

LEDpool light Remote Control
with built in transformer

OWNER'S MANUAL

PL-REM-200

Long range DuraLink™ version



Controls Spectravisision Pool Lights
and 2 auxiliary circuits

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Technical specifications

Electrical specifications

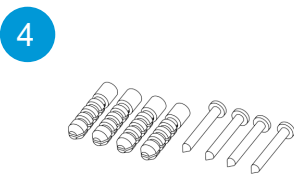
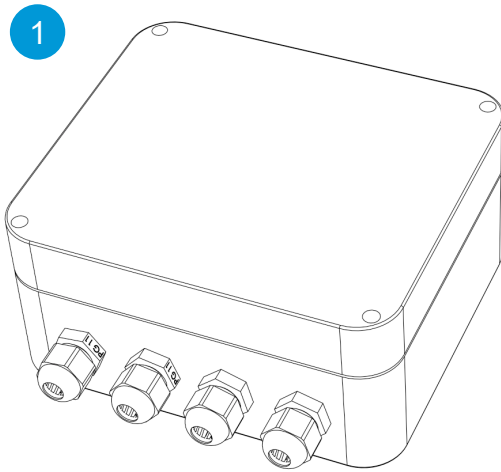
Nominal Input voltage	230 VAC 50 Hz
Output voltage on Lamp Output	12 VAC
Max output current on Lamp Output	16,7 A
Max rating Relay Contact A and B Resistive Load	14A 250VAC 14A 30VDC
Inductive Load	6A 250VAC 6A 30VDC
Transformer VA rating	200VA
Fuse type	5x20mm cartridge fuse 5A 250V slow blow/time lag
Frequency band transmitter	868 MHz
IEC Protection Class	Class II 

General specifications Controller

Ambient air temperature	0°C ... +40°C
Humidity	10% ... 90% RH non condensing
Dimensions	195x194x90 mm
Weight	3,2 kg
Ingress protection rate	IP54

Box contents

1. PL-REM-200 controller
2. Handheld transmitter (DuraLink™ version)
3. Spare battery (type A23 12V)
4. Screws (4x) & wall plugs (4x)
5. Owners's manual

