

AQUADECK®

POOLCOVERS



Remote manuel

welldana®
Pollet Pool Group



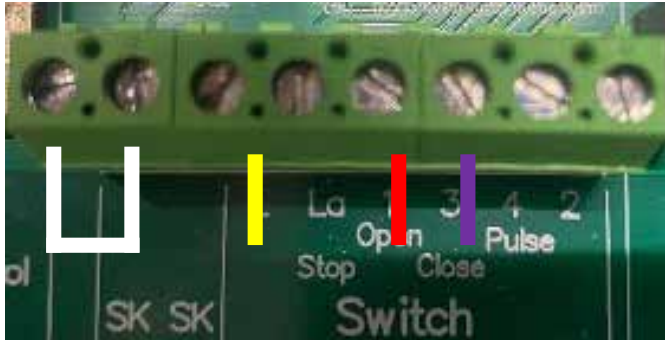
Content

1	Connecting a 4-channel remote control to ECB with key switch	4
	1.1 ECB-control box	4
2	Connecting a 4-channel remote control to ECB without a key switch	5
	2.1 ECB-control box	5
3	Connecting a 4-channel remote control to DCB with or without a key switch	6
	3.1 DCB-control box	6
4	Connecting a 4-channel remote control to Discover	7
	4.1 Discover-control box	7
5	Connect 230 Volt	8
6	Functions remote	8
7	Install antenna (optional)	8
8	Overview of connection diagram	9
9	Programming the remote-control for control-box ECB and Discover	10
	9.1 Clear all relays	10
	9.2 Programming the handheld transmitter on the remote control	10
	9.3 Confirm programming	11
	9.4 Relay priority	11
10	Programming the remote-control for control-box DCB	12
	10.1 Clear all relays	12
	10.2 Programming the handheld transmitter on the remote control	12
	10.3 Confirm programming	13
	10.4 Relay priority	13
	Appendix	14

1. Connecting a 4-channel remote control to ECB with key switch

1.1 ECB-control box

Connect the remote control in parallel to the key switch:



Place a bridge between SK and SK at the ECB (this is already there in the original)

Connect L ECB to 1 remote control controller

Connect 1 (Open) of the ECB 2 remote control controller

Connect 3 (Close) of the ECB 5 remote control controller



Now build a bridge between 1 and 4.



For an option to connect, for example, light and fountain, etc.:

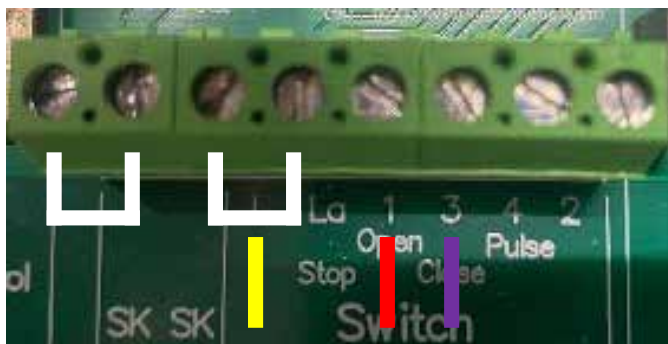
Connect pins 7 and 8 to the phase neutral of the ~230 volts or the + terminal of a transformer, so that it can be switched via these relays.



2. Connecting a 4-channel remote control to ECB without key switch

2.1 ECB-control box

Connect the remote control:



Build a bridge between SK and SK at the ECB (this is already there in the original)

Build a bridge between L and La at the ECB

Connect L ECB to 1 remote control controller

Connect 1 (Open) of the ECB 2 remote control controller

Connect 3 (Close) of the ECB 5 remote control controller



Now build a bridge between 1 and 4.



For an option to connect, for example, light and fountain, etc.:

Connect pins 7 and 8 to the phase neutral of the ~230 volts or the + terminal of a transformer, so that it can be switched via these relays.



3. Connecting a 4-channel remote control to DCB with or without a key switch

3.1 DCB-control box

Connect the remote control to the key switch connector.



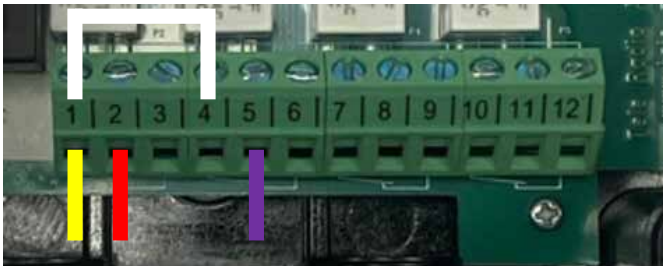
Connect BUT COM GND to 1 remote control

Connect BUT OPEN to 2 remote control

Connect BUT CLOSE to 5 remote control



Now build a bridge between 1 and 4.



