUCTIONS BEFORE setting up and using this product

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1. QUICK REFERENCE GUIDE

1.1 The SmartMeter Fill System™ has two modes of operation.

MODE 1 provides a continuous auto-fill function. Mode 1 measures water level and updates Water Valve every 10 minutes, 24 hours a day.

Mode 2 "sleeps for 23 hours each day and only takes measurements during one hour of "wake" time. During the fill cycle "wake" hour, water level measurements and Water Valve updates occur 6 times, once every 10 minutes. During installation the fill cycle "wake" hour is predetermined and programmed by you.

1.2 RECEIVER PROGRAMMING

1.) Put batteries in POD sensor
2.) Mount POD in position at operational level in pool
3.) Put batteries in Valve controller
4.) Find best Signal. GREEN BARS= Good. RED+GREEN = No signal
5.) Mount Valve Controller
6.) Plumb in Valve
7.) Connect Valve to the Valve Controller using 18GA wire
8.) For MODE 1 continous autofill mode simply press the RESET button once and STOP. Set level measures set level 11 times as seen by green light flashes. Then the RED light comes on for 1 minute. Then sleep time
9.) For MODE 2 users. After you have pressed RESET button once the POD sensor recorded set level for 11 seconds. A green light flashed 11 times to indicate POD sensor water set level measures. Zero time was recorded. A RED LED is now on for 1 minute waiting for you to set the hour of fill operations under MODE2
10.) Before the one minute is up PRESS the RESET button once(1) for each hour later from zero time you want the fill mode to begin. Each button press after the first button press gives you one hour later. You have 30 seconds to keep going after the last button press.
11.) 30 Seconds after last button press in step 9a the red light will go out and the green light will flash the number of hours of delay from start time to confirm the right fill cycle time.

NOTE:
IF the time is not right in step 10 above you will need to re-start programming over by removing power to both the Pod and Valve Controller.

2. Testing The SmartMeter Fill System Functional Testing in FAST MODE

This procedure describes a Full Functional Testing of the SmartMeter Fill System.

This procedure can be used to test the SmartMeter at any time. The FAST MODE described here is for testing or demonstrations of the SmartMeter. The battery life will only be a few days when operated in this mode.

Full Functional Testing can be done by shorting pin 4 (Yellow/ID) and pin 5 (Black/GND) of power/usb header after you power up the POD sensor and Valve Controller. PIN #1 is RED/+ power. Momentarily short or jumper the #4 (yellow) and #5 (black) wires to enter “fast” mode AFTER the green light shows that you are receiving signal from the POD sensor. Following is a procedure that takes a couple of minutes to accomplish and fully tests the function of the SmartMeter.

a. Make sure solenoid plunger is “in” or retracted or in the “on” position.
b. Put power to Valve Controller and insure solenoid off pulse at power up pushes plunger “out” or to the “off” position.
c. Insure green and red no signal lights on Valve controller as POD has no power at this point.
d. Apply power to POD sensor
e. Insure green signal strength indicator lights on Valve controller
f. Short pin 4 (yellow/ID) and pin 5(Black/GND) momentarily on Valve controller ONLY.
g. Set POD sensor finger about 1” deep into water
h. Press the RESET button on the Valve Controller once. In 11 Seconds. 11 green flashes.
i. The RED light will go on for 10 seconds.
j. While the RED light is on remove POD sensor from water simulator material or off from POD sensor surface.
k. In 16 seconds after RED light goes out the green light will flash indicating Valve Controller attempting communications with POD.
l. In 24 seconds after green light flash the green light will flash again and solenoid will open or retract as POD sensor should be out of water.
m. Remove power from POD sensor. In a few seconds the Valve controller will attempt to communicate with the POD sensor. Because no signal is available from POD the Valve solenoid will be shut to “off” or ejected and the red light will come on 1 second in 5 indicating a communications error.

