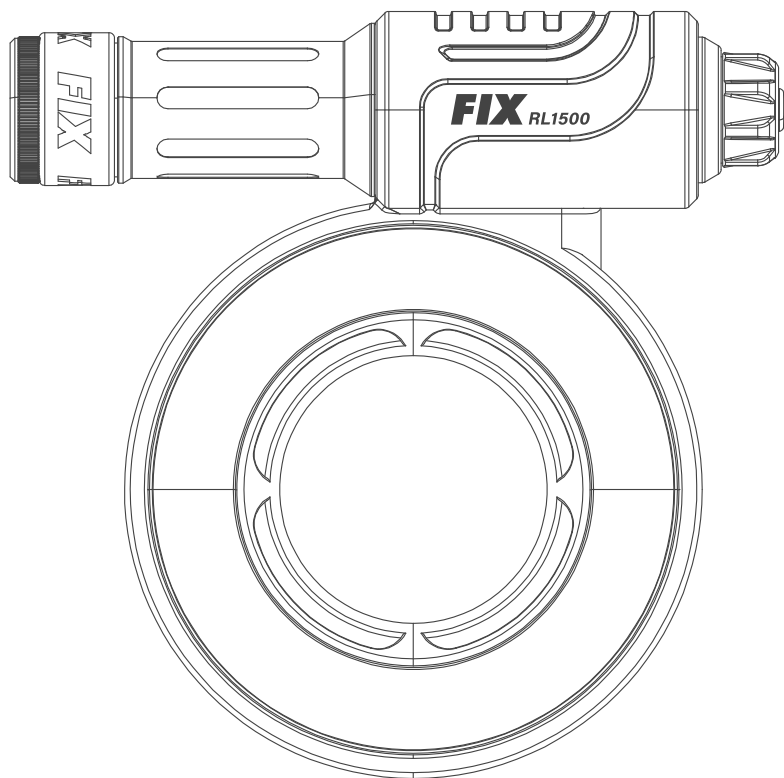# FIX リングライト 1500

FIX RING LIGHT 1500

FIX-RL1500

PRODUCT MANUAL

Fisheye

For your safety

● Please read this instruction manual carefully and use the product properly.
● Improper use may cause malfunction or submersion in water, making the product unrepairable.
● Be sure to inspect and test the product in accordance with this instruction manual before use.
● We assume no responsibility whatsoever for accidents resulting from disassembly, modification, or repair. We also cannot compensate for accidents involving personal injury or property damage during use.

The precautions indicated here may lead to serious consequences under certain circumstances. All of them are important safety information and must be observed.

💥 Danger	⊖ Warning	⚠ Caution
Contents that may result in imminent danger of death or serious injury if mishandled.	Contents that may result in death or serious injury if mishandled.	Contents that may cause injury or property damage only if mishandled.

💥 Danger

● Do not connect the battery contacts with metal plates or wires. Doing so may cause electric shock or fire.
● Do not modify or disassemble this product. Doing so may cause overheating or ignition.
● Do not use this product as a main light in dark underwater such as night diving or caves.
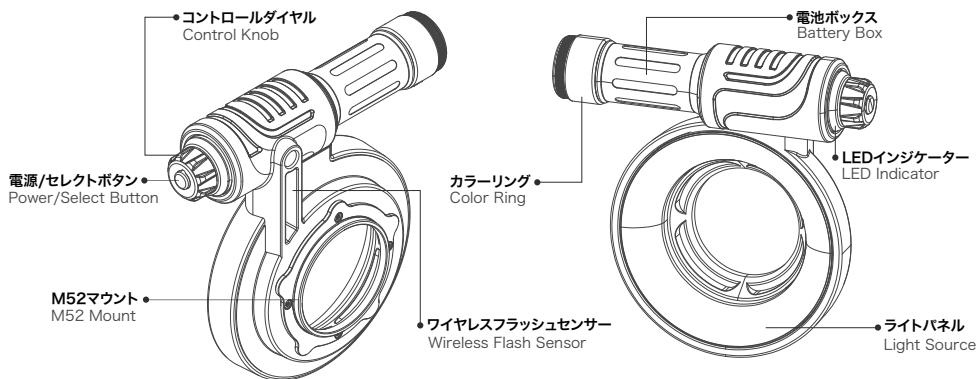
⊖ Warning