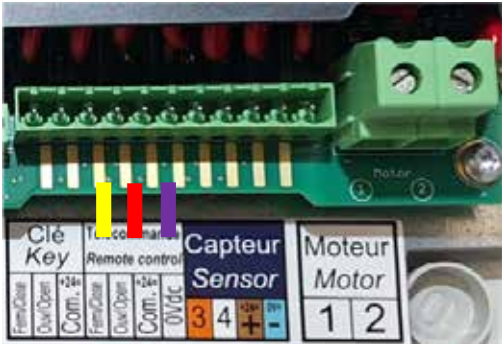
For an option to connect, for example, light and fountain, etc.:

Connect pins 7 and 8 to the phase neutral of the ~230 volts or the + terminal of a transformer, so that it can be switched via these relays.



4. Connecting a 4-channel remote control to Discover

4.1 Discover-control box



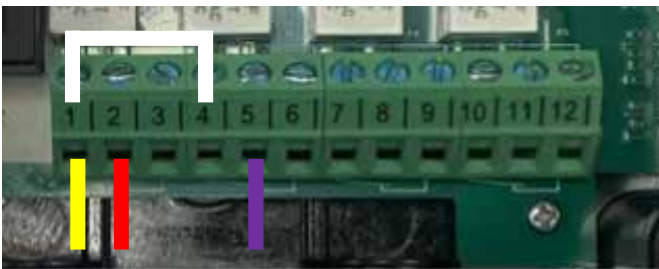
Connect Ferm/Close Discover to 1 remote control

Connect Ouv/Open Discover to 2 remote control

Connect Com 24+ Discover to 5 remote control



Now build a bridge between 1 and 4.



For an option to connect, for example, light and fountain, etc.:

Connect pins 7 and 8 to the phase neutral of the ~230 volts or the + terminal of a transformer, so that it can be switched via these relays.



5. Connect 230 Volt



6. Functions remote

The handheld transmitter is already paired with the remote control unit.

The buttons are pre-programmed; to pair them correctly, reset the unit to reprogram the buttons. This applies to every Aquadeck control box.



Part no: 22499000753

7. Install antenna (optional)

Plug the antenna into the side of the remote control.