The precise FAST MODE clock timing sequence

First button press Clock = 0

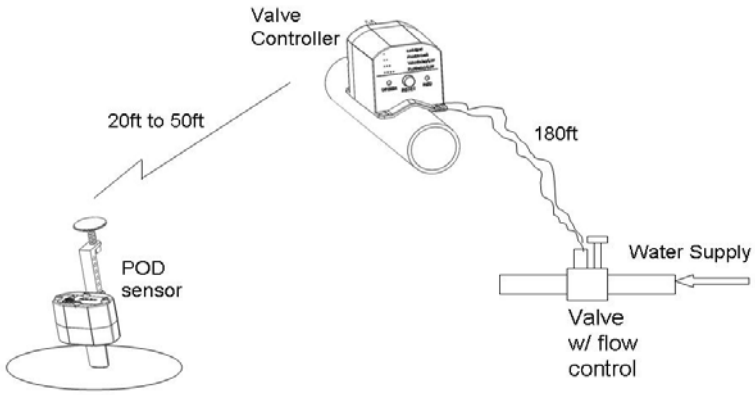
1.) Set Level – 11 green flashes in 11 seconds (hard to see first flash sometimes in fast mode). End Clock =11 seconds
2.) RED LIGHT ON. End Clock = 21 seconds
3.) RED LIGHT OFF. No Lights are on. End Clock = 37 seconds
4.) Green light flash communications event. End Clock = 37 seconds
5.) Green light flash communications event. End Clock = 61 seconds
6.) First Valve actuation event based on communications data from POD sensor. End Clock = 61 seconds

3.0 THE SMART METER FILL SYSTEM

The SmartMeter system has three major components.

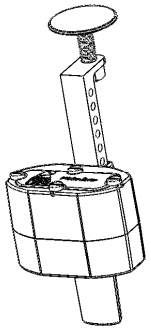
- **Pod Sensor**
- **Valve Controller**
- **Water Valve**

A Toro Professionals Series valve is included with the system. If you have any issues with valve operation You can return the the defective part to the local Toro distributor listed in telephone directory under “irrigation supplies” or “Sprinkler Systems”, or contact the Toro Warranty Company P.O. Box 489, Riverside, California, 92502. Phone (800) 664-4740 for the location of your nearest Toro distributor or outside the U.S., call (951) 688-9221. Please refer to Toro Form Number 373-0506 Rev. A.
The Toro valve specifications allow more than 180 feet of 18GA wire. Combined with typical radio transmission ranges in excess of 20 feet you should have over 200 feet of distance between the “Pod Sensor” in the pool and the “Water Valve”.



Three major components - Pod Sensor, Valve Controller and remote Water Valve

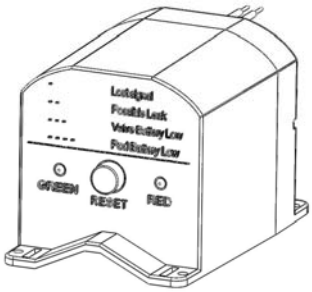
3.1 Pod Sensor



The Pod Sensor measures the water level. It fits under your skimmer deck lid. Refer to Installation Instructions for more specific details on installation options.

3.2 Valve Controller

The Valve Controller is your only programming interface. On this controller are a RESET button along with a GREEN LED and a RED LED. The Valve Controller operates using 6 “AA” batteries.



The RED light is used to show error codes after initial setup is complete. RED Error flashes and their meaning is stamped on the face of the Valve controller.

3.3 Water Valve

A Toro Professional 1” Valve (TPVF100DC) is included with the SmartMeter Fill System. This valve has a variable flow to control the volume and flow of water sent into the pool, spa or water feature.

MODE TYPE	Valve FLOW	MAXIMUM Time(min)	MAXIMUM gal/DAY	MINIMUM GAL/DAY
MODE 1 Rapid Auto-Fill	0.1 gal/min	1440	144	0
MODE 2 “Water Saver” Mode	0.1 gal/min	60	6	0
MODE 1 Rapid Auto-Fill	40 gal/min	1440	57600	0
MODE 2 “Water Saver” Mode	40 gal/min	60	2400	0

4. Installing the SmartMeter Fill System

4.1 PRE-INSTALLATION FIRST STEPS

FAMILIARIZE YOURSELF WITH THE SMART METER
Using 10 new AA batteries power up the POD and the Valve Controller next to each other. Be sure you see the green light indicating signal strength. 4 Green “BARS” every 5 seconds is good. Check signal transmission of the system in your application. See how far you can get before signal is lost as shown by red+green flashing lights. Mount the Pod and see how far you get when the Pod is in the pool. The signal will be GREATLY reduced depending on mounting.

