

iS4 Spa Side Remote Control for Use with Pentair Control Systems User Guide

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iS4 Spa Side Remote Control for Use with Pentair Control Systems



CUSTOMER SERVICE / TECHNICAL SUPPORT

If you have questions about ordering Pentair Aquatic Systems replacement parts, and pool products, please use the following contact information:

Customer Service

(8 AM to 4:30) PM

Eastern and Pacific Times

Phone: (800) 831-7133

Fax: (800) 284-4151

Web site: Visit www.pentairpool.com or
www.staritepool.com

Technical Support

Sanford, North Carolina

(8 A.M. to 4:30 PM ET)

Phone: (919) 566-8000

Fax: (919) 566-8920

Moorpark, California

(8 A.M. to 4:30 PM, PT)

(805) 553-5000 (Ext. 5591) Fax: (805) 553-5515

IMPORTANT WARNING AND SAFETY INSTRUCTIONS

Attention Installer: This Installation and User's Guide ("Guide") contains important information about the installation, operation and safe use of this spa side remote control. This Guide should be given to the owner and/or operator of this equipment.

Attention User: This manual contains important information that will help you in operating and maintaining this product. Please retain it for future reference.

Before installing this product, read and follow all warning notices and instructions in

Warranty

This Guide Failure to follow warnings and instructions can result in severe injury, death, or property damage. Call (800) 831-7133 for additional free copies of these instructions. Please refer to www.pentairpool.com for more information related to this products.

Danger

This product must be installed by a licensed or certified electrician or a qualified pool professional in accordance with the current National Electrical Code (NEC), NFPA 70 or the Canadian Electrical Code (CEC), CSA C22.1. All applicable local installation codes and ordinances must also be adhered to. Improper installation will create an electrical hazard which could result in death or serious injury to pool users, installers or others due to electrical

shock, and may also cause damage to property.

Warranty: Before installing or servicing this product, always disconnect the main system power at the circuit breaker. Failure to do so could result in death or serious injury to service professional, pool users or others due to electrical shock.

READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL SAVE THESE INSTRUCTIONS

OVERVIEW

iS4 Spa-Side Remote Control

The iS4 Spa-Side Control can be used with the Pentair® IntelliTouch®, EasyTouch® Control Systems and the Compool® CP series Control Systems to provide remote switching of four control circuits from the spa location. It is typically used for activating spa circulation and three auxiliary pieces of equipment (such as lights, jet pump, air blower, etc.). One iS4 spa-side control can be installed per control system. It is possible to install two iS4 remotes on a single control system, however, the two iS4 remotes will mirror each other in functionality. The iS4 spa-side remote is a double-insulated device UL and ETL listed to UL 1563. It is splash-proof and weatherproof but should not be permanently submerged below the spa water level. The iS4 remote must be installed above the highest sustained water level.

The iS4 Spa-Side Remote red LED status light functions are as follows:

Spa Mode N/A Steady Steady Steady
Heating N/A N/A Flashing Flashing

When used with any Pentair Control System:

- **Voltage:** 5 VDC
- **Current:** 2 mA maximum

iS4 Kit Contents

- Spa-side remote (with cable attached)
- S4 Mounting Adapter (for acrylic spa and upgrade from SS4)
- Label Set

INSTALLATION

The iS4 spa-side remote is a double-insulated, waterproof device for installation at the water's edge. It is typically installed at the tile-line of the spa wall, or in the deck within arm's reach of a spa occupant. It can be used with a gummite spa, acrylic spa, or hot-tub. However, in order to install the spa-side remote into the wall of a gummite spa, provision must be made while the spa is being plumbed.

iS4 Required Mounting Space

To install the iS4 Spa-Side Remote into the wall of a unite spa, provision must be made while the spa is being plumbed. For surface mounting (protruding from deck, tile or uneven surface), When installed, the iS4 remote requires the following space:

- **Flat Faceplate:** 6-1/2" x 3-1/2"
- **Skirted Faceplate:** 6" x 2-5/8" x 1-1/4" high
- **Material:** ABS plastic

iS4 SPA-SIDE REMOTE GUNITE INSTALLATION

- NOTE:** For new gunite spa installations, the iS4 Mounting Adapter has no purpose and can be discarded.