● Do not store this product within the reach of infants, young children, small children, or others who may not understand the precautions for handling this product.
● Do not store the product with the battery in the main body of the light. There is a risk of gas or liquid emission, which may affect the human body.
● Do not aim the product at your own eyes or the eyes of others. Doing so may cause serious injury such as blindness or vision impairment.
● Do not turn on the light while the light-emitting part of the product is lying on the floor or a table. Do not light the product near flammable materials. Doing so may cause a fire.
● Be sure to use the dedicated battery. Use of other products may damage the product or cause gas emission, which may be dangerous.
● Touching the battery with wet hands may cause an electric shock. Handle the battery with thoroughly dry hands.
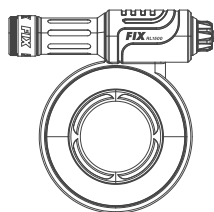
⚠ Caution

● This product is designed to withstand water depths of up to 60m. ● This product is designed to withstand water depths of up to 60 m. If used at depths deeper than 60 m, or if impact or pressure is applied even at shallower depths, there is a risk of damage or flooding.
● To prevent accidents such as flooding or malfunction, please read this manual carefully and be sure to perform inspection and maintenance before and after use.
● Do not place or store this product in a place where the temperature becomes abnormally high or low, or where there are extreme temperature changes. Doing so may cause deterioration of parts, damage the product, or impair its waterproof function.
● If the product makes unusual noises or smells or emits smoke, remove the battery and have the product serviced by the dealer where you purchased it.
● In the event of flooding, immediately turn off the power and remove the battery. Direct contact with a wet battery may cause an electric shock, so please handle with care.
● Never use organic solvents such as alcohol, benzene, thinner, etc., as they may cause deformation.
● If flooding occurs, stop using the product immediately. If the product is flooded, the pressure inside the product may be high. When opening the battery case, be very careful as water may spurt out or the battery may jump.
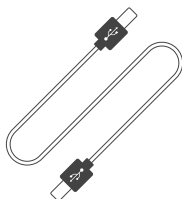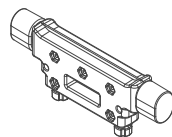
Name of Department

コントロールダイヤル
Control Knob

電池ボックス
Battery Box

電源/セレクトボタン
Power/Select Button

LEDインジケーター
LED Indicator

カラーリング
Color Ring

M52マウント
M52 Mount

ワイヤレスフラッシュセンサー
Wireless Flash Sensor

ライトパネル
Light Source

Included in a Package

FIX Ring Light 1500
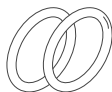
USB Cable

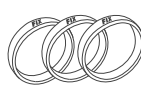**FB-L01C battery**

Multi Opener

Spair O-ring×2

O-ring Remover

O-ring Grease

Color Ring×3
*One is already installed in the product.

Spare O-ring for optical cable connector×2

取扱説明書
ご使用前に、以下QRコードより取扱説明書をお読みください。
The instruction manual can be accessed from QR code below.

http://www.fisheye-jp.com/products/support/manual_download.html
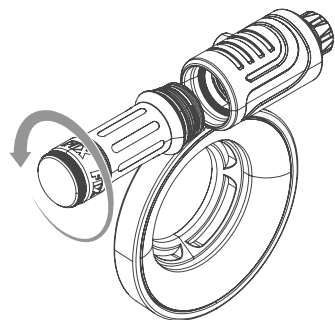
Mnual QR Card

保証書
Warranty

Warranty Card

Battery removal / loading

01 Make sure the power is off and rotate the battery box counterclockwise to remove it from the light body.

02 Check the orientation of the +- poles of the charged battery, load it into the battery box, and screw it clockwise into the light body in the reverse order of removal to secure it in place.

