



Owner's Manual

POOL LINK Dual Timer Module Control System



WARNING

FOR YOUR SAFETY - This product must be installed and serviced by a professional pool/spa service technician. The procedures in this manual must be followed exactly. Failure to follow warning notices and instructions may result in property damage, serious injury, or death.

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Section 1. Important Safety Instructions

READ AND FOLLOW ALL INSTRUCTIONS

Lire la notice technique.

All electrical work must be performed by a licensed electrician and conform to all national, state, and local codes. When installing and using this electrical equipment, basic safety precautions should always be followed, including the following:

DANGER

To reduce the risk of injury, do not remove the suction fittings of your spa or hot tub. Never operate a spa or hot tub if the suction fittings are broken or missing. Never replace a suction fitting with one rated less than the flow rate marked on the equipment assembly.

WARNING

Prolonged immersion in hot water may induce hyperthermia. Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6° F. The symptoms of hyperthermia include dizziness, fainting, drowsiness, lethargy, and an increase in the internal temperature of the body. The effects of hyperthermia include: 1) unawareness of impending danger; 2) failure to perceive heat; 3) failure to recognize the need to exit spa; 4) physical inability to exit spa; 5) fetal damage in pregnant women; 6) unconsciousness resulting in a danger of drowning.

WARNING

To Reduce the Risk of Injury -

- a) The water in a spa should never exceed 104°F (40°C). Water temperatures between 100°F (38°C) and 104°F (40°C) are considered safe for a healthy adult. Lower water temperatures are recommended for young children and when spa use exceeds 10 minutes.
- b) Since excessive water temperatures have a high potential for causing fetal damage during the early months of pregnancy, pregnant or possibly pregnant women should limit spa water temperatures to 100°F (38°C).
- c) Before entering a spa or hot tub, the user should measure the water temperature with an accurate thermometer since the tolerance of water temperature-regulating devices varies.
- d) The use of alcohol, drugs, or medication before or during spa or hot tub use may lead to unconsciousness with the possibility of drowning.
- e) Obese persons and persons with a history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before using a spa.
- f) Persons using medication should consult a physician before using a spa or hot tub since some medication may induce drowsiness while other medication may affect heart rate, blood pressure, and circulation.

WARNING

Risk of electric shock - Install the power center at least five (5) feet (152.4cm) from the inside wall of the pool and/or hot tub using non-metallic plumbing. Canadian installations must be at least three (3) meters from the water.

Children should not use spas or hot tubs without adult supervision.

Do not use spas or hot tubs unless all suction guards are installed to prevent body and hair entrapment.

People using medications and/or having an adverse medical history should consult a physician before using a spa or hot tub.

AVERTISSEMENT

Danger d'electrocution - Les installations canadiennes doivent se trouver à au moins trois (3) mètres de l'eau.

Ne pas laisser les enfants utiliser une cuve de relaxation sans surveillance.

Pour éviter que les cheveux ou une partie du corps puissent être aspirés, ne pas utiliser une cuve de relaxation si les grilles de prise d'aspiration ne sont pas toutes en place.

Les personnes qui prennent des médicaments ou ont des problèmes de santé devraient consulter un médecin avant d'utiliser une cuve de relaxation.

⚠ WARNING

People with infectious diseases should not use a spa or hot tub.
 To avoid injury, exercise care when entering or exiting the spa or hot tub.
 Do not use drugs or alcohol before or during the use of a spa or hot tub to avoid unconsciousness and possible drowning.
 Pregnant or possibly pregnant women should consult a physician before using a spa or hot tub.
 Water temperature in excess of 100°F/38°C may be injurious to your health.
 Before entering a spa or hot tub measure the water temperature with an accurate thermometer.
 Do not use a spa or hot tub immediately following strenuous exercise.
 Prolonged immersion in a spa or hot tub may be injurious to your health.
 Do not permit any electric appliance (such as a light, telephone, radio, or television) within 5 feet (1.5 m) of a spa or hot tub.
 The use of alcohol, drugs or medication can greatly increase the risk of fatal hyperthermia in hot tubs and spas.
 Water temperature in excess of 100°F/38°C may be hazardous to your health.

