

KELDAN

Advanced Lighting Technology

Operating Instructions

RC2 Remote Control



For Professionals Who Know The Difference

INTRODUCTION

- The KELDAN RC2 remote control is based on ultrasonic technology.
- It has two brightness channels. Each channel can address an infinite number of lights simultaneously.
- A light can be paired with any of the two channels with a pairing mode.
- The range under water is up to 2 meters.

TABLE OF CONTENTS

Instructions	3
1. PAIRING	3
2. operation	4
3. Battery change	4
4. Mounting options	5
5. Maintenance	5
6. Warranty	5
TECHNICAL DATA	6

INSTRUCTIONS

1. PAIRING

A pairing is needed to pair a light with the RC2 remote control. Each remote controller has a unique identifier which is sent along with each command. This allows to use multiple remote controllers at the same location without interference. The remote control does not work in air. The pairing procedure needs to be performed in water.

1. Place the remote and the light in a water bin.



2. Switch your light to remote mode “R”, now pairing is possible during the next 10 seconds

3. Turn the brightness knob of whichever channel you want the light to be paired to. Rotate fast in both directions, this will activate the pairing message. The indicator light will turn blue if a pairing message is sent.



4. The light confirms a successful pairing with short flashes

Important:

Be aware of the time out of 10 seconds. If there is no pairing message sent within 10 seconds after switching to “R” mode, turn off the light and switch again to “R” Mode to reactivate pairing mode for another 10 seconds.

2. OPERATION

1. Set the XR compact light to remote mode
2. Move the brightness knob on the RC2 remote control to the desired level
3. The 9 brightness levels on the RC2 remote control correspond to the nine levels which can be set manually on the light
4. The green LED on the remote confirms sending of the command
5. If the light does not respond, check if the light is paired with the selected channel

LED States:

Green = Transmit OK

Yellow = Transmit OK but on low battery

Red = Transmit with reduced range, change battery

Blue = Pairing message being sent

3. BATTERY CHANGE

The RC2 remote control operates on a CR2032 3V battery.

When opening the lid, it is important to ensure that no water gets into the housing. The RC2 remote control should be dry and free of waterdrops before opening. Take care that the transducer cable is not squeezed when closing the lid.



Important:

If the battery has been changed, the knobs must be re-calibrated. A blinking white light LED tells you that the knobs need to be calibrated.

1. Calibrate the two knobs by turning each all the way from limit to limit.
2. When done, you are ready to use the RC2 remote control again. A new pairing is not necessary.

4. MOUNTING OPTIONS

A ball adapter is available as an accessory (ID 2041). By using a clamp, it can be easily attached on the top or on the side of your camera housing. The ball adapter can be mounted in many different ways:



Use the M4 screw holes to mount the remote control directly on your housing without using the ball adapter.



5. MAINTENANCE

- Rinse with fresh water after each use.
- Do not use sharp tools to remove O-Ring.
- Grease O-ring frequently with silicone grease.
- Remove the 3V cell battery if the device is not used for several months

6. WARRANTY

RC2 remote control carries a two-year warranty after purchase (proof of purchase date required). The warranty is limited to material defects which occur when correctly handling the product. The warranty does not cover the battery. KELDAN® warranty coverage is void for defects as a result of improper use.

7. LIABILITY

KELDAN® declines all responsibility for damages arising from any improper use of the RC2 remote control or as incurred by a third person.

TECHNICAL DATA

Article Nr.	1998
Battery	CR2032, 3V
Dimensions	84x36x46mm
Weight (in air)	150gr
Weight (in water)	70gr
Range	approx. up to 2m
Ultrasonic Frequency Range	27'000Hz to 37'000Hz

KELDAN⁺

Advanced Lighting Technology

KELDAN GmbH
Industriestrasse 37a
2555 Brügg
Switzerland

Tel: ++41 32 333 16 28

www.keldanlights.com
contactus@keldanlights.com



KELDAN® is a registered trademark of KELDAN GmbH.

Subject to change without notice, December 2024.

Lighting with RC2 remote control
Photo: Vanessa Cara-Kerr