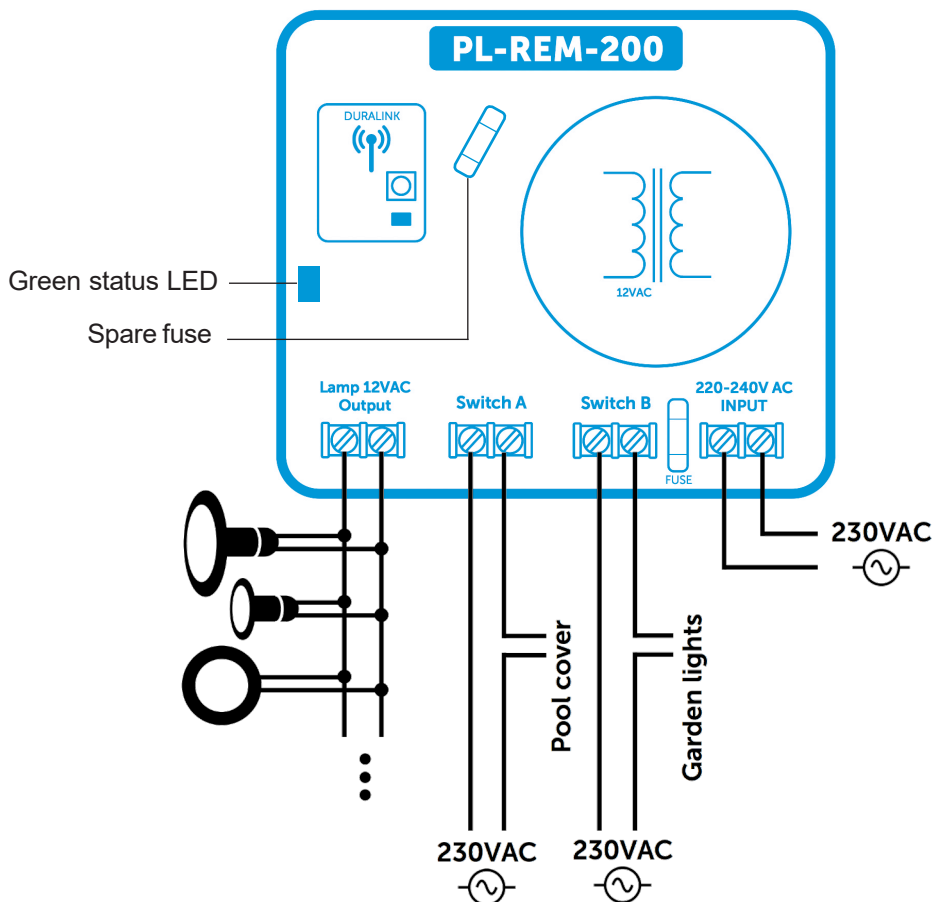


Installation instructions

- Connect a 230VAC power source to the “220-240VAC INPUT” terminal
- Connect the swimming pool lights to the “Lamp 12VAC output” terminal

⚠ Make sure the total load of pool lights does not exceed 200Watt

Optional: The “Switch A” & “switch B” terminals can be used to control auxiliary circuits like a pool cover or garden lights.



Pairing handheld transmitter & controller

The handheld transmitter is already paired in the factory and ready to use. The PL-REM-200 can pair with up to 6 handheld transmitters. In case a problem arises, the pairing process can be done manually:

Manual Pairing process:

Make sure the PL-REM-200 is connected to a power source.

1. Press the pairing button on the small circuit board, inside the controller for at least 5 seconds.

--> The LED will start to blink fast

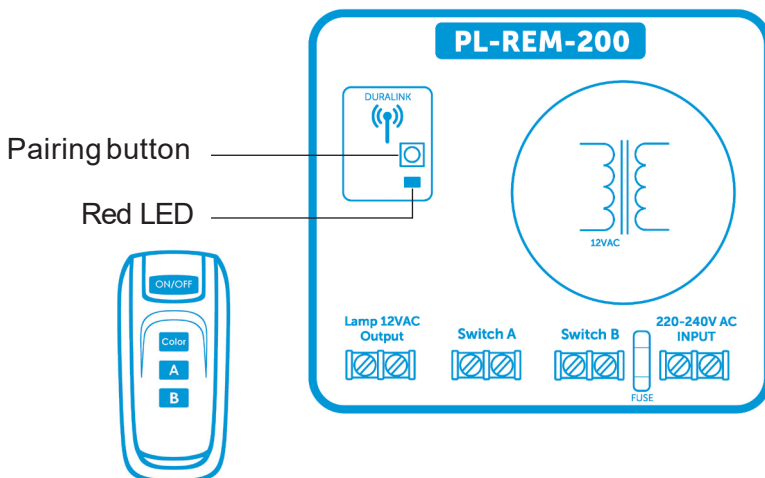
2. Within 25 seconds, press any button on the handheld transmitter.

--> If the transmitter is paired correctly, the LED will flash slowly for 5 times

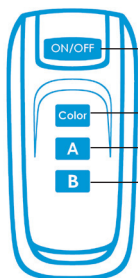
--> If the PL-REM-200 pairing memory is full, the LED will flash 15 times.
This means 6 handheld devices have already been paired.

To unpair all handheld transmitters with the controller: Push the pairing button for at least 5 seconds, then do nothing for at least 25 seconds.

--> The pair memory will be erased- the red LED will flash 5x on/off.



Handheld transmitter functions



Toggle the lamps ON/OFF

Go to next color scenario

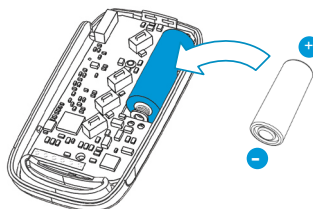
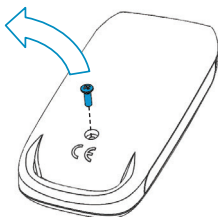
Toggle Output A ON/OFF

Toggle Output B ON/OFF

Replacing transmitter battery

- Remove the philips head screw and open the transmitter
- Replace the battery, respecting the polarity

Battery type: A23 12V



Troubleshooting

PROBLEM

The controller doesn't react to transmitter commands

SOLUTION

- Check the battery of the handheld transmitter
- The transmitter is not paired correctly with the controller. Repeat the pairing process
- Reduce the distance between handheld transmitter and PL-REM-200 and/or remove obstacles

The pool lights don't work

- Check the green status LED
- Check if there is 12VAC output at the terminals of the controller
- Check the fuse of the controller

If the fuse is ok, and there is still no 12VAC output, contact your distributor

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