⚠ AVERTISSEMENT

Les personnes atteintes de maladies infectieuses ne devraient pas utiliser une cuve de relaxation.
 Pour éviter des blessures, user de prudence en entrant dans une cuve de relaxation et en sortant.
 Pour éviter l'évanouissement et la noyade éventuelle, ne prendre ni drogue ni alcool avant d'utiliser une cuve de relaxation ni quand on s'y trouve.
 Les femmes enceintes, que leur grossesse soit confirmée ou non, devraient consulter un médecin avant d'utiliser une cuve de relaxation.
 Il peut être dangereux pour la santé de se plonger dans de l'eau à plus de 38°C/100°F.
 Avant d'utiliser une cuve de relaxation mesurer la température de l'eau à l'aide d'un thermomètre précis.
 Ne pas utiliser une cuve de relaxation immédiatement après un exercice fatigant.
 L'utilisation prolongée d'une cuve de relaxation peut être dangereuse pur la santé.
 Ne pas placer d'appareil électrique (luminaire, téléphone, radio, téléviseur, etc) à moins de 1.5m de cette cuve de relaxation.
 La consommation d'alcool ou de drogue augmente considérablement les risques d'hyperthermie mortelle dans une cuve de relaxation.
 Il peut être dangereux pour la santé de se plonger dans de l'eau à plus de 38°C/100°F.

⚠ WARNING

To avoid injury ensure that you use this control system to control only packaged pool/spa heaters which have built-in operating and high limit controls to limit water temperature for pool/spa applications. This device should not be relied upon as a safety limit control.

⚠ CAUTION

A terminal bar marked "GROUND" is provided within the power center. To reduce the risk of electrical shock, connect this terminal bar to the grounding terminal of your electric service or supply panel with a continuous copper conductor having green insulation and one that is equivalent in size to the circuit conductors supplying this equipment, but no smaller than no. 12 AWG (3.3mm). In addition, a second wire connector should be bonded with a no. 8 AWG (4.115mm) copper wire to any metal ladders, water pipes, or other metal within five (5) feet (1.52m) of the tub.

⚠ CAUTION

A ground-fault circuit-interrupter must be provided if this device is used to control underwater lighting fixtures. The conductors on the load side of the ground-fault circuit-interrupter shall not occupy conduit, boxes, or enclosures containing other conductors unless the additional conductors are also protected by a ground-fault circuit-interrupter. Refer to local codes for complete details.



Attention installer: Install to provide drainage of compartment for electrical components.

SAVE THESE INSTRUCTIONS

Section 2. Using The Pool Link Control System

This document gives instructions for operating the Jandy Pool Link Control Panel. The instructions must be followed exactly. Read through the instructions completely before operating the equipment.

2.1 Basic Functions

The Pool Link Control System, refer to Figure 1, can turn your pool equipment on and off using the Filter Pump Timer and the Secondary Timer. The Pool Link Control System has built-in freeze protection circuitry.