CHOOSE Mode 1 or Mode 2

Mode 1 is considered a continuous auto-fill method. There is no water loss detection or automatic shut off capabilities for Mode 1.

Mode 2 allows for a water loss indication and automatic water shut off.

MODE 1 – continuous auto-fill mode

- ***Every 10 minutes measures water level and updates valve***

- ***Water Valve turns off only if Pod Sensor signal is lost or batteries low***

MODE 2 - regular fill mode.

- ***23 hours a day system sleeps and does NOT take measurements***
- ***1 hour per day wakes and measures water level. Valve updated 6 times (Once every 10 minutes during hour of wake time)***
- ***Water Valve automatically shuts off if "set" level is not achieved for three consecutive days***

Set Level is measured at first button press during programming. Each of 11 green flashes after first button press is a measurement for Set Level.

If SmartMeter detects that set level was not achieved for three consecutive days the Water Valve is shut "off" and the RED LED light flashes an error code of 2 times every 5 seconds indicating a possible water loss.

CHOOSE Volume of Water Flow
The variable flow function of the Toro Water Valve allows you to determine the volume of water delivered to your pool, spa or water feature. This volume control also allows you to adjust the sensitivity of the Mode 2 "water saver" alarm/shutoff.

- IF FLOW RATE IS TOO LOW SENSOR WILL SIGNAL FALSE ALARMS
- IF FLOW RATE IS TOO HIGH OVERFILLING CAN OCCUR

SMARTMETER™ CAN ALERT TO WATER LOSS ONLY IF THE TORO VALVE WATER FLOW ADJUSTMENT IS SET PROPERLY

You must set the water flow rate properly to take advantage of the water saver feature without false alarms or overfilling during fill cycles. You set this limit by setting the flow rate.

In "Water Saver" MODE 2 you have 60 minutes per day maximum of fill time. 60 minutes multiplied by the flow rate gives the maximum amount of water delivered during each fill time. If the TORO Valve water flow is set too low the sensor can falsely indicate possible leaks.

RECOMMENDED SETTING: SET FLOW RATE SO THAT IN 30 MINUTES YOU WILL HAVE FILLED THE POOL EQUIVELENT TO DAILY EVAPORATIVE LOSS. AT THIS SETTING A LOSS OF TWICE THE EVAPORATIVE LOSS FOR 3 DAYS IN A ROW WILL TRIGGER "POSSIBLE LEAK" ERROR.

USE A 5 GALLON BUCKET

Water surface area (sq. ft.)	Time to fill 5 gallon for 0.75" day loss	Time to fill 5 gallon For 0.5" day loss	Time to fill 5 gallon For 0.33" day loss
100	6min. 24 seconds	9 min 36 seconds	14 min 35 seconds
200	3min. 12 seconds	4 min 48 seconds	7 min 17 seconds
500	1min 36 seconds	2 min 24 seconds	2 min 55 seconds
800	48 seconds	1 min 12 seconds	1 min. 49 seconds
1000	38.5 seconds	57.8 seconds	1 min 27 seconds
2000	19.3 seconds	29 seconds	44 seconds

Table to set flow rates v.s. pool area using time to fill a 5 gallon bucket.

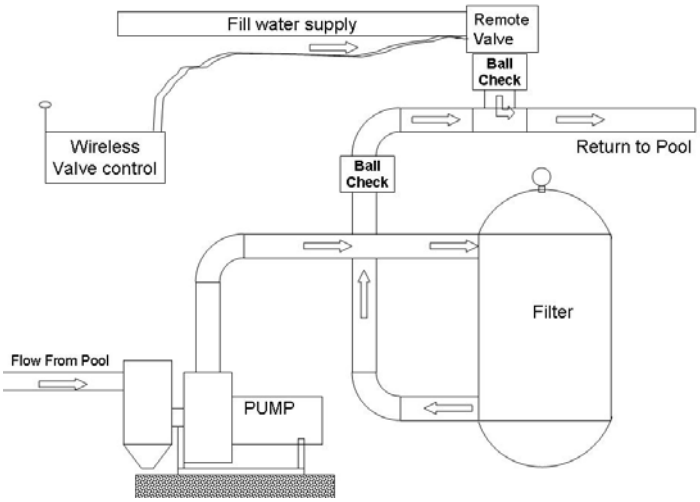
The SmartMeter works by recording the water level at the end of a fill cycle. The unit "remembers" if water level did not come up to "set level" during each daily fill cycle.
If this happens three days in a row, the "possible leak" error is activated and the water valve system shuts off. The red light on the Valve Controller will also flash. NO MORE WATER WILL BE ADDED UNTIL VALVE CONTROLLER IS MANUALLY RESET.