- Figure 2
-
- The diagram shows a side view of a rectangular LED lamp with four circular terminals numbered 1 to 4. Terminal 1 is connected to GND (BLK). Terminal 2 is connected to LMP (ORG). Terminal 3 is connected to SWITCH 1 (RED). Terminal 4 is connected to SWITCH 2 (YEL). A label 'LED Lamp' points to the bottom of the device. A legend on the left lists the connections: GND (BLK), LMP (ORG), SWITCH 1 (RED), SWITCH 2 (YEL), SWITCH 3 (GRN), and SWITCH 4 (BLU). The connections for SWITCH 3 and SWITCH 4 are not shown in the diagram.
- | Terminal | Color |
|----------|-------|
| 1 | BLK |
| 2 | ORG |
| 3 | RED |
| 4 | YEL |

ACRYLIC SPA OR HOT-TUB INSTALLATION

1. Obtain optional Spa Wall Mounting Adapter and lock-nut (P/N SSADP).
2. Drill 1-5/8 in. diagonal hole in wall of spa or hot-tub. Insert Spa Wall Mounting Adapter, and use lock-nut on external surface of wall to secure Spa Wall Mounting Adapter into place. See Figure 3.
3. Glue ½ in. PVC conduit directly into back of the Spa Wall Mounting Adapter and run conduit to the Control Power/Load Center. Use sweep elbows for turns.
4. Bond iS4 Mounting Adapter provided over Spa Wall Mounting Adapter using silicon.
5. Run spa-side remote cable through conduit to control power/load center. Affix remote to iS4 Mounting Adapter using small amount of silicon on back of unit. Attach appropriate labels (P/N 522082) to the remote.

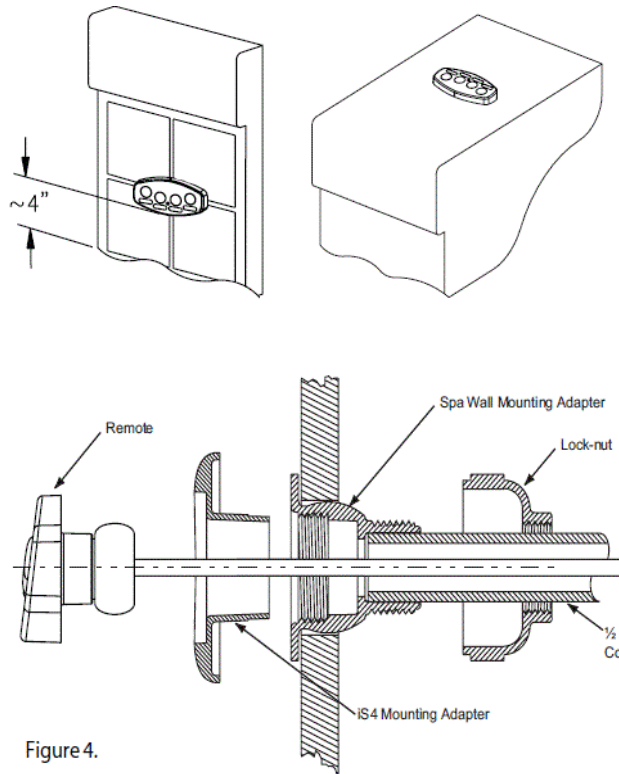


Figure 4.

UPGRADE FOR SS4 INSTALLATION

1. Remove existing SS4 making note of function and button color.
2. Orient iS4 Mounting Adapter to optimize usage by spa occupant per Figure 4.
3. Bond iS4 Mounting Adapter provided over existing Mounting Adapter using silicon. Run spa-side remote cable through conduit to Power/Load Center. See Figure 5.
4. Use the color call-out description on back of remote to wire unit.
5. Affix remote to iS4 Mounting Adapter using small amount of silicon on back of unit.
6. Attach appropriate labels to remote.

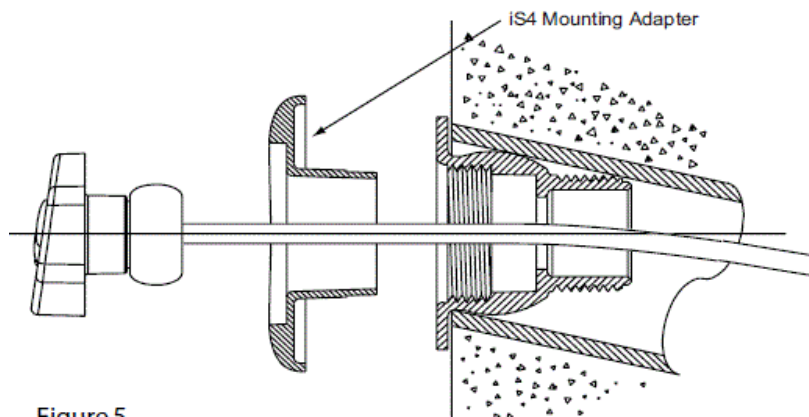


Figure 5

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PENTAIR AQUATIC SYSTEMS

1620 HAWKINS AVE., SANFORD, NC 27330 • (919) 566-8000

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CONTROL INTELLITOUCH® AND EASYTOUCH® CONTROL SYSTEMS FROM YOUR MOBILE DIGITAL DEVICE