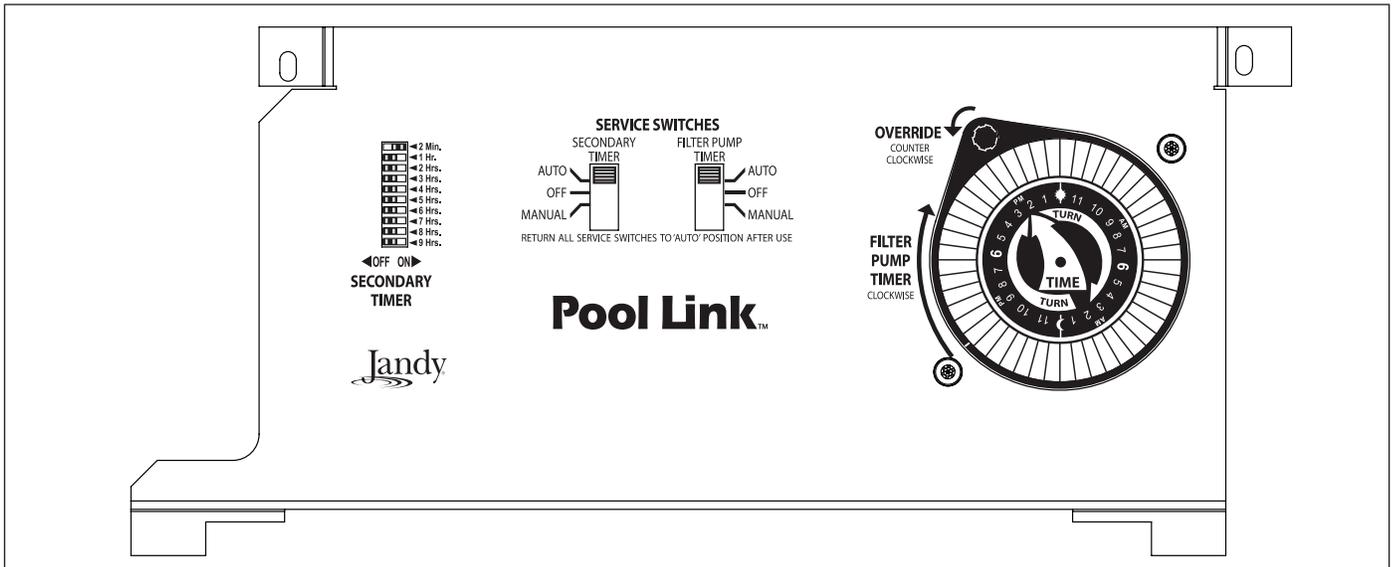


Figure 1. Pool Link Control System

2.2 How To Use The Timers

1. The Filter Pump Timer turns your Filter Pump ON and OFF. Follow the instructions printed on the *What the Switches Do*: panel; refer to Figure 2 to set the on and off times. Each tab pulled out equals 30 minutes of ON time. The Filter Pump Timer controls the total duration of the filtration cycle.

What the Switches Do:

<p>SECONDARY TIMER</p> <p>Set DIP switch for the number of hours you want to run your cleaner booster pump or your two speed pump on high speed:</p> <p>0 = 2 minutes (factory default) 1 to 9 equals number of hours. Turn on only one switch.</p> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <p>DIP switch '0' ON by default (2 minutes).</p> </div> <table border="1" style="font-size: 8px;"> <tr><td>0</td><td>42 Min.</td></tr> <tr><td>1</td><td>41 Hr.</td></tr> <tr><td>2</td><td>42 Hrs.</td></tr> <tr><td>3</td><td>43 Hrs.</td></tr> <tr><td>4</td><td>44 Hrs.</td></tr> <tr><td>5</td><td>45 Hrs.</td></tr> <tr><td>6</td><td>46 Hrs.</td></tr> <tr><td>7</td><td>47 Hrs.</td></tr> <tr><td>8</td><td>48 Hrs.</td></tr> <tr><td>9</td><td>49 Hrs.</td></tr> </table> <div style="margin-left: 10px;"> <p>At least one and only one DIP switch must be set to ON for the Cleaner Booster Pump to operate within the Filter Pump Timer setting.</p> </div> </div> <p style="text-align: center;">← OFF ON →</p>	0	42 Min.	1	41 Hr.	2	42 Hrs.	3	43 Hrs.	4	44 Hrs.	5	45 Hrs.	6	46 Hrs.	7	47 Hrs.	8	48 Hrs.	9	49 Hrs.	<p>SERVICE SWITCHES</p> <p>AUTO - Normal automatic operation; equipment controlled from timers. OFF - Equipment turned off; Timers are overridden. MANUAL - Equipment turned on; Timers are overridden.</p> <p>Heater will not operate from override switch. Turn on Filter Pump Timer to activate heater.</p> <div style="text-align: center;"> <p>SERVICE SWITCHES</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>SECONDARY TIMER</p> <p>AUTO OFF MANUAL</p> </div> <div style="text-align: center;"> <p>FILTER PUMP TIMER</p> <p>AUTO OFF MANUAL</p> </div> </div> </div>	<p>OVERVERRIDE</p> <p>Turn COUNTER CLOCKWISE one click to override until next cycle.</p> <div style="text-align: center;"> </div> <p>FILTER PUMP TIMER</p> <p>Turn CLOCKWISE to set to current time.</p> <p>Each tab pulled out (towards you) equals 30 minutes of ON time. Set the Filter Pump Timer for the total duration you want the Filter Pump to run for filtration.</p>
0	42 Min.																					
1	41 Hr.																					
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3	43 Hrs.																					
4	44 Hrs.																					
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Pool Link timer system can be easily upgraded to AquaLink RS Advanced Controls

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Figure 2. What the Switches Do Panel

2. The Secondary Timer turns on only when the Filter Pump Timer is on, and runs for the number of hours set by the Secondary Timer DIP Switches. The Secondary Timer controls the number of hours you want to run your cleaner booster pump or the amount of time you want to run your two-speed pump on high speed. Flip the dip switch corresponding to the number of hours the secondary equipment will run. Turn on only one switch.
3. Single-Speed Filter Pump and Cleaner Booster Pump Setup:
In this example, the Filter Pump Timer controls the duration of filter pump operation, and the Secondary Timer controls the duration of the cleaner booster pump. Example: If Filter Pump Timer is set from noon to 4PM and the Secondary Timer is set for two hours, the filter pump will operate from noon to 4PM, and the cleaner booster pump will operate from noon to 2PM.
4. Two-Speed Filter Pump Setup:
In this setup, the Filter Pump Timer controls the total duration of filtration, and the Secondary Timer controls how long high speed will be on. Example: If the Filter Pump Timer is set from noon to 4PM and the Secondary Timer is set for 2 hours, high speed will operate from noon to 2PM, and low speed will operate from 2PM to 4PM. When all DIP Switches are off, the two-speed pump will run in high speed at all times.

