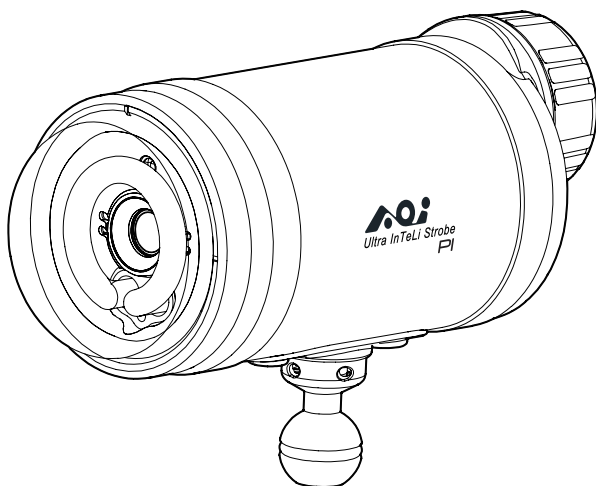




AOI UIS-P1 Ultra InTeLi Strobe

USER MANUAL



Thank you for your purchase of an AOI product. Please read this general guide prior to using the strobe. It will provide an overview of how this product can be used for optimal performance. For additional information, please consult your local dealer or write to

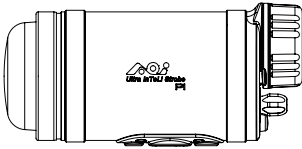
info@aoi-uw.com

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Items Included in the Package

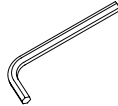
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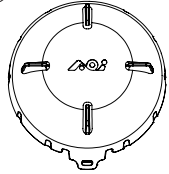
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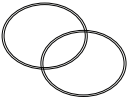
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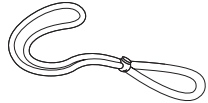
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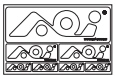
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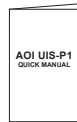
⑪



⑫



⑬



① AOI UIS-P1 Strobe

② Ball Mount

③ Allen Key

④ Strobe Diffusor (AOI SD-03)

⑤ Spare Battery Cap Seal O-Ring

⑥ Silicone Grease (AOI SGR-2)

⑦ O-Ring Remover (AOI ORR-02)

⑧ Control Knob Extension (AOI CKE-01)

⑨ Diffusor Lanyard

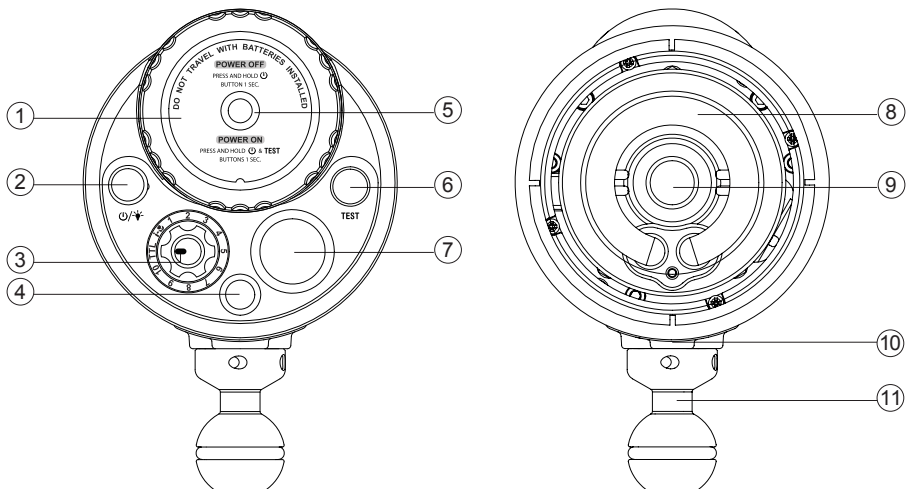
⑩ AOI Logo Sticker

⑪ Battery Storage Case (Battery is not included)