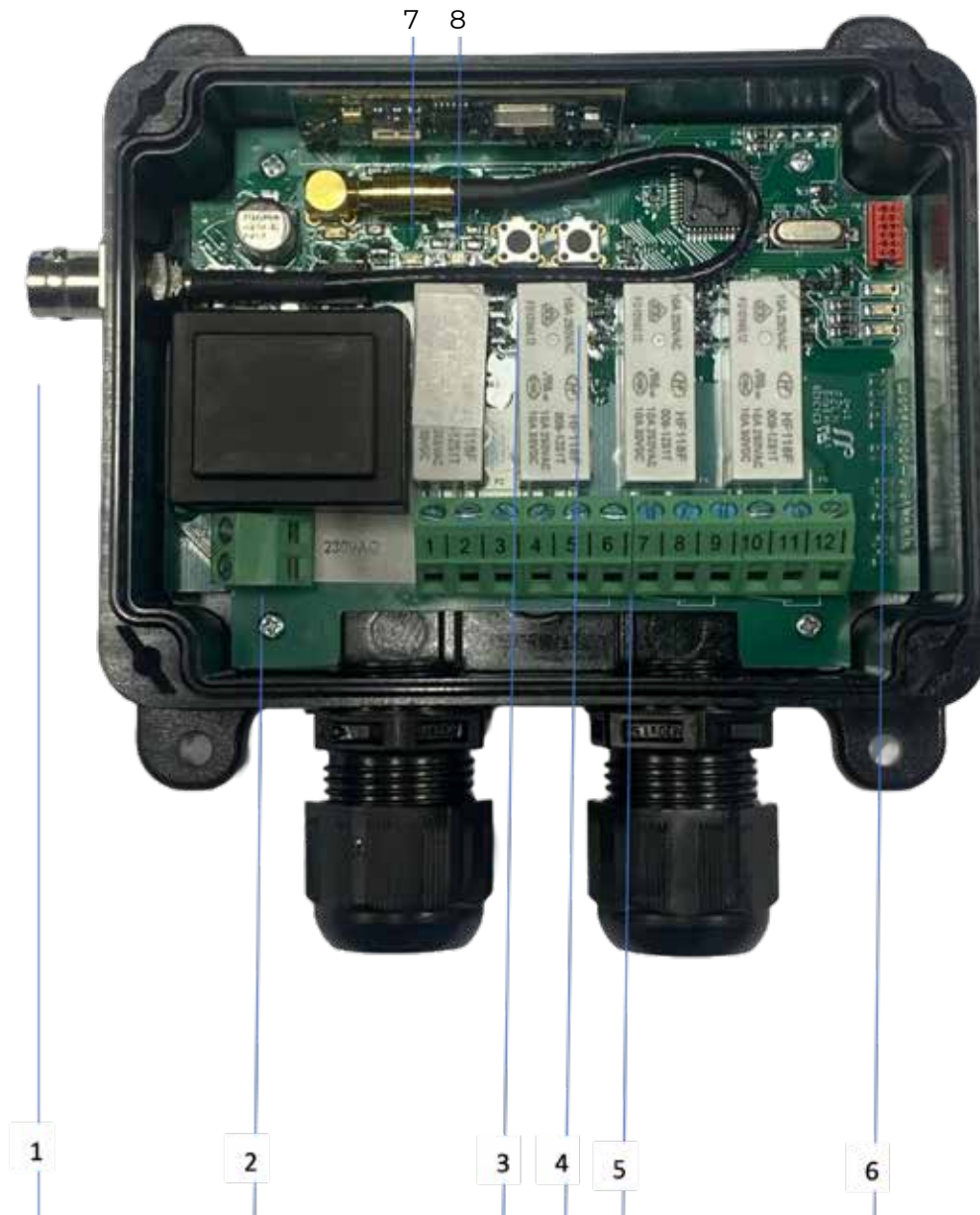
Part no: 22499000748



Part no: Not applicable, only available as a set.

8. Overview of connection diagram

Part no. complete receiver + handheld transmitter: 22470000009



1 = Antenna socket

2 = 230 Volt connection

3 = Function button

4 = Select button

5 = Relay connections

6 = Status leds:

- Red : Light on: code can be learned, flashing: adjustable code learned,
- flashing twice: one or more fixed codes have been learned.
- Yellow : Flashes when one of the relays has a hold function.
- Green : Flashes when one of the relay pairs has a Prio function.

7 = Yellow LED, lights up when the receiver has the correct supply voltage.

8 = Green LED, lights up when the receiver is receiving radio signals..

9. Programming the remote-control for control-box ECB and Discover

9.1 Clear all relays

Press the Function button (3), then immediately follow with the Select button (4).

Now the LED above each relay will light up (red).

Now press the Select button (4) again and hold it down until all the LEDs above the relays go out. This takes about 8 seconds. Now all relays have been cleared of their functions.

9.2 Programming the handheld transmitter on the remote control

Switch on remote control:



1. Press the function button until the red LED (6) lights up.
2. Now press the Select button (4) immediately; all 4 LEDs will light up above all 4 relays.
3. Press the function button (3) to select relay 1.
 - 3.1 Now press the Open button on the remote control, then press the Select button (4).
Wait a moment... now press the Open button on the remote control again.
The red LED (6) will flash three times. Open is now confirmed and programmed.
4. Repeat steps 1 and 2.
5. Press 2 x the function button (3) to select relay 2.
 - 5.1 Now press the Close button on the remote control, then press the Select button (4).
Wait a moment... now press the Close button on the remote control again.
The red LED (6) will flash three times. Close is now confirmed and programmed.
6. Repeat steps 1 and 2.
7. Press the function button (3) to select relay 1.
 - 7.1 Now press the Close button on the remote control, then press the Select button (4).
Wait a moment... now press the Close button on the remote control again.
The red LED (6) will flash three times. Close is now confirmed and programmed.
8. Repeat steps 1 and 2.
9. Press 2 x the function button (3) to select relay 2.
 - 9.1 Now press the Close button on the remote control, then press the Select button (4).
Wait a moment... now press the Close button on the remote control again.
The red LED (6) will flash three times. Close is now confirmed and programmed.

Relais 3 can be used for swimming pool lighting, fountains, etc.

10. Repeat steps 1 and 2.

11. Press 3 x the function button (3) to select relay 3.

11.1 Now press the Pool button on the remote control, then press the Select button (4).

Wait a moment... now press the Pool button on the remote control again.

The red LED (6) will flash three times. Pool is now confirmed and programmed.

How to now set the hold function on relay 3 (Pole function).

12. Press the function button until the red LED (6) lights up.

12.1 Press the function button until the red LED (6) lights up.

12.2 Press the function button again so that the yellow LED (6) lights up.

12.3 Now press the select button (4)

12.4 Press 3 x the function button (3) to select relay 3.

12.4.1 Now press the Select button; the red LED above the relay will light up.

This hold function is now active on this relay.

