

NEW! – NOW COMPATIBLE WITH TIMECLOCKS AND WI-FI SMART SWITCHES

Remote Handset



Receiver Base Station



QUICK START GUIDE

Aqua-Quip's InstaTouch remote-control system is designed to be used with Aqua-Quip's InstaTouch-enabled underwater lights (models: **Evo2, EvoMAX, EvoFG, EvoLV and QC Series**). Ensure that the lights being installed are InstaTouch-enabled by checking for the InstaTouch label on the rear of the light, or by checking the instructions that came with the lights. The InstaTouch remote-control consists of the Receiver (P/N: INS101) and the Handset (P/N: INS102). The handset allows you to select five animated lighting shows, seven fixed colours or your own colour selected from a scrolling palette, at four different brightness settings. The colours, shows and brightness can be controlled to two zones (typically your Pool and Spa) together or independently.

Note: For **plug & play** convenience, your handset and receiver have already been "paired".

- 1** Unpack the InstaTouch receiver, handset, batteries and mounting screws.
- 2** Keep this User Guide for future reference.
- 3** Insert the batteries into the remote handset, see Diagram B, Page 2.
- 4** Plug your lighting transformers into the receiver.
- 5** Plug the receiver into the wall outlet (GPO) and turn it on.
- 6** Wake up the handset by shaking or tapping it (indicator LEDs on the handset will temporarily illuminate)
- 7** Start using your new lighting system!

To get the best from your InstaTouch Smart Lighting Controller, please read the rest of this User Guide.

REMOTE CONTROL HANDSET

Before you can use your handset, you will need to install the two **AAA alkaline batteries**, included.

To install the batteries:

- Remove the silicone case.
- Slide the rear cover until disengaged, lift the rear cover off the body, see **A**.
- Install batteries, noting correct polarity, see **B**.
- Clip the rear cover back in place and re-fit the silicone case.

USING THE REMOTE CONTROL:

The handset features a “shake-to-wake” function to preserve battery life. Once woken, the remote will stay awake for 45 seconds after any button has been pressed, then turn off.

The remote can be woken by a **firm tap of the finger, or a shake**. Indicator LEDs will light up for a few seconds when the remote is woken.

The **ZONE-1**, **ZONE-2** and **ZONE 1+2 ON** and **OFF** buttons can be used to turn the pool and spa lights on or off together or independently.

The **ZONE-1 ON** and **ZONE-2 ON** buttons can also be used to control the **COLOUR** or **SHOW** of each zone, and its brightness, without affecting the other zone. Refer to Selecting Colours and Shows and Adjusting the Brightness.

SELECTING COLOURS AND SHOWS:

Pressing any of the seven **COLOUR** buttons or five **SHOW** buttons will change the colour or show of any zone which is turned on. Zones which are turned off will not be affected.

There are two ways to change the colour/show of one zone without affecting the other zone:

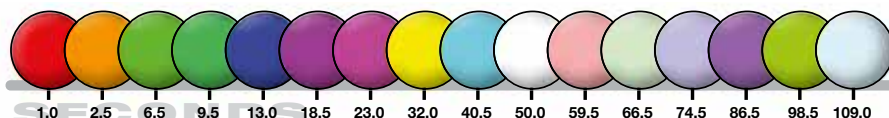
1. If only one zone is on: Just press the desired **COLOUR/SHOW** button.
2. If both zones are on: Press the **ZONE-ON** button for the zone you want to change, then press the desired **COLOUR/SHOW** button.

USING THE COLOUR SELECT FEATURE:

The operation of the **COLOUR SELECT** button alternates between displaying your chosen colour and scrolling through a palette of colours for your selection.

The default colour which is stored in the lights is **RED**. When you use the **COLOUR SELECT** button for the first time, the lights will display a fixed red colour.