⑫ Neoprene Pouch

⑬ Quick Manual

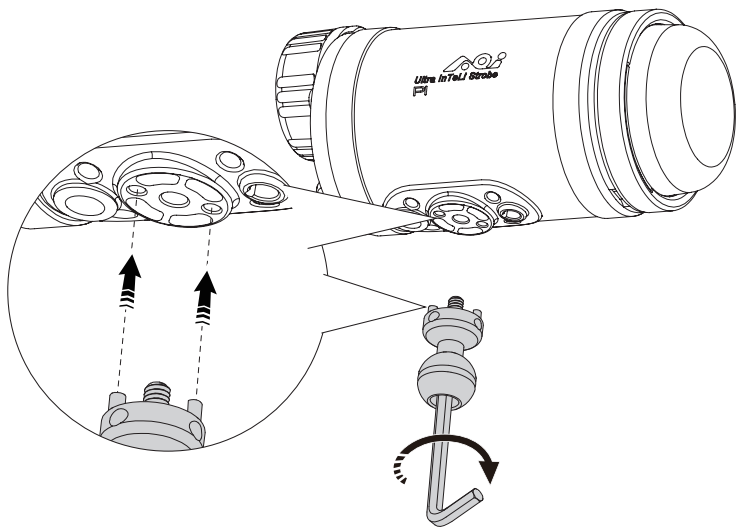
Parts Name




- ① Battery Cap
- ② Button
- ③ Mode Knob
- ④ Indicator Light
- ⑤ Pressure Relief Valve
- ⑥ **TEST** Button

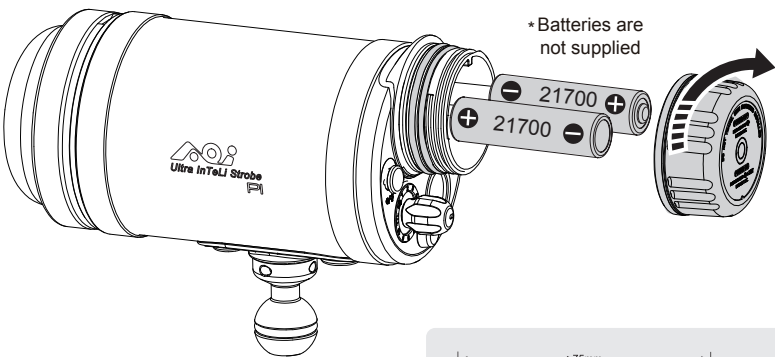
- ⑦ LCD Display
- ⑧ Flash Tube
- ⑨ LED Light
- ⑩ Fiber Optic Cable Port
- ⑪ Ball Mount

Ball Mount Installation



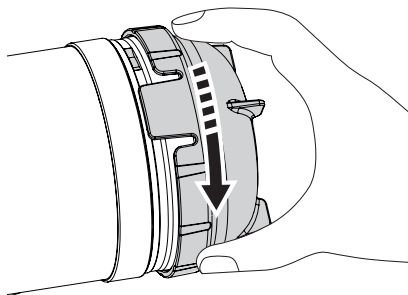
Battery Installation

 Use of Rechargeable 21700 Li-Ion Battery with **Minimum 15A** is Required.