Now you can use your iPad®, iPhone® or iPod touch® mobile digital device or Android® device, to control all key functions of your pool or spa, from across the deck or around the globe. New software that communicates with the Screen Logic interface of your new or existing IntelliTouch or EasyTouch control system is now available as a free download from the App Store® or Google Play™. Once it's installed, you can control everything from pool and spa temperatures to jets, lighting, water features and more—right from your iPhone or other mobile digital device.

- No other pool or spa control device offers such convenience.
- Easily turn on your spa and set it to the perfect temperature on your way home from work.
- Control all circuits when you are away—including waterfalls, pool lights, fountains and more.
- Use the History page to monitor temperature, pool/spa, heater and lights from afar.



WE'VE BROUGHT ENERGY SAVINGS WITHIN EASY REACH

The Eco Select® Brand designates eco-friendly products that conserve energy, minimize water usage, reduce noise or otherwise contribute to a more environmentally responsible pool system. As the global leader in pool and spa equipment manufacturing, we stand at the forefront in providing greener choices for our customers. We hope you'll join us in embracing more eco-friendly poolscape by choosing Eco Select brand products like this one for your swimming pool.

FINGERTIP CONVENIENCE, WORLDWIDE CONTROL—FROM YOUR FAVORITE MOBILE DIGITAL DEVICE
How can you manage your pool or spa with our ScreenLogic interface app? Just about any way you want—from just about anywhere.

Easy to navigate. To get started, just choose what you want to manage from a simple home screen.

Temperature control for pool and spa. Getting off work an hour from now? Crank up the temperature on the spa, kick on the pool pump and even choose the heater mode: Solar, Solar Preferred, or Heater. When you arrive, your place of relaxation will be waiting.

Like standing in front of the control panel. If you've set up a Waterfall, Jets, or Spillway on your IntelliTouch® or EasyTouch® control system, then those circuits—and any others you've similarly chosen—will show up on the Circuits screen of your ScreenLogic interface app. Which means you enjoy push-button control anytime from anywhere.

AVAILABLE FROM:


Your ScreenLogic interface app shows you a visual history of your pool and spa's operation. See how your water temperatures have changed over time. Confirm the exact periods that the Lights, Heater, Solar, Spa, and Pool modes have been used. Know your wishes are being followed and your money is being saved—no guesswork necessary.

If your pool is equipped with an IntelliTouch or EasyTouch system and a PC or Mac® computer ScreenLogic interface to access them, you're already good to go.

If you don't yet enjoy the benefits of an IntelliTouch or EasyTouch system, now's the ideal time to upgrade to electronic convenience and get mobile digital device remote control at the same time. If you're an IntelliTouch or EasyTouch system owner, you can gain iPad®, iPhone® and iPod touch® mobile digital device or Android® device access through a PC and Mac computer ScreenLogic Interface and Wireless Connection Kit (Part # 522104).

This kit lets you remotely manage your pool and spa through your PC or Mac computer as well as your mobile digital devices.

Documents / Resources

 <p>PENTAIR iS4 SPA-SIDE REMOTE CONTROL FOR USE WITH PENTAIR CONTROL SYSTEMS</p> <p>INSTALLATION AND USER'S GUIDE</p> <p>IMPORTANT SAFETY INSTRUCTIONS READ AND FOLLOW ALL INSTRUCTIONS SAVE THESE INSTRUCTIONS</p>	<p>PENTAIR iS4 Spa Side Remote Control for Use with Pentair Control Systems [pdf] User Guide</p> <p>iS4, Spa Side Remote Control for Use with Pentair Control Systems, iS4 Spa Side Remote Control, iS4 Spa Side Remote Control for Use with Pentair Control Systems, Spa Side Remote Control</p>
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References

-  [Residential Pool Supplies and Pool Solutions | Pentair](#)

Manuals+.