CHOOSE Preferred Water Level
Determine the preferred operational water level for your pool, spa or water feature. This "preferred water level" will be set during installation. The pool, spa or water level needs to be filled to the preferred level at the time of installation.

4.2 Valve Installation

Install the Toro Valve being sure to observe the flow direction through the Valve and to observe all codes where applicable. We recommend using backflow prevention devices and pressure regulation devices where code requires or simply prudent for reliable water flow, filter backflow protection, equipment needs, and most importantly human protection measures. We recommend using a properly pressure regulated water supply provided to the valve and then plumbed to your pool or water feature through a one way check valve. Toro has great customer service and the local Toro distributor is a good resource if valve help is needed. If you have any issues with valve operation Toro provides the following information: You can return the the defective part to the local Toro distributor listed in telephone directory under "irrigation supplies" or "Sprinkler Systems", or contact the Toro Warranty Company P.O. Box 489, Riverside, California, 92502. Phone (800) 664-4740 for the location of your nearest Toro distributor or outside the U.S., call (951) 688-9221. Please refer to Toro Form Number 373-0506 Rev. A. Please read installation TIPS to insure installation success the first time.

Mount the valve controller where it can receive a strong signal from the POD sensor. You will need to run wires from the Valve controller to the solenoid on the valve. After we locate a suitable mounting position based on signal strength for the Valve controller we can connect the valve solenoid to the Valve controller.



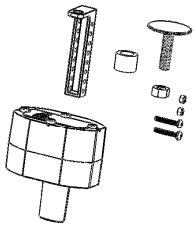
There are RED and BLACK wires coming out of the Valve controller that connect to the RED and BLACK valve solenoid wires. This Valve controller was intended to be mounted to a wooden fence or wall with screws or using zip-ties to a post or a nearby place at the equipment on a piece of plumbing. If you need to increase the distance between the valve and the valve controller use high quality copper 18GA wire and maintain polarity.

The Valve Controller can be placed near the Water Valve if the Pod Sensor signal strength permits. This depends upon the signal reception strength. This is indicated by the flash of the

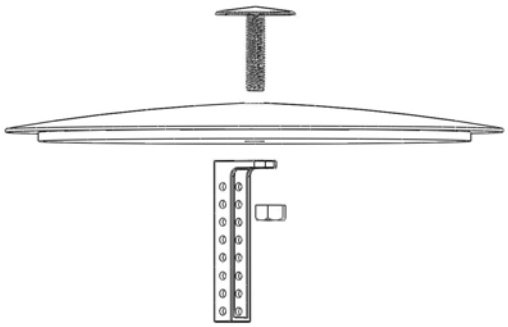
GREEN LED lights Flashes are every 1 second. If an error occurs the error codes are printed on the face for your Valve controller quick reference.

4.3 Installation of the Pod Sensor

1) The Pod Sensor unit can be mounted under any deck lid with a ½" hole. A center hole work best. Use the spacers and hardware provided.
2) It is IMPORTANT to decide what MODE to operate in. Install the Pod Sensor under the conditions expected during *the set fill time.*
3) Insert batteries into the Pod sensor. Insure batteries are seated against the positive terminals.

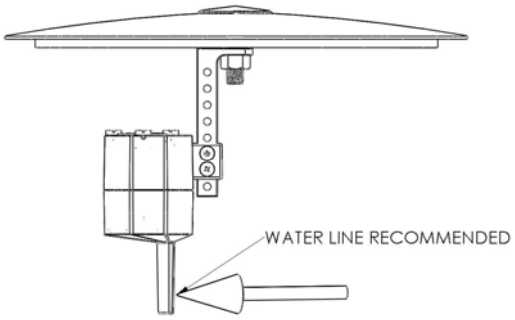


Exploded view of POD sensor and mounting hardware.