NOTE: If DIP Switch 0 is on, high speed of the two-speed pump will run for approximately 2 minutes then turn off.

5. The Filter Pump Timer OVERRIDE switch allows for an override by turning the switch one click counter clockwise.

2.3 Freeze Protection

1. The system is designed with built-in freeze protection circuitry, shown in Figure 3. When freeze conditions exist (air temperature falls below sensor setting) the filter pump will turn ON and run until the time clock duration is reached. If freeze conditions still exists after the time clock duration has passed, the pump will remain on. When freeze conditions exist on a two-speed pump installation (air temperature falls below sensor setting), the filter pump will turn on and run at high speed until the low speed section of the time clock duration is reached. If freeze condition still exists after low speed time has passed, the pump will return to high speed. Sensor setting is located behind front panel.

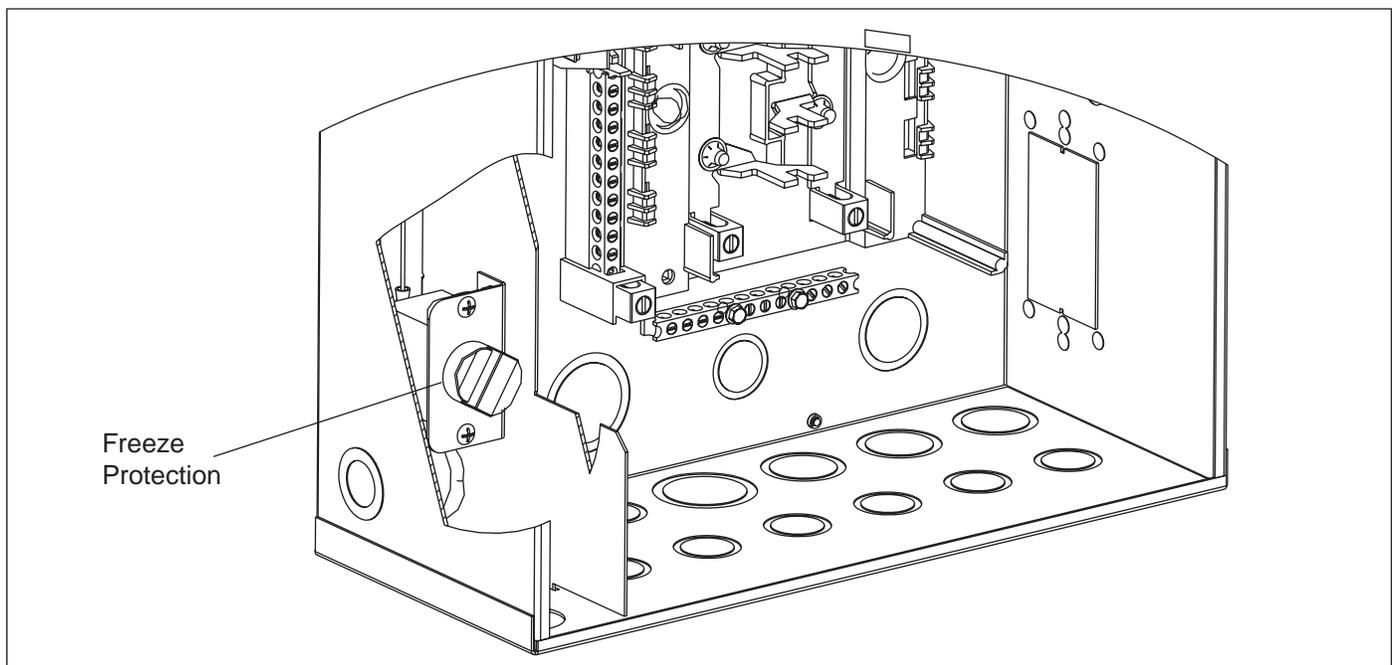


Figure 3. Freeze Protection

Important

Freeze sensor's capillary tube must be exposed to outside air at the bottom of the power center enclosure.