12.5 Now press the function button twice more. Everything is now programmed.

Relay 4 is a spare relay.

9.3 Confirm programming

Check the programming by testing the transmitter's 'Function' buttons.

The green LED lights up when the receiver receives the signal and the red relay LED lights up when the relay is activated.

9.4 Relay priority



PLEASE NOTE

IN THE CASE OF SIMULTANEOUS RELAY FUNCTION, THE FOLLOWING PRIORITY APPLIES:

Relays 1 + 2:	Relay 2 has priority.
Relays 2 + 3:	Relay 2 has priority.
Relays 1 + 2 + 3:	Relay 2 has priority.
Relays 1 + 3:	No effect.

10. Programming the remote control for control-box DCB

10.1 Clear all relays

Press the Function button (3), then immediately follow with the Select button (4).

Now the LED above each relay will light up (red).

Now press the Select button (4) again and hold it down until all the LEDs above the relays go out. This takes about 8 seconds. Now all relays have been cleared of their functions.

10.2 Het programmeren van de handzender op de afstandsbediening

Switch on remote control:



1. Press the function button until the red LED (6) lights up.
 2. Now press the Select button (4) immediately; all 4 LEDs will light up above all 4 relays.
 3. Press the function button (3) to select relay 1.
 - 3.1 Now press the Open button on the remote control, then press the Select button (4).
Wait a moment... now press the Open button on the remote control again.
The red LED (6) will flash three times. Open is now confirmed and programmed.
 4. Repeat steps 1 and 2.
 5. Press 2 x the function button (3) to select relay 2.
 - 5.1 Now press the Close button on the remote control, then press the Select button (4).
Wait a moment... now press the Close button on the remote control again.
The red LED (6) will flash three times. Close is now confirmed and programmed.
- Relais 3 can be used for swimming pool lighting, fountains, etc.
6. Repeat steps 1 and 2.
 7. Press 3 x the function button (3) to select relay 3.
 - 7.1 Now press the Pool button on the remote control, then press the Select button (4).
Wait a moment... now press the Pool button on the remote control again.
The red LED (6) will flash three times. Pool is now confirmed and programmed.

How to now set the hold function on relay 3 (Pole function).

8. Press the function button until the red LED (6) lights up.

8.1 Press the function button until the red LED (6) lights up.

8.2 Press the function button again so that the yellow LED (6) lights up.

8.3 Now press the select button (4)

8.4 Press 3 x the function button (3) to select relay 3.

8.4.1 Now press the Select button; the red LED above the relay will light up.

This hold function is now active on this relay.

8.5 Now press the function button twice more. Everything is now programmed..

The Stop button is not programmed, as you activate the Stop function of the cover by pressing Open or Close on the handheld transmitter.

Relay 4 is a spare relay; if necessary, you can use it for the Stop button.

10.3 Confirm programming

Check the programming by testing the transmitter's 'Function' buttons.

The green LED lights up when the receiver receives the signal and the red relay LED lights up when the relay is activated.

10.4 Relay priority



PLEASE NOTE

IN THE CASE OF SIMULTANEOUS RELAY FUNCTION, THE FOLLOWING PRIORITY APPLIES:

Relays 1 + 2:	Relay 2 has priority.
Relays 2 + 3:	Relay 2 has priority.
Relays 1 + 2 + 3:	Relay 2 has priority.
Relays 1 + 3:	No effect.

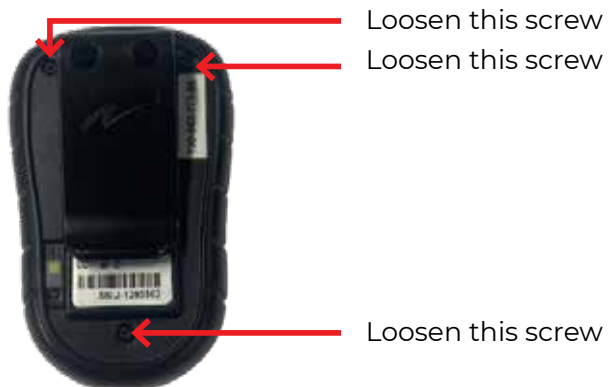
Appendix

Remote control controller:

Input power:	*A=12-24V AC/DC, B=230V AC, C 48V AC, D= 115V AC
Frequency:	L=433 Mhz, M=869 Mhz, LI=433 Mhz Internal antenna
Dimensions:	132 x 133 x 45 mm
IP protection class:	65
Transmitter power:	T20, T60, 460

Remote control:

2 x AAA Batteries.





www.aquadeck.nl

AQUADECK®
POOLCOVERS