Battery charging

Mobile battery

AC Adapter

PC
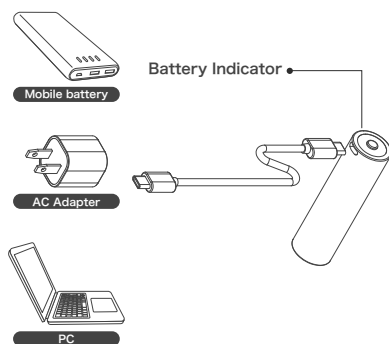
Battery Indicator

01 Connect the Type-C connector of the USB cable to the battery and the other end to the charging device.

💡 The battery indicator lights red during charging and turns green when complete.

💡 AC adapter and other charging devices are not included.

⚠ Caution

● The supplied battery cannot be recharged using a charger such as CH-7 or CH-9. Forcible loading may damage both the battery and the charger.

Caution when attaching and detaching the battery box

After use, wipe off any moisture on the body of the light and allow it to dry thoroughly before removing the battery. Unintentionally opening the battery box may cause water drops to fall inside. The inside of the battery box is not a waterproof mechanism.
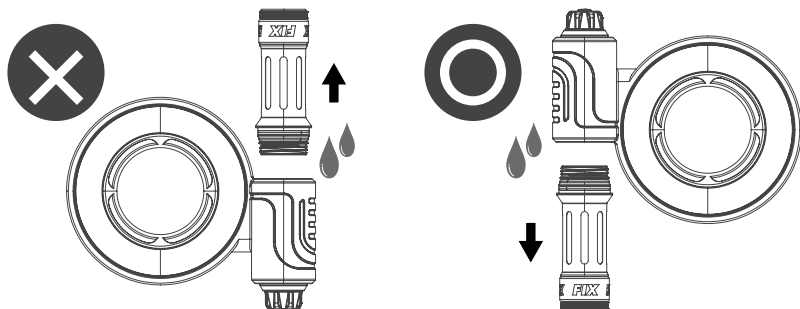
💥 Danger

● Charging with the USB cable bundled together may cause overheating that may lead to ignition.
● Charging with wet hands or in a wet environment may cause electric shock.

⊖ Warning

● Before starting charging, be sure to check the jack/terminals for dirt or water droplets. If dirt or water droplets are found on the jack/terminals, clean them thoroughly. This may cause not only a malfunction of the product but also an electric shock.
● Never charge Li-ion batteries on flammable materials such as paper or carpets, as they may heat up during charging.
● Never charge a battery that has been or may be submerged in water.

⚠ Caution

● Do not store the battery with the USB cable connected. Doing so may result in accidents such as spontaneous discharge.
● When using this charger at a resort that generates its own electricity or on a cruise ship, the voltage is very unstable and may cause damage to this charger due to abnormally high voltage. It is recommended that a transformer with a built-in safety circuit be used in conjunction with the charger.
● Do not leave the charger in a place where the temperature exceeds 30℃ or where it is exposed to direct sunlight.
● Charge the battery in a stable place where the USB cable will not be disconnected from the battery due to vibration, shock, or dropping.
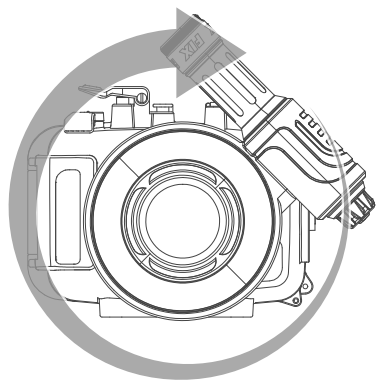
Mounting on camera port
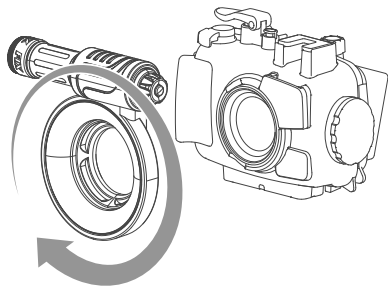
01 Align the M52 screw on the back of the light with the M52 screw on the side of the equipment used, and rotate the light clockwise to secure it.
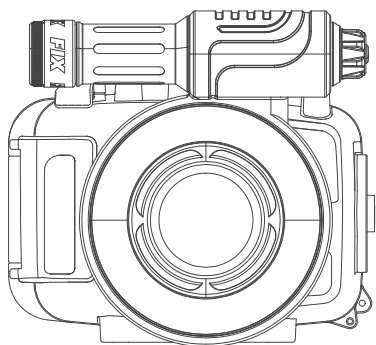Use the supplied multi-opener to remove the light.