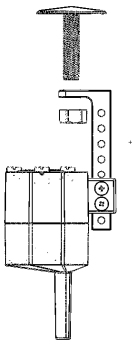


The large cap bolt goes above the deck lid.

Measure carefully so that the POD sensor will be mounted at the correct level with respect to the surface of the water at the desired operational level. See next figure for recommended level.



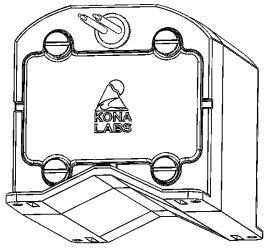
There is no need to be exact but it is a good idea to get as close as possible to the recommended water line.



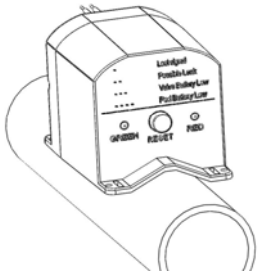
This mounting configuration is helpful if you are placing the POD sensor into a smaller diameter hole.

4.4 Valve Controller Installation

With the POD in place, install the batteries into the Valve controller unit and locate POD signal.



If the Valve controller is within range and the POD is powered a GREEN light will flash every second to show signal strength of POD sensor radio signal. Like the bars of signal on your cell phone more bars the better. Four bars are max signal. A Flashing RED and GREEN indicate no POD signal. You may need to move closer to the POD sensor to get a green signal indicating reception. You may need to be sure power is available to the POD. The batteries may not be fully engaging the positive terminals. Once a good strong signal is found in a suitable location you can mount the Valve controller. Run wires as needed to the valve location using 18GA wire and being sure to maintain polarity.



Programming

At this time the we are at the Valve controller and it is giving a green light indication of signal strength every few seconds. For MODE 1 we press the RESET button one time and one time only.

The GREEN LED will now give a quick flash 11 times indicating the POD sensor is reading the operational or set level of the pool. This will be set level. After the set level is recorded the RED LED lights up steadily indicating that set level is achieved and the unit is ready for the next button press.

This RED light will be active for 1 minute waiting for next button press to move into MODE2 programming. If no additional RESET button presses are received within 1 minute MODE 1, continuous autofill, is set as the active mode. MODE1 is a continuous operation updated every 10 minutes. There is no water saver function in this mode. Proceed only if MODE 2 operation is desired.

If the RESET button is pressed after set level and before RED LED is off, each time it is pressed counts as a 1 hour delay before MODE2 autofill mode cycle begins.

Zero time is recorded at the first RESET button press at the same time set level is recorded.

Each RESET button press after the set level period delays the start time of the fill cycle in MODE2 by one(1) hour from Zero time.

You have 1 minute to start the delay time entries as shown by the RED LED.

Once you start entering delay hours, you have 30 seconds to continue the delay hour button press entries. The maximum number of hours of delay is 24 hours. The counter starts over after the 24th hour is entered.

4.5 Installation TIPS

- Install the “Pod Sensor” when the pool, spa or water feature is at your preferred operational water level. This ensures an accurate “set level”.
- It is preferred to have little or no activity in the pool/spa during installation.
- During installation it is preferred that the water pump is in the same mode as it will be during the fill cycle. For example, if the water pump is “on” during the fill cycle then the water pump needs to be “on” during installation. Likewise, if the water pump is “off” during the fill cycle then the water pump needs to be “off” during installation.

- For MODE 2 “water saver” it is recommended to install the system is off for at least 60 mins. before and 60 mins. after the fill cycle “wake” hour.
- For MODE 2 it is preferred to select a fill cycle “wake” hour when people are not expected use the pool or spa.
- The proper setup of the Toro Valve will insure success. The DC latching solenoids require proper seat clearance for operation. If your valve will not turn “on” try re-seating solenoid being sure o-ring is in place. No debris are binding or present and that the solenoid is tightly seated to limit plunger throw. Be sure to recognize flow direction of valve and set flow properly.
- You can mount the POD near the Valve on a pipe in a protected location as long as the green light is flashing a good signal.If you do not have good signal strength move the valve controller closer to the POD sensor until you do have good signal. Another way to improve reception is to raise the Valve controller to a higher position relative to the POD sensor. The line of sight strength of the radio is hundreds of feet. In a hole in the ground the distance is greatly reduced. The wires to the solenoid from the Valve controller can be in excess of 180 feet.
- It is recommended that direct bury or waterproof wire-nuts be used to connect the valve solenoid to the Valve controller unit. Corrosion at these connections will reduce operational lifetime of batteries and may alter function of solenoid as a result of voltage drops across corroded connections. Use 18GA or heavier stranded wire.