Press the **COLOUR SELECT** a second time and the lights will begin scrolling through a palette which looks like this:



Once the lights display the colour you want, press the **COLOUR SELECT** button again. The lights will now hold that colour. Even if you then select a completely different fixed colour or show, or turn the lights off, your selected colour is stored and will be displayed next time you press the **COLOUR SELECT** button.

When you press the **COLOUR SELECT** button to start scrolling through colours again, the scroll will start from your previously-selected colour.

ADJUSTING THE BRIGHTNESS:

The **BRIGHTNESS** button varies the light intensity in four steps: (100%, 70%, 50%, 35%, back to 100% on the fifth press).



The brightness is varied for any zone which is turned on at the time.

The lights will remember their brightness setting when power is turned off (for more than ten seconds) and will turn back on at the selected brightness.

RE-SYNCHRONISING YOUR LIGHTS:

If your lights are out of synchronisation, try selecting a different colour, then select your preferred colour or show. Alternatively, reset your lights by pressing **ZONE 1+2 ON**, then press the **RED** and **GREEN** and **BLUE** colour buttons simultaneously (needs three fingers).

The lights will turn off for 6.5 seconds. When they turn on again, they will show “blue” colour. The brightness will be 100% for all lights, and the **COLOUR SELECT** colour will be reset to “red”.

REMOTE CONTROL RECEIVER

The InstaTouch receiver mounts onto the wall in your pool plant room with 2 screws, provided. The screw heads should protrude 5mm off the wall, to allow the screw heads to enter the receptacles in the rear face of the receiver (see Diagram C). The receiver must be plugged into a standard power point (GPO), and the lighting transformer(s) plugged into the outlet(s) on the underside of the receiver.

If choosing to operate the InstaTouch on "Normal Mode" which is the factory default - then plug the receiver directly into a standard power point (GPO).

If choosing to operate the receiver from a Timeclock or Wi-Fi Smart Switch - then refer to Diagram D below.

See set-up notes on Page 4.

Diagram C – Mounting

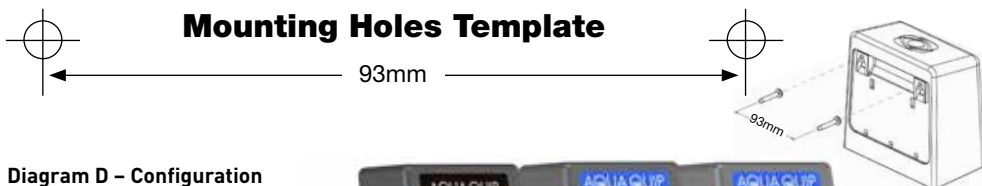


Diagram D – Configuration



Note: Some retro-fit installations may have the lighting transformers hardwired to the mains power supply. If so, a qualified electrician must fit a GPO to the mains power supply and fit three-pin plugs to the lighting transformers. **DO NOT hardwire the receiver to the mains supply.** The receiver is rated IP33 and should be located under cover, next to the lighting transformers.

Receiver Alert Tones: The receiver will beep once when power is applied, and beep again (twice) five seconds later. The receiver can be paired with remote handsets during this five-second period (see below), but not after the five-second beep. The receiver will beep each time a button on a paired remote is pressed, to acknowledge that it has received a command.

Pairing New or Additional Remotes: Receivers must be 'paired' to handsets, so they receive commands only from your handset. The receiver and handset you purchased together will be paired already.

Each receiver may be paired with up to eight handsets. When you purchase additional handsets, or replace a lost handset, it must be paired to your receiver(s). Multiple receivers can be operated from a single handset.

A handset is paired to a receiver simply by pressing the **WHITE BUTTON** on the handset for 2 seconds within five seconds of turning power on to the receiver. The easiest way to do this is, turn off the power to the receiver, bump the remote to wake it up and press any of the green "Zone On" buttons, turn on power to the receiver, press the **WHITE BUTTON** on the handset for 2 seconds within five seconds of turning on the receiver and it will be paired.