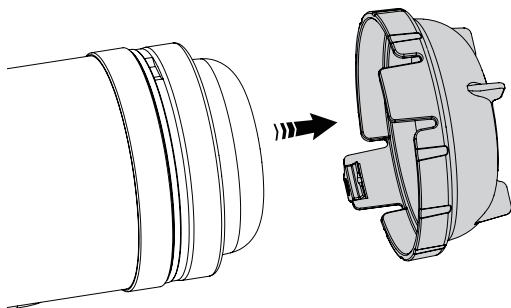


Strobe Diffusor Detaching

1

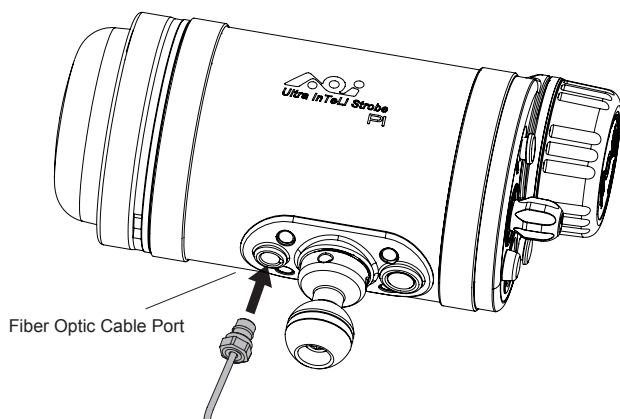


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Fiber Optic Cable Connection

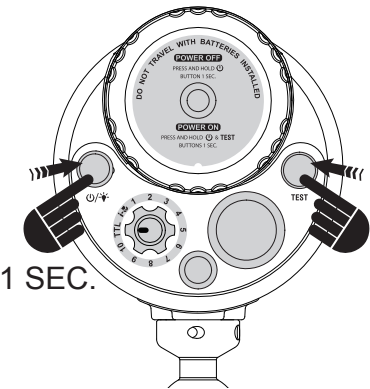
Insert one end of the Fiber Optic Cable into UIS-P1 Fiber Optic Cable Port and the other end to fiber optic port of the camera housing.




Power ON / OFF

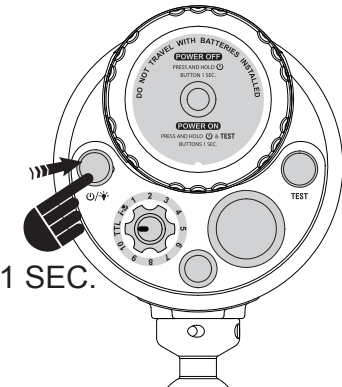
POWER ON

PRESS AND HOLD  & TEST
BUTTONS 1 SEC.

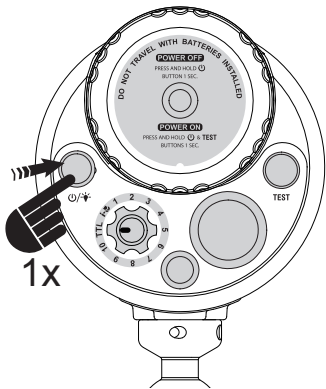



POWER OFF

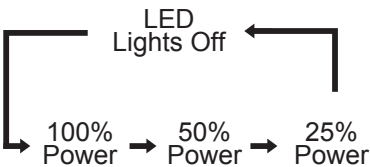
PRESS AND HOLD 
BUTTON 1 SEC.



LED Light Control



When the UIS-P1 is Power ON, press the  Button to change the LED Lights intensity.



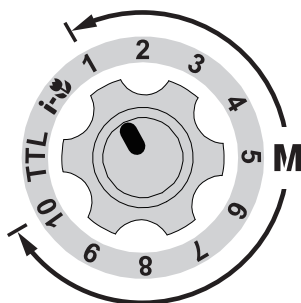
i-Mode

In **i-Mode**, If using the OM System Camera , you have to configure your OM System Camera to RC FLASH (TTL AUTO, MANUAL,FP TTL AUTO, FP MANUAL) CH 1, 2, 3, 4, Group A, B, C. If using the Sony Camera, you can use TTL Flash or TTL-HSS Flash, the WL Setting need to be OFF in the Camera Menu Setting.

