

Instruction Manual

SeaLife SportDiver Underwater Housing for iPhone® SL400

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Go to www.sealife-cameras.com/service/manuals.html for ENGLISH, FRANÇAIS, DEUTSCH, ITALIANO, ESPAÑOL and NEDERLANDS versions

About this manual

- This manual and specifications are subject to change without notice.
- Visit SeaLife-Cameras.com for updates to this manual.

Important

- Do not directly or indirectly expose the underwater housing to spray-on sunscreens. Most spray-on sunscreens contain chemicals that may react with polycarbonate and other plastics, causing cracks that compromise the waterproof seal.
- Do not expose the underwater housing to extreme temperatures, or direct sunlight for extended periods of time.
- Soak the sealed underwater housing in fresh water for 20 minutes after each use. Push each button 20 times to flush out any trapped salt or debris. Fully dry the housing with clean towel before opening.
- Do not attempt to service the underwater housing. Contact your local authorized SeaLife dealer if the camera requires service.

Registered Trademarks

- iPhone® is a registered trademark of Apple Inc
- Bluetooth® is a registered trademark of Bluetooth Special Interest Group
- SeaLife® and SportDiver® are registered trademarks of Pioneer Research

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I. Package contents

SportDiver Underwater Smartphone Housing

Color-correction filter

Vacuum pump

Rubber Grip Tabs (12x Small, 12x Medium and 12x Large)

Note: 10 medium tabs pre-installed in UW housing)

Spare O-rings (1x Main O-ring and 1x Vacuum Check Port O-ring)

O-ring lubricant

O-ring removal tool

Deluxe wrist strap with clip

Moisture Muncher sampler pack (1 capsule)

Instruction Manual (English)

AAA alkaline batteries (2)

EVA carry case

II. Optional accessories (Sold separately)



Sea Dragon Photo-Video Light
2000 lumen +



Moisture Muncher capsules 10-pack (SL911)

Back pack

Visit your local authorized SeaLife dealer or www.sealife-cameras.com for a complete listing of accessories.

III. Getting to know the underwater housing

- 1 – Lens
- 2 – Battery indicator LED
 - Blinks when charging
 - Solid when fully charged
- 3 – LCD Display

- 4 – Power ON indicator LED
- 5 – Power/Mode/Back 1-step button
- 6 – Shutter/OK button

- 7 – Battery pull tab
- 8 – Li-ion battery
- 9 – Serial # (inner camera)
- 10 – Battery door
- 11 – Microphone
- 12 – UP/Display button
- 13 – WiFi indicator LED
- 14 – Down/WiFi button

- 15 – USB/Memory Card cover(open)
- 16 – Power ON indicator LED
- 17 – Speaker
- 18 – MicroSD memory card slot
- 19 – Micro HDMI output
- 20 – Micro-B USB output

IV. Getting started

1. Open the underwater housing. Push and hold release button and rotate cam lock counter-clockwise.
2. Insert two alkaline or NiMH AAA batteries.
3. Download SeaLife SportDiver app from Apple App Store.
4. Fully charge iPhone and turn ON Airplane mode and Do Not Disturb. Turn OFF Auto Lock.
5. Clean optical lenses on iPhone and underwater housing
6. Inspect underwater housing O-rings for cuts or other damage. Clean and lube O-rings. Only a thin film of lube should be applied.
7. Power ON underwater housing
8. Power ON iPhone and open SeaLife SportDiver app.
9. Insert iPhone into underwater housing. If necessary, exchange rubber grip tab size that fits your specific iPhone model.

iPhone mode	Grip tab size
iPhone SE (2nd Gen - 2020)	L
iPhone 7	L
iPhone 7 Plus	S
iPhone 8	L
iPhone 8 Plus	S
iPhone 10	M
iPhone 10R	M
iPhone Xs	M
iPhone Xs Max	S
iPhone 11	M
iPhone 11 Pro	M
iPhone 11 Pro Max	S

10. Close the underwater housing. Engage the waterproof door into the cam lock and rotate clockwise until it stops and locks in place.
11. Unscrew Vacuum Check Port cap.

12. Hold vacuum pump against vacuum check port and pump until the on-screen gauge reaches the target vacuum pressure.
13. The underwater housing will analyze the internal vacuum pressure for 3.5 minutes. After the leak analysis is complete, the housing is ready for underwater use.

V. Using the SeaLife SportDiver Camera app

Add content

VI. GREAT UNDERWATER PHOTOS AND VIDEOS MADE EASY

Clear water visibility

Clear water is essential for good results. Tiny particles floating in the water cause low visibility and poor image quality. Avoid stirring up the sea floor with your fins. Limit your shooting distance to 1/10 of the water visibility. For example, if the visibility is 40ft (12m), you should keep your shooting distance to within 4 feet (1.2m).

Keep close shooting distance

The ideal shooting distance is within 6ft (1.8m), and the closer the better. The camera's minimum focus range is 12" (30cm). Use the optional Super Macro Lens (SL571) for closer underwater focus distance of 3.5" to 7" (9cm to 18cm), or the 10X Close-up Lens (SL572) for closer underwater focus distance of 6" to 24" (15 to 60cm).