5. SAFETY WARNINGS

Read all WARNING and NOTE messages prior to setup and use.

FOR MAXIMUM SAFETY AND PERFORMANCE, THE CUSTOMER MUST COMPLY WITH ALL WARNING NOTICES BELOW.

• The SmartMeter Fill System is not a toy.

• The SmartMeter Sensor pod and Valve controller should be stored out of freezing conditions.

• Misuse or abuse of the SmartMeter can result in damage to the sensor and/or the plastic body housing the sensor..Do NOT jump on, strike, hit, kick, throw, or submerge the POD sensor or valve controller. Do NOT use the sensor to hold up the deck lid when removed.

• The SmartMeter sensor is NOT a safety device and is not intended to be used as a flotation device.

• The SmartMeter does NOT monitor human or pet activity in the pool.Children should NEVER be left unsupervised in a pool or spa.

• Dispose of batteries properly

Failure to comply with ALL Safety Warnings could void warranty.

The SmartMeter was made to be mounted under a NEW Skimmer lid manufactured and tested with a hole in it already. We recommend that you buy one of the many new ones with a hole in it already and not try to make your own hole. We do not accept any responsibility for mounting decisions made by installers. Mounting it anywhere else is an experiment and we cannot be held responsible for the results. We encourage utilization of simple and sound mounting options but we can’t take responsibility if it does not work. We do not recommend altering any skimmer lid. We cannot take any responsibility for the structural integrity of any skimmer lids or any deck lid or pool or spa features modified or not. Please use caution and common sense when mounting the SmartMeter system to any surface. Do not use if broken. Do not use old deck lids. Use only NEW deck lids. Do not mount SmartMeter where it is exposed to swimmers, animals or protruding from fixtures or anywhere that may pose a hazard to humans or pets. The SmartMeter is not a toy. Do not mount the Valve controller where it is likely to be exposed to harsh elements. Shelter the Valve and valve controller and hide from the reach of children to avoid tampering and to prolong

life of system. The Valve and Valve controller are easily mounted in any position and can be located in different and remote locations. Wires running in between them should be connected using a water proof direct bury type wirenut assembly. Wires should be run in accordance with proper standards and codes. If any part of the plastic housing is broken accidentally discard immediately and avoid sharp edges. Inspect Skimmer and other deck lids monthly for fractures and weakening. Replace as required. Be sure to secure the deck lid down with the factory screws to avoid tampering and insure accurate leveling. Please follow all applicable local laws and codes if any pertaining to the installation of this product.

6. TROUBLE SHOOTING

If you are having trouble and wonder if the SmartMeter is working there is a special Secret Fast Mode where the valve is updated as fast as every 24 seconds in MODE1. To access this FAST mode you momentarily short between the yellow and black wires AFTER power down and power up cycle of POD and Valve controller. Momentarily short the black (GND) wire and the adjacent yellow (ID) during green signal strength indication. This will set system clock to fast mode. Pressing button once will start 11 set level measurements indicated by 11 green light flashes. The Red light will illuminate for 10 seconds, 16 seconds later a green flash and 24 seconds later the valve will be updated. Every 24 seconds the valve will be updated according to water level relative to set level. Pulling the POD out of the water should activate the valve to the "ON" position for testing. Plunging the POD deeper than the measured set level will activate the valve to the "OFF" position. Note: This mode will consume batteries at an accelerated rate.

IF the Valve wont turn on the solenoid may not be seated in the valve. Recheck connections and tighten the valve solenoid. If the solenoid continues to malfunction try cleaning and resetting solenoid insuring o-ring is properly seated. Again, Toro has great customer support and the local irrigation store should be an expert using these valves.

Signal Strength is limited by FCC rules for operation. The SmartMeter is trying to get signal out of a hole. Line of sight the radio transmits long distances. Deep in holes signal is limited. You may need to raise the height of the valve controller receiver to obtain satisfactory signal strength.