Manual Mode

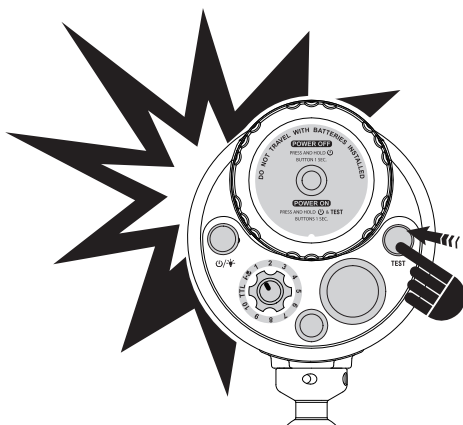
In Manual Mode, you can adjust the strobe Power Output manually from Level 1 to Level 10.

M-Mode			
1	1/32+0.5	6	1/4
2	1/16	7	1/4+0.5
3	1/16+0.5	8	1/2
4	1/8	9	1/2+0.5
5	1/8+0.5	10	Full








Strobe Test

In Manual Mode (From Level 1 to Level 10), press the **TEST** Button one time will trigger the Strobe to Fire.

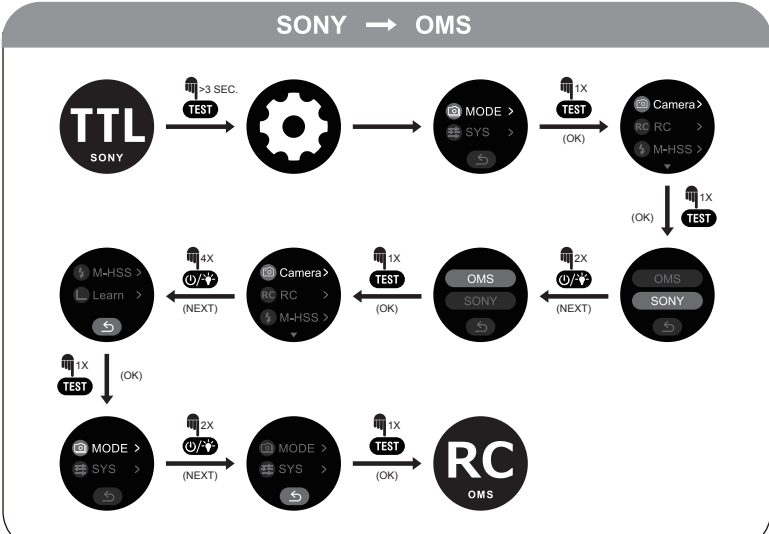
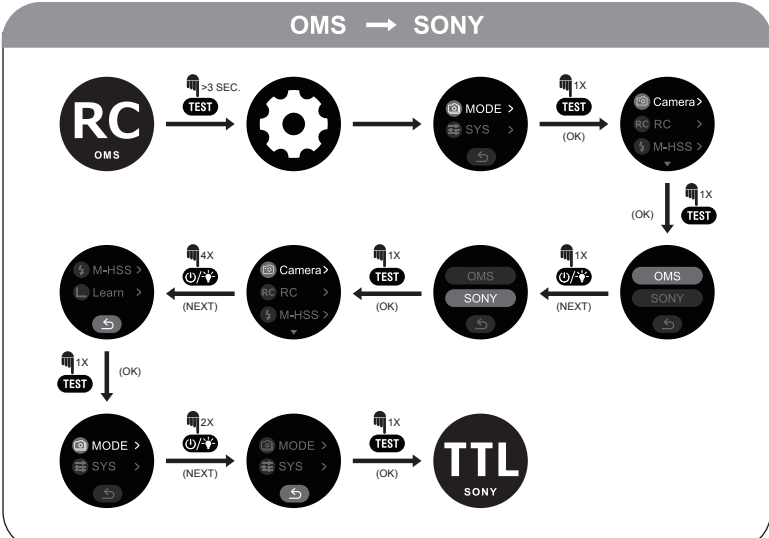


Mode Setting

Flash Mode Setting	SONY Cameras Setting		OMS Cameras Setting
	Wireless Flash	On	 Off
	WL		
	Wireless Flash	Off	 On
	WL		
	Wireless Flash	Off	
	WL		