Important Information on Freeze Protection

Freeze protection is intended to protect equipment and plumbing for short periods of freezing only. It does this by activating the filtration pump and circulating the water to prevent freeze inside equipment or plumbing. Freeze protection does **not** guarantee that equipment will not be damaged by extended periods of freezing temperatures or power outages. In these conditions, the pool and spa should be shut down completely (e.g. drained of water and closed for the winter) until warmer weather exists.

2.4 Heater Operation

1. If a heater is installed, the heater will fire whenever the Filter Pump is on and water temperature falls below heater thermostat setting. Whenever the time clock turns on, then off, the Filter Pump will remain on for 5 to 8 minutes. This is a cool down cycle which will occur even if a heater is not installed.

2.5 How To Use The Service Switches (Refer to Figures 1 and 2)

1. Keep these two switches in the AUTO position for normal automatic operation of equipment from Timers.
2. To override the Timers and turn off a piece of equipment, move the service switch to OFF.
3. To override the Timers and turn on a piece of equipment, move the service switch to MANUAL.

NOTE Override switches will not activate the heater. Only the filter pump timer will complete the circuit allowing the heater to fire.

NOTES

EQUIPMENT INFORMATION RECORD

DATE OF INSTALLATION _____

INSTALLER INFORMATION _____

INITIAL PRESSURE GAUGE READING (WITH CLEAN FILTER) _____

PUMP MODEL _____

HORSEPOWER _____

FILTER MODEL _____

SERIAL NUMBER _____

CONTROL PANEL MODEL _____

SERIAL NUMBER _____

NOTES: _____

LIMITED WARRANTY

Thank you for purchasing Jandy® pool and spa products. Jandy Pool Products, Inc. warrants all parts to be free from manufacturing defects in materials and workmanship for a period of one year from the date of retail purchase, with the following exceptions:

- AquaLink® RS units installed with Jandy® Surge Protection Kits will be covered for two years.
- NeverLube® valves are warranted for the life of pool and/or spa on which they were originally installed.
- AquaPure™ Electronic Chlorine Generator Electrolytic Cells carry a 5 year limited warranty on a prorated basis.

This warranty is limited to the first retail purchaser, is not transferable, and does not apply to products that have been moved from their original installation sites. The liability of Jandy Pool Products, Inc. shall not exceed the repair or replacement of defective parts and does not include any costs for labor to remove and reinstall the defective part, transportation to or from the factory, and any other materials required to make the repair. This warranty does not cover failures or malfunctions resulting from the following:

1. Failure to properly install, operate or maintain the product(s) in accordance with our published Installation, Operation and Maintenance Manuals provided with the product(s).
2. The workmanship of any installer of the product(s).
3. Not maintaining a proper chemical balance in your pool and/or spa [pH level between 7.2 and 7.8, Total Alkalinity (TA) between 80 to 120 ppm, Total Dissolved Solids (TDS) less than 2000 not including salt ppm].
4. Abuse, alteration, accident, fire, flood, lightning, rodents, insects, negligence or acts of God.
5. Scaling, freezing, or other conditions causing inadequate water circulation.
6. Operating the product(s) at water flow rates outside the published minimum and maximum specifications.
7. Use of non-factory authorized parts or accessories in conjunction with the product(s).
8. Chemical contamination of combustion air or improper use of sanitizing chemicals, such as introducing sanitizing chemicals upstream of the heater and cleaner hose or through the skimmer.
9. Overheating; incorrect wire runs; improper electrical supply; collateral damage caused by failure of O-Rings, DE grids, or cartridge elements; or damage caused by running the pump with insufficient quantities of water.

LIMITATION OF LIABILITY:

This is the only warranty given by Jandy Pool Products, Inc. No one is authorized to make any other warranties on behalf of Jandy Pool Products, Inc. **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY. JANDY POOL PRODUCTS, INC. EXPRESSLY DISCLAIMS AND EXCLUDES ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, INDIRECT OR PUNITIVE DAMAGES FOR BREACH OF ANY EXPRESSED OR IMPLIED WARRANTY.** This warranty gives you specific legal rights. You may also have other rights which vary by state or province.

WARRANTY CLAIMS:

For prompt warranty consideration, contact your dealer and provide the following information: proof of purchase, model number, serial number and date of installation. The installer will contact the factory for instructions regarding the claim and to determine the location of the nearest designated service center. If the dealer is not available, you can locate a service center in your area by visiting www.jandy.com or by calling our technical support department at (707) 776-8200 extension 260. All returned parts must have a Returned Material Authorization number to be evaluated under the terms of this warranty.

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The Jandy logo features the word "Jandy" in a large, stylized serif font. Below the letters "y" and "d" are three horizontal wavy lines that suggest water or a pool's surface.