IMPORTANT: Prior to troubleshooting an error code, recycle the power FIRST and reset the system being sure that the Valve controller is seeing signal where it is mounted. Both Pod and Valve Controller need to be off at same time to cycle them.

To recycle the power, unplug the POD sensor battery pack. Unplug the Valve controller battery pack. Plug in the POD sensor battery pack and install battery lid. Install POD sensor into POOL and be sure water level is up to operational level and that this level is at recommended level. Plug battery pack into Valve controller and insure good radio signals. Install battery lid to valve controller. Reprogram system.

7. LIMITED WARRANTY STATEMENT

The manufacturer warranties safe operation and reliability only under the following conditions:

- The product is installed and operated according to the assembly and operating instructions.
- Only original replacement parts are used.
- Consumable parts do NOT fall under the warranty

General Terms

This Limited Warranty applies to the enclosed product (the "Product") distributed by Kona Labs LLC, an Hawaii corporation (doing business as Kona Labs).

Kona Labs warrants that the Product will be free from defects in materials and workmanship under normal use for a period of one (1) year from the date of purchase.(Your dated sales or delivery receipt, showing the date of your Product purchase, is your proof of the purchase date.) During the warranty period, Kona Labs will repair or replace any defective parts at no charge.

All defective parts that are replaced by Kona Labs will be replaced, at Kona Labs discretion, with either new parts or used parts that meet or exceed performance specifications for new parts. All parts removed from the Product under this warranty will become the property of Kona Labs. Repair or replacement of any parts will not serve to extend the one (1) year warranty period.

This Limited Warranty does not apply to expendable parts. This Limited Warranty does not extend to any product (a) from which the serial number has been removed or (b) that has been damaged or rendered defective (i) as a result of accident, misuse, abuse or other external causes; (ii) by operation outside the usage parameters stated in the manual that shipped with the Product; (iii) by the use of parts not manufactured or sold by Kona Labs; or (iv) by modification or service by anyone other than Kona Labs or an authorized Kona Labs distributor.

If a defect is identified within the warranty period, please contact Kona Labs.

EXCEPT FOR THE LIMITED WARRANTY SET FORTH ABOVE, Kona Las EXPRESSLY DISCLAIMSALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, ORAL OR STATUTORY (INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE). ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW ARE LIMITED TO THE TERMS OF THE ABOVE LIMITED WARRANTY.

Limitation of Liability

EXCEPT FOR THE LIMITED WARRANTY DESCRIBED ABOVE, IN NO EVENT WILL Kona Labs HAVE ANY LIABILITY OF ANY KIND WHATSOEVER (WHETHER UNDER CONTRACT, TORT, OR ANY OTHER THEORY OF LEGAL LIABILITY) TO ANY PERSON WITH RESPECT TO THE PRODUCT (INCLUDING, WITHOUT LIMITATION, (A) ANY USE OR MISUSE OF THE PRODUCT, (B) ANY FAILURE OR MALFUNCTION OF THE PRODUCT, (C) ANY BODILY INJURY, DEATH, LOSS OF OR DAMAGE TO ANY PROPERTY, OR ANY OTHER DAMAGES RELATED TO OR RESULTING FROM THE PRODUCT OR ITS USE (INCLUDING, WITHOUT LIMITATION, ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, LOST PROFITS, LOSS OF USE), EVEN IF Kona Labs OR Kona Labs AUTHORIZED REPRESENTATIVES HAVE BEEN ADVISED OF THE POSSIBILITY OF ANY SUCH DAMAGES.

Severability

Any provision of this Limited Warranty which is prohibited or unenforceable in any jurisdiction will, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining portions hereof or affecting the validity or enforceability of such provision in any other jurisdiction.

Venue and Choice of Law

This Limited Warranty is applicable in all countries. This Limited Warranty will be governed by the laws of the State of Hawaii (regardless of any conflict of laws rules), and any disputes arising from this Limited Warranty will be resolved in Kailua Kona, Hawaii

Entire Agreement

This Limited Warranty is understood to be the complete and exclusive agreement between Kona Labs and the purchaser of the Product, superseding all prior agreements, oral or written, and all other communications between such parties relating to the Product.No employee or representative of Kona Labs or any other party is authorized to make any warranty in addition to the limited warranty set forth.

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