💡 See "Removing from the Camera Port" for removal procedure.

Position Adjustment

01 The entire light can be rotated 360° to the left or right while attached to the mount. Adjust the light to your preferred position.

When using in EF mode, please adjust to the position shown on the left. If the position is not aligned, the wireless flash sensor may not respond properly.

How to Operate

Power and mode operation
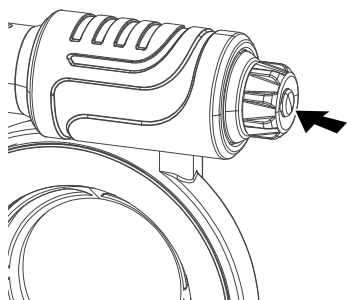
01 When the power is off, a long press of the power/select button for about 1 second turns the power on and starts the lighting mode.

> 💡 The LED indicator lights up according to the remaining battery level.

> 💡 Memory function" starts lighting at the light intensity of the last time the light was turned off.

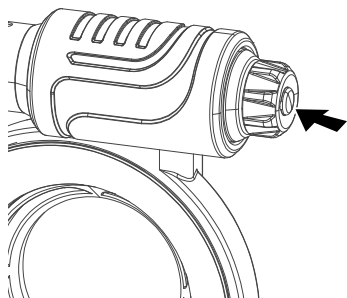**02** In lighting mode, hold down the power/select button for about 2 seconds to start EF mode.

> 💡 The LED indicator flashes according to the remaining battery level.

03 When the power is on, press and hold the power/select button for about 3 seconds to turn the power off.
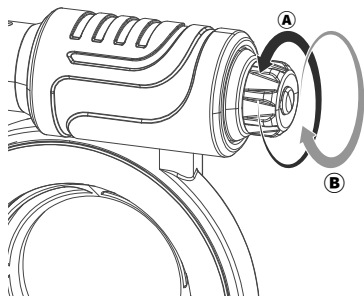
> 💡 LED indicator turns off.

Lighting Mode

01 Step Dimming
Each press of the power/select button changes the light intensity in three steps in this order: 100% => 50% => 20% => 100% => ....
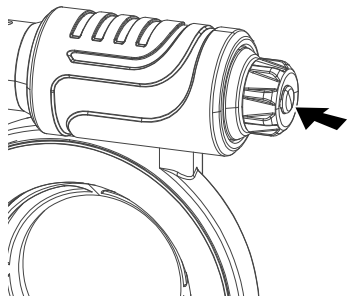

02 Stepless Dimming
Turning the control dial toward Ⓐ decreases light intensity in 10% increments, while turning it toward Ⓑ increases it in 10% increments.
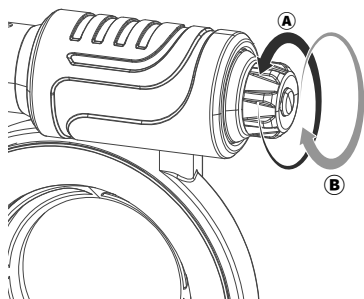
How to Operate

EF Mode

This mode is linked to the camera's strobe light to provide instantaneous illumination.

