



DUAL ZONE REMOTE CONTROLLER

NEW! NOW COMPATIBLE WITH TIMECLOCKS AND SMART SWITCHES

User Guide



QUICK START GUIDE

The Dual Zone remote control consists of the Receiver (P/N: INS201) and the Handset (P/N: INS202). The handset allows you to control power to devices connected to the receiver, either independently or together. Combined total load may be up to 2400 watts.

Quick Installation:

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

1. Unpack the Dual Zone receiver, handset, batteries and mounting screws.
2. Keep this User Guide for future reference.
3. Insert the batteries into the remote handset, see Diagrams below.
4. Plug your devices 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 handset will temporarily illuminate).
7. Start using your new remote control system!

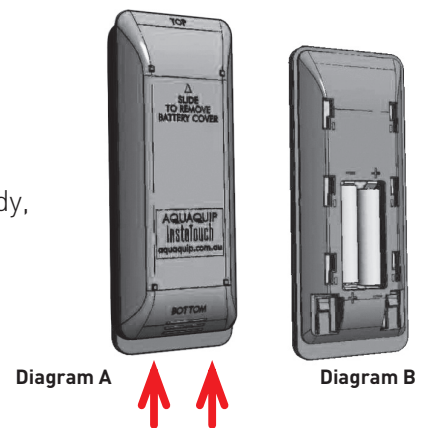
To get the best from your Dual Zone Remote Controller, please read the rest of this User Guide.

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 outer silicone case.
- Slide the rear cover until disengaged, lift the rear cover off the body, see Diagram A.
- Install batteries, noting correct polarity, see Diagram 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. 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 connected devices on or off together or independently.

REMOTE CONTROL RECEIVER

The Dual Zone 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 electrical device(s) plugged into the outlet(s) on the underside of the receiver.

If choosing to operate the Dual Zone Controller on “Normal Mode” which is the factory default - then plug the receiver directly into a standard power point (GPO).

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

See set-up notes on Pages 3-4.

Diagram C – Mounting



Diagram D – Configuration

Timeclock or Wi-Fi Smart Switch is optional (not supplied). See set-up notes below and on Page 4.



- **Do not hardwire the receiver to the mains supply.**
- **The receiver is rated IP33 and should be located under cover.**

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 red **“ZONES 1 & 2 OFF”** button for one second during the first 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, turn on power to the receiver, press the red **“ZONES 1 & 2 OFF”** on the handset for 1 second within five seconds of turning on the receiver and it will be paired. The receiver will beep once it’s paired, and two beeps at the end of the five-second pairing period.

Deep Clearing: The receiver may need to be deep-cleared if it is (for example) accidentally paired to a neighbour’s handset. Simultaneously press the red **“ZONE 1 OFF”** and the red **“ZONE 2 OFF”**, buttons during the five-second pairing period. Your handset – and only your handset – will now be paired to the receiver.

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 – October 2024 – Dual Zone Remotes can now be controlled by Wi-Fi Switches and Timeclocks. Commencing with Serial Number T21092.

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 Dual Zone Handset to activate your electrical device(s).

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 your electrical device(s) will automatically turn on. This is particularly handy for devices controlling garden lights and water features – where you may want to run them regularly.

CAUTION: an unintended power outage (even momentarily) will cause connected devices to turn ON when power is re-established. OK for garden lights, maybe not so good if power is restored to a noisy Spa Blower at 3am.

To change from “Normal Mode” to “Timeclock Mode”: Apply power to the Receiver and press the green “ZONES 1 & 2 ON” button during the first 5 second pairing period. The Dual Zone receiver will “chirp” 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 red “ZONES 1 & 2 OFF” button during the first 5 second pairing period. The Dual Zone receiver will “beep” to indicate that next time it is powered up, it will be in Normal Mode.

GENERAL NOTES:

If controlling underwater pool lights from the Dual Zone Remote, ensure that lights are connected to 12V AC transformers, which then plug into the outlets on the Dual Zone 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.

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.

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 Dual Zone handset lets you know whether its batteries are good or flat.

- If the batteries are good, all 3 LEDs light up for one second when the handset is woken from sleep.
- If the batteries are too weak to allow good transmission, the three LEDs will flash for 3 seconds when woken and then fade out. This indicates that the batteries will require changing.

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

	Your Serial Number:
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Automatic Pool Cleaners (Australia) Pty Ltd (**Aqua-Quip**) warrants the Dual Zone Remote 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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