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## **Addendum to AquaLink® RS PDA, All Button, OneTouch™ and Touch Installation and Owner's Manuals**

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This addendum provides information on changes made in revision QQ of the AquaLink RS OneTouch and Touch devices and firmware revision 5.1 of the Aqualink PDA. These changes affect the information provided in the following installation and owner's manuals.

### **Please add this addendum in the following Manuals:**

**6593 Rev M, AquaLink RS OneTouch Control Systems, Owner's Manual.**

Add this addendum to the bottom of page 55.

**6594 Rev N, AquaLink RS All Button and OneTouch Control Systems, Installation Manual.**

Add this addendum to the bottom of page 35.

**H0572200 Rev E, PDA Installation Manual.**

Add this addendum to the bottom of page 33.

**H0572300 Rev D, PDA Owner's Manual.**

Add this addendum to the bottom of page 37.

**H0334000 Rev C, AquaLink Touch Owner's Manual.**

Add this addendum to the bottom of page 51.

## **Filtration Mode**

### **a) Manual Operation:**

#### **Setting speeds by turning ON auxiliaries that have speeds assigned to them.**

1. The pump is set to the speed that is assigned to the auxiliary. The exception to this rule will be when the pool/spa heater, solar heat, or heat pump is ON. To protect the heater, solar panels, or heat pump we do not allow the user to select a lower speed than the heater and solar speed settings while they are ON.
2. If you have several auxiliaries that have speeds assigned and if they are all ON, and you then turn OFF one of the auxiliaries, the pump will be set to the highest speed that is assigned to any of the auxiliaries that are ON. Once again, if the pool/spa heater, solar heat, or heat pump is ON, we do not allow the user to select a lower pump speed.

#### **Adjusting speeds from the “Other Devices” or “Equipment On/Off” screen.**

1. On this screen you can adjust the pump to whatever speed you desire, however the pump will only stay at the speed for that manual ON time. The manual adjust pump speeds are temporary, and not saved - so if you turn the pump OFF and then ON again, the pump will revert back to the default values.

### **b) Programmed Operation**

The pump will go to the speed programmed. However, if the pool/spa heater, solar heat, or heat pump is on, the pump will not go any lower than the pool/spa heater, solar heat, or heat pump speed setting.

### **c) Freeze Protection**

In the Freeze Protect mode the pump will turn ON and be set to at least the freeze protect speed. If the Filter Pump speed is higher than the Freeze protect speed, then the pump will run at the filtration speed. Also, if speeds have been assigned to auxiliaries and if those auxiliaries are freeze protected, the pump will be set to the highest of the speeds.

## Auxiliary Pump Mode

### a) Manual Operation

#### **Setting speeds by turning ON auxiliaries that have speeds assigned to them.**

1. The speed assigned to the auxiliary that was pressed takes precedence. For example, if the pump is at 3000rpm, and then AUX 1 is pressed, the pump will switch to the speed that is assigned to AUX 1 regardless of whether the speed is higher or lower than the speed that the pump is currently running at. So, referring to the table below, if all of the auxiliaries are OFF and then AUX 3 is turned ON the pump will go to 3000rpm. Then if AUX 2 is turned ON the pump switches to 2000rpm.
2. However, if you have several auxiliaries ON and all of them have a speed assigned to them, what speed does the pump go to when you turn OFF one of the auxiliaries? The pump will switch to the highest speed that is assigned to the auxiliaries. For example, referring to the table below, if all 3 auxiliaries are ON and the pump is at 1000rpm, what speed will the pump go to when AUX 1 is turned OFF? The answer is 3000rpm, the highest speed that is assigned to the auxiliaries that are ON.

AUX #	SPEED ASSIGNED TO AUX
1	1000rpm
2	2000rpm
3	3000rpm

#### **Setting speeds from the VSP Adjust/Set Speed menu (accessed from the other devices screen).**

1. Regardless of what speed is ON, the pump will switch to the speed depending on which one of the 8 buttons on this screen is pressed.

### b) Programmed Operation

#### **Programming pump SPEEDS.**

1. The pump will go to the speed that is being turned ON by the program regardless of what the speed currently is. If a program time ends and there are other programs overlapping, the pump will go to the highest programmed speed.

#### **Programming AUXILIARIES that have speeds assigned to them.**

1. The pump will go to the speed that is assigned to the auxiliary that is being turned ON, regardless of the current speed. If several programs are overlapping for auxiliaries that have speed assigned to them, the pump will operate at the speed of the auxiliary that was most recently turned ON.
2. If several programs are overlapping for auxiliaries that have speeds assigned to them, and then one of the programs end, then the pump will switch to the highest speed of all the auxiliaries that are ON.