01 Low brightness light intensity setting

Each press of the Power/Select button changes the low intensity light intensity in standby mode in the order 2% (25 lumens) ⇒ 4% (50 lumens) ⇒ 0% ⇒ ...

02 EF mode light intensity setting

Turning the control dial toward Ⓐ decreases light intensity in 25% increments, while turning it toward Ⓑ increases light intensity in 25% increments.

💡 The light turns on for about 1 second at the set light intensity and then turns off automatically.

LED Indicator
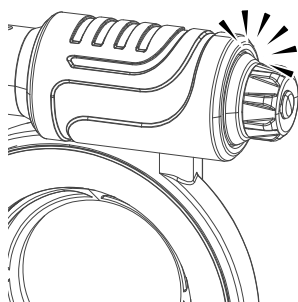
The LED indicator lights and flashes according to the remaining battery level.

	Lighting mode	EF Mode
100%~81%	Blue Light	Blue Blinking
80%~31%	Green Light	Green Blinking
30%~11%	Yellow Light	Yellow Blinking
10%~0%	Red Blinking	Red Blinking

💡 When the LED indicator turns to red flashing indication,
● The light intensity will be fixed at 10%.
● The light intensity is fixed at 10%.
● The light will automatically turn off after 10 minutes.

Disconnect from Camera / Port
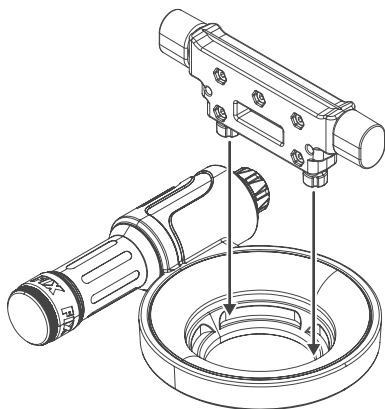
01 Align the convex part of the multi-opener with the groove inside the ring light.

02 While holding the housing firmly, turn the multi-opener counterclockwise to loosen it.

03 Once unscrewed, remove it from the mount.

O-ring for Fiber Optic Cable

If the fiber-optic cable is easily disconnected or loose from the sensor connector on the light body, replace the O-ring on your fiber-optic cable with the O-ring provided. (One O-ring is a spare.)
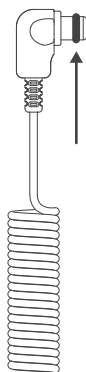
01 Using the O-ring remover supplied with the light, remove the O-ring from the fiber-optic cable connector.

02 Keep the removed O-rings so that they are not lost.

03 Install the supplied O-ring. If it is difficult to insert into the sensor connector, apply a very small amount of O-ring grease.

Maintenance

This product is waterproofed using O-rings. There is one O-ring location (two rings) that can be maintained or replaced by the customer.

⚠ Caution

●When removing the O-ring from the battery case, never use sharp metal objects (scissors, nails, knives, etc.), but use the supplied "O-ring remover".
●Be careful not to lose the removed O-ring.
●To prevent friction and deterioration of the O-ring, apply a thin layer of the supplied O-ring grease to the surface of the removed O-ring (grease up). At that time, be sure to check that there is no sand, small dust, hair, etc. adhering to the O-ring. If sand, debris, etc. are adhered, wash them off with water before applying grease. If too much O-ring grease is applied, dust and dirt can easily stick to the O-ring, which may cause flooding.
●If the O-ring surface has small scratches or cracks, do not use the O-ring and replace it with a spare O-ring immediately.
●Be sure to check the O-ring groove or the waterproof surface where the O-ring contacts for sand, small debris, hair, etc. Use a cotton swab or similar tool to clean the area. Also, make sure there are no scratches or cracks.
●After confirming the above, reattach the O-ring to the groove. When doing so, be careful not to twist or protrude the O-ring.
●Check and grease up the O-ring and O-ring groove each time the body is opened and closed.