Transmission Range: The straight-line transmission range is over 80 metres if there are no obstructions between the handset and receiver. In typical urban environments, where the radio signal may have to go around several corners or penetrate several walls, the range is typically around 40-45 metres. The range will be reduced if the receiver is located in a metal-walled enclosure, or behind a reinforced concrete wall, or adjacent to other equipment which generates interference (such as some motor drives and chlorinators). Mount the receiver as far away from other electrical equipment as possible (a half-metre separation is usually sufficient). If your transmission range is poor due to the receivers' location, our P/N: INS500 Antenna Extension Kit is available. Contact Aqua-Quip.

WI-FI SMART SWITCHES AND TIMECLOCKS

NEW – September 2024 – InstaTouch can now be controlled by Wi-Fi Switches and Timeclocks. Commencing with Serial Number T20933.

This firmware upgrade allows you to select between “Normal Mode” and “Timeclock Mode”.

Normal Mode: (default) When power is applied to a “Normal Mode” receiver, its outputs remain off until you use the InstaTouch Handset to activate your lights.

Timeclock Mode: Allows you to set run-time schedules via Wi-Fi Switch smartphone apps and from readily available plug-in Timeclocks. When power is applied to a “Timeclock Mode” receiver, its outputs are powered up and pool lights will automatically turn on.

To change from “Normal Mode” to “Timeclock Mode”: Apply power to the Receiver and press the Handset GREEN button during the first 5 seconds. The InstaTouch receiver will play “William Tell Overture” to indicate that next time it is powered up, it will be in Timeclock Mode.

To change from “Timeclock Mode” to “Normal Mode”: Apply power to the Receiver and press the Handset RED button during the first 5 seconds. The InstaTouch receiver will play “Shave and a Haircut – two bits” to indicate that next time it is powered up, it will be in Normal Mode.

GENERAL NOTES: Underwater lights must be connected to **12V AC transformers**, which then plug into the outlets on the InstaTouch receiver. Failure to observe this condition will void your warranty and cause an extremely hazardous risk of electrocution.

Remote Handset is highly water resistant, but not waterproof – do not submerge.

If needing to test or control your pool lights without the Remote Handset, lights can still be operated from the power point (GPO) that your InstaTouch Receiver is plugged into. Unplug the transformer(s) from the receiver and plug them into the power point instead of the receiver. Cycle through the colours and shows by turning the lights off for 3-4 seconds then turning them back on, repeating until you find your favourite colour/show.

CAUTION: If the supply cord is damaged, it has to be replaced by the manufacturer, manufacturer’s service agent or a similarly qualified person in order to avoid a hazard.

TROUBLESHOOTING:

Battery Life: Your batteries should last for several years of normal use. However, battery life will be reduced if the handset is frequently woken by unintended vibration – for example, if the handset is stored in a frequently used drawer, or on a table which is often bumped, or during road transport. Find a safe, stable place to store your handset, and remove the batteries over winter and during transport.

GOOD BATTERIES and FLAT BATTERIES

Unlike most of the remote controls you have in your household, the InstaTouch handset lets you know whether its batteries are good or flat.

- If the batteries are good, all four indicator LEDs light up for one second when the handset is woken from sleep.
- If the batteries are too weak to allow good transmission, the four indicator LEDs will flash for three seconds when woken and then fade out. This indicates that the batteries will require changing.

Download full specifications from our website by scanning the QR Code on your smart phone or by visiting aquaquip.com.au/instatouch

Register your warranty online at www.aquaquip.com.au/product-registration



Your **InstaTouch** Serial Number:

Automatic Pool Cleaners (Australia) Pty Ltd (**Aqua-Quip**) warrants the InstaTouch Lighting Controller to be free from original manufacturing defects and faulty materials under normal use and reasonable care for a period of 12 months, from the date of original purchase unless otherwise stated and subject to the following terms and conditions. Warranty applies only to the original purchaser. The company reserves the right to repair or replace any faulty products, at its own discretion. Warranty on handset is void if submerged. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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