



Sunlover Heating Oasis Smart Pool and Spa WiFi Control System User Guide

[Home](#) » [sunlover heating](#) » Sunlover Heating Oasis Smart Pool and Spa WiFi Control System User Guide 



Pool & Spa WiFi Control System
Oasis Smart



INSTALLATION AND SET UP GUIDE



Contents

1 INSTALLATION

2 SETUP

3 GETTING SET UP

4 ADDITIONAL INFORMATION

5 Documents / Resources

5.1 References

INSTALLATION

MASTER CONTROLLER & EXPANSION UNIT/S INSTALLATION

- Find a suitable location to mount the control box. Ideally, as with all pool equipment, it should be installed out of direct weather and no closer than 3 meters from the water's edge, at a minimum 600mm above ground. The power cable is 1.8m long and should be plugged directly into a general power outlet, not into an extension lead.
- Fix the mounting bracket to a solid structure via screws and wall plugs kit provided, and slide the controller on, locking into place.
- To remove unit, lift and gently pull away from mounting bracket.

DO NOT TURN THE POWER ON TO THE MASTER CONTROLLER OR THE EXPANSION UNITS UNTIL ALL THE FOLLOWING CRITERIA HAS BEEN MET.

- Install Pool sensor as per instructions on page 3 of the manual.
- Install Roof sensor (if option chosen) as per instructions on page 3 of the manual.
- If required, fit and install any Valves Actuators that are required to run the system. Plug the cable from the Valve Actuator/s into the Valve sockets located beneath the Master Controller (see diagram located on p4 of the manual for location). Up to 4 Valve Actuators can be installed and controlled.
- If a Gas Heater or Heat Pump is installed, then connect either the Heater Interlock cable or the Pump Call cable as per the instructions under HEATER CONTROL on p2 of the main instruction booklet.

REMEMBER: IF THE HEATER'S FLOW OR PRESSURE SWITCH CIRCUIT IS 240VAC, AN EXTERNAL RELAY CAN BE PURCHASED SEPARATELY AND IS TO BE INSTALLED (KIT09) BY A LICENSED ELECTRICIAN.

- Plug the communication cable from Expansion Unit 1 (if optioned) beneath the Master Controller. (see diagram on page 4]
- Plug the communication cable from Expansion Unit 2 (if fitted) beneath the Expansion Unit 1. (see diagram on p4)
- Plug in the Filtration Pump. If you have a variable speed pump, go to the next page to see the required wiring diagram for the brand/series of pump to be used.

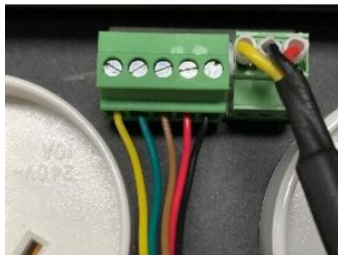
IF THE PUMP INSTALLED IS A RELTECH OR INSNRG, A MOTOR CABLE WILL NEED TO BE PURCHASED SEPARATELY.

If the filtration pump is a single speed pump, plug directly into one of the power sockets located on either the Master Controller or on an Expansion Unit. The pump may be plugged into the Sanitiser outlet and the Sanitiser plugged into the controller power outlet.

- Plug all other appliance power cables that will be controlled by the OASIS SMART into the power points located beneath the Controllers and ensure maximum current loads are not exceeded.

5 PIN PUMP CONNECTION PLUG

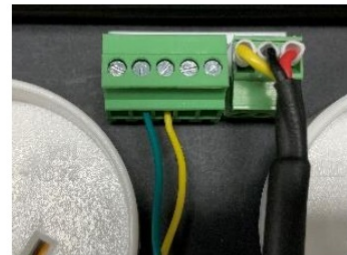
**THERALUX
RELTECH**



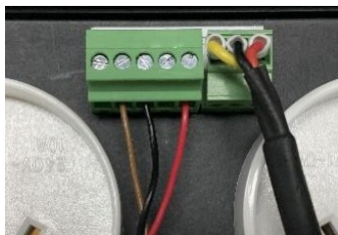
**THERALUX 485
RELTECH 485**



PENTAIR VS/F



DAB



**INSNRG
(SUPPLIED BY INSNRG)**



**INSNRG
(CAT5 CABLE)**



THERALUX RELTECH	Yellow Wire	Green Wire	Brown Wire	Red Wire	Black Wire
THERALUX 485 RELTECH 485	Black Wire	Yellow Wire	Green Wire	Red Wire	Brown Wire
PENTAIR VS/F	None	Green Wire	Yellow Wire	None	None
DAB	None	Brown Wire	Black Wire	None	Red Wire
INSNRG (SUPPLIED BY INSNRG)	None	White/Orange Stripe Wire	Orange Wire	None	None
INSNRG (CATS CABLE)	None	Brown/Brown Stripe Wire	Brown Wire	None	None

SETUP

THIS SEQUENCE MUST BE FOLLOWED:

- Turn the controller on at the power point, wait for 20 seconds before turning the power on to the first Expansion Unit. Wait a further 20 seconds before turning on the second Expansion Unit, if fitted.
- This sequence is to ensure that the Master Controller recognizes the Expansion Units in the correct order. Do this within the first 2mins while the Master Controller is actively scanning. The Wi-Fi Indicator should be slowly FLASHING Go to APP GUIDE – next page

If setting up through the controller, start at the Installer menu and follow through each section.

- Enter the menu as described in the manual, move ↑ or ↓ to highlight Installer Menu and press Enter. Move through the Installer Menu options until 6.10 Expansion Unit is highlighted, press Enter.

You are looking to ensure that the Master Controller has recognised that there are Expansion boxes connected. Press Enter, then use the ↑ or ↓ buttons to change the number of Expansion Units required: 0, 1, or 2. Once the amount you require is displayed, press Enter to accept. Press Enter to accept NO for Resetting the Expansion addresses.

- Once returned to Installer Menu, move to highlight 6.1 Appliances. Press Enter. Move through the power sockets, valves and VF contact to assign appliances to them. Sockets 3-5 are Expansion Unit 1 and sockets 6-8 are Expansion Unit 2.
- From there it will be a case of moving down through the rest of the Installer Menu options, entering what is attached to the system and how it works in conjunction with everything else.

Once everything within the system has been assigned you can then move back to the main menu and work through, entering Filtration Times, Temperature Settings, Timers and Lights.

If you don't go through the Installer Setup first, the Main Menu will be limited.

Once the App has been installed and the QR code scanned, all settings can be changed via the App on a phone.

GETTING SET UP

Before downloading the App for the OASIS SMART controller, please ensure that the controller has been turned

on, the Wi-Fi indicator is slowly flashing, and the setup phone is connected to the 2.4 G home Wi-Fi.(setup will not work using 5 G)

- Download the OASIS SMART App
- Scan the QR code on the front of this page or rear of main controller
- Add the home Wi-Fi password in Device Setup
- You are now ready to set up appliances

DEVICE: there are several options that may be utilised.

- **QR Code:** Scan or Share:

Scan – You can use this option to scan the QR code for the controller if your phone doesn't ask for the QR code to be scanned at initial startup of the App.

Share – A simple way to add users that have downloaded the App.

- **Wi-Fi Connection:** Setup – Enter Network Password
- **Installer Menu:** Lock Access to the Installer Menu:

The Installer Menu can be locked once the system is set up to prevent equipment settings accidentally being altered by users who may not know how the system works or needs to be set up. Doing this will only enable people with the password to have access to the Installer Menu options. Once locked, the Installer Menu options won't be visible in the menu screen.

When you have locked the Installer Menu you will be asked to enter the password to unlock the Installer Menu options. Once unlocked the Installer Menu options will be visible to allow alteration.

- **Device Information:** You can type the device name here and see all relevant connection information and available UPDATES.

ADDITIONAL INFORMATION

When completed the App will display all settings currently set in your controller.

From here you can select or alter any of the settings that are currently active in your Master Controller.




A part of the  Sunlover Group

Victoria 6-8 Austral Place Hallam VIC 3803 Australia T: 03 9887 2131	New South Wales Unit 2, 10 Boden Road Seven Hills NSW 2147 Australia T: 02 9838 0000	Queensland 11 Andy Court Upper Coomera QLD 4209 Australia T: 07 5679 6821
--	--	---



oasisaquatics.com.au
info@oasisaquatics.com.au

Documents / Resources

 <p>Pool & Spa WiFi Control System Oasis Smart INSTALLATION AND SET-UP GUIDE</p> <p>INSTALLATION</p> <p>Before you begin, please read the following instructions carefully. The instructions are provided for your reference only. The actual installation and set-up process may vary depending on your specific system configuration and local regulations. Please refer to the relevant documentation for detailed information.</p> <p>1. Read the entire manual before starting the installation.</p> <p>2. Ensure that the power is turned off to the pool and spa before working on the control system.</p> <p>3. Verify that the control system is compatible with your pool and spa equipment.</p> <p>4. Follow the wiring diagram to connect the control system to the pool and spa equipment.</p> <p>5. Test the system after installation to ensure proper operation.</p> <p>6. Refer to the troubleshooting section if you encounter any issues.</p> <p>7. Contact your dealer or the manufacturer for assistance if needed.</p> <p>8. Keep this manual for future reference.</p> <p>9. Dispose of the old control system properly.</p> <p>10. Thank you for choosing Oasis Smart.</p>	<p>Sunlover Heating Oasis Smart Pool and Spa WiFi Control System [pdf] User Guide Oasis, Oasis Smart Pool and Spa WiFi Control System, Smart Pool and Spa WiFi Control System, Pool and Spa WiFi Control System, Spa WiFi Control System, WiFi Control System, Control System</p>
---	---

References

-  [Oasis Aquatics - Sunlover Heating - Solar Pool Heating](#)