Move calmly and control your buoyancy

It is very hard to take good photos or videos when you are moving around or buoyancy is not controlled. Look around for great picture opportunities. First, position yourself at the best angle and neutralize your buoyancy. Second, use the LCD monitor to perfectly frame your subject, check your shooting distance and keep the camera steady. Third, be calm and patient: Sometimes you have to wait a little bit so the fish that were frightened away, come back. Don't chase the fish, let the fish come to you. Always observe safe-diving rules.

Take several photos

You can always delete the bad shots later.

Avoiding blue photos and video

Water reduces light and filters out red/yellow colors resulting in darker, bluer ambient lighting. There are two ways to restore the lost colors:

- 1) Use one or two SeaLife Sea Dragon underwater photo-video lights (optional accessory) to enhance colors and photo/video quality.

- 2) When NOT using an underwater photo-video light, set the camera's White Balance setting to Underwater Deep or Underwater Shallow depending on your depth. If you are using a photo-video light, set the White Balance to Auto.

Visit the SeaLife website for updates and how-to tutorials

Any updates to the manual or additional tips and advice can be found on the SeaLife website at www.sealife-cameras.com.

7. Ask your local SeaLife dive dealer about underwater photography courses.

Most SeaLife dive dealers offer underwater photography courses which includes hands-on training as well as many helpful tips and techniques to underwater photography.

Troubleshooting Guide >>

VII. TROUBLESHOOTING GUIDE

Refer to the symptoms and solutions listed below before sending the camera for repairs. Any updates may be found on the SeaLife website at www.sealife-cameras.com. Look for “Technical Updates” section. If repair service is still needed, please contact your local authorized SeaLife dealer for service.

VIII. KEY SPECIFICATIONS

For comprehensive product specifications, visit www.sealife-cameras.com

Battery:

Battery life:

Waterproof: Individually depth tested to 130' (60 m)

Operating temp: 0°F to 120°F (-18°C to 50°C)

Storage temp: -20°F to +140°F (-29°C to +60°C)

Tripod mount: Standard 1/4-20 tripod threads

Certification: CE, ROHS, FCC

Weight:

Dimensions:

Warranty: 1 year limited warranty

Country of Origin: China

IX. FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

X. IC Statement

(RSS-Gen section 7.1.3)

Canada, Industry Canada (IC) Notices

This device complies with Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Canada, avis d'Industry Canada (IC)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has been evaluated for and shown compliant with the IC Specific Absorption Rate ("SAR") limits when operated in portable exposure conditions.

Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil de façon à minimiser les contacts humains lors du fonctionnement normal.

Ce dispositif a été évalué pour et démontré conforme à la Taux IC d'absorption spécifique ("SAR") des limites lorsqu'il est utilisé dans des conditions d'exposition portatifs.

CE

The SeaLife SportDiver SL400 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.



XI. Limited Warranty

Please register your SeaLife product online at: www.sealife-cameras.com/warranty.

Manufacturer warrants to the original purchaser of new and unused product in its original packaging, for a period of one (1) year from the date of purchase, that the product is free from defects in workmanship and materials. "Used" product is defined as any product used underwater or for any purpose other than in-store display. In the event the original purchaser believes there is a defect in a product, it is recommended that the purchaser contact SeaLife Customer Service or the importer in the country where the product was purchased for troubleshooting advice. The local authorized SeaLife Dealer can also assist with certain product servicing. If it is determined that the product requires servicing, a return authorization number will be issued. In the event of a product defect, Manufacturer will, in its sole discretion, repair or replace this product free of charge, provided the complete defective product is returned, at the sender's risk, within one (1) year of its purchase date, to the applicable address, accompanied by: (a) a return authorization number, (b) a letter describing the defect, (c) the purchaser's return address (no PO Boxes are permitted) and daytime telephone number, and (d) a copy of the original purchase receipt or proof of purchase with the purchase date of the product. Additionally, Manufacturer's obligation to repair or replace a product hereunder is subject to the condition that Manufacturer is able to confirm the defect and replicate any alleged leaks. For more information about repair service or to locate a service center in your country, please visit the SeaLife website at

www.sealife-cameras.com. Excluded from this warranty are damages caused by abuse, misuse, wear, tear, cosmetic damages, water damage caused by damaged O-ring or O-ring contact surfaces or debris trapped between the product housing and the O-ring, repair or attempted repair by unauthorized persons, improper storage, non-performance of scheduled maintenance, battery leakage or software programs. Possible compulsory legal warranty rights of purchaser towards distributor under national law are not affected by this warranty statement.

THE FOREGOING IS PURCHASER'S SOLE AND EXCLUSIVE REMEDY TOWARDS MANUFACTURER, AND MANUFACTURER'S SOLE AND EXCLUSIVE OBLIGATION, WITH RESPECT TO A CLAIM THAT A PRODUCT IS DEFECTIVE. EXCEPT FOR THE LIMITED WARRANTY SET FORTH ABOVE, MANUFACTURER DISCLAIMS ALL

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