Pre-dive Checks

Before using this product, it is recommended to perform a water immersion check. Before using the product, soak the unloaded battery in a tub or basin of water, once for 3 seconds, once for 30 seconds, and once for 3 minutes, remove the battery from the water and open the battery case to confirm that there is no water inside the battery case.

Care and storage after use

●After use, be sure to remove the lens from the housing/port/conversion lens and perform maintenance on each separately. If left unattended while screwed in, there is a possibility of sticking.
●After use, soak the main body of the light in fresh water for about 10~20 minutes before opening the battery case. After use, soak the light in fresh water for about 10~20 minutes before opening the battery case.
●After lifting it out of the fresh water, wash it under weak running water. Do not apply a strong stream of water from a fixed direction, as this may cause flooding.
●After washing in water, wipe off the water well with a soft dry cloth. Never dry the product in direct sunlight or by using a hair dryer or stove under the blazing sun, as this may cause malfunction, deformation, or damage to the product.
●We recommend replacing the O-ring every year.
●When not in use for an extended period of time, store the product away from high temperatures, high humidity, direct sunlight, or extremely low temperatures.
●Never use organic solvents such as alcohol, thinner, benzene, or neutral detergent, as they may cause deformation or damage.

If you have difficulty adjusting the position

If the mount has not been used for a while, such as after long-term storage, the internal O-ring may temporarily stick, making it difficult to rotate the mount.

●This can be remedied by rotating the mount clockwise several times as described in the "Position Adjustment" section.

> ☼ If the sticking is strong and it is difficult to rotate, it will be easier to rotate if the operation is performed while the unit is immersed in water.

Recommendation for Overhaul

Regardless of the number of times this product is used, we recommend periodic overhaul every 1 to 2 years. Waterproof O-rings are used inside the product that cannot be replaced by the customer. Regular replacement and maintenance of these rings will prevent accidents and extend the life of the product, so after a certain period of time, please contact our customer service for an overhaul.

Product Specifications

項目	内容
最大光量 Max. Light Amount	1500lm 1500 lumens
色温度 Color Temperature	5700K 5700K
演色性 Color Rendering Index	Ra80 Ra80
照射角 Beam Angle	90°(水中) 90 Degrees (Underwater)
電源 Battery	充電式リチウムイオンバッテリー 5000mAh(FB-L01C) Rechargeable Li-ion 5000mAh (FB-L01C)
充電時間 Charge Time	約3時間 3 Hours
連続点灯時間 Burn Time	60分(最大光量点灯時) 60 Minutes (Max Brightness)
調光機能 Dimmer Function	ライティングモード 無段階調光、ステップ調光(3段階調光) EFモード 4段階調光(低輝度光量3段階調光) Stepless Dimming, Step dimming (3-step dimming) / 4-step Dimming in EF mode (3-step dimming for low intensity light)
サイズ Size	W140×H138×D45mm W140×H138×D45mm
重量 Weight	271g(陸上) / 110g(水中) 271g (On Land) / 110g (Underwater)
マウント規格 Mout Type	M52(M67使用可 ※別売アダプター使用時) M52
本体材質 Materials	ポリカーボネート樹脂、耐腐食アルミ合金 Polycarbonate resin, Corrosion-resistant aluminum alloy
耐圧水深 Depth Rating	60m 60m / 197ft
同梱品 Included	バッテリー、マルチオープナー、カラーリング×3、シリコングリス、Oリングリムーバー、スペアOリング×2、USBケーブルType-C、取扱説明書QRカード、保証書、光ケーブルコネクタ用Oリング×2 Battery, Multi Openner, Color Ring×3, O-ring Grease, O-ring Remover, Spare O-ring×2, Type-C USB Cable, Manual QR card, Warranty Card, O-ring for optical cable connector×2

Fisheye

FIX-RL1500
PRODUCT MANUAL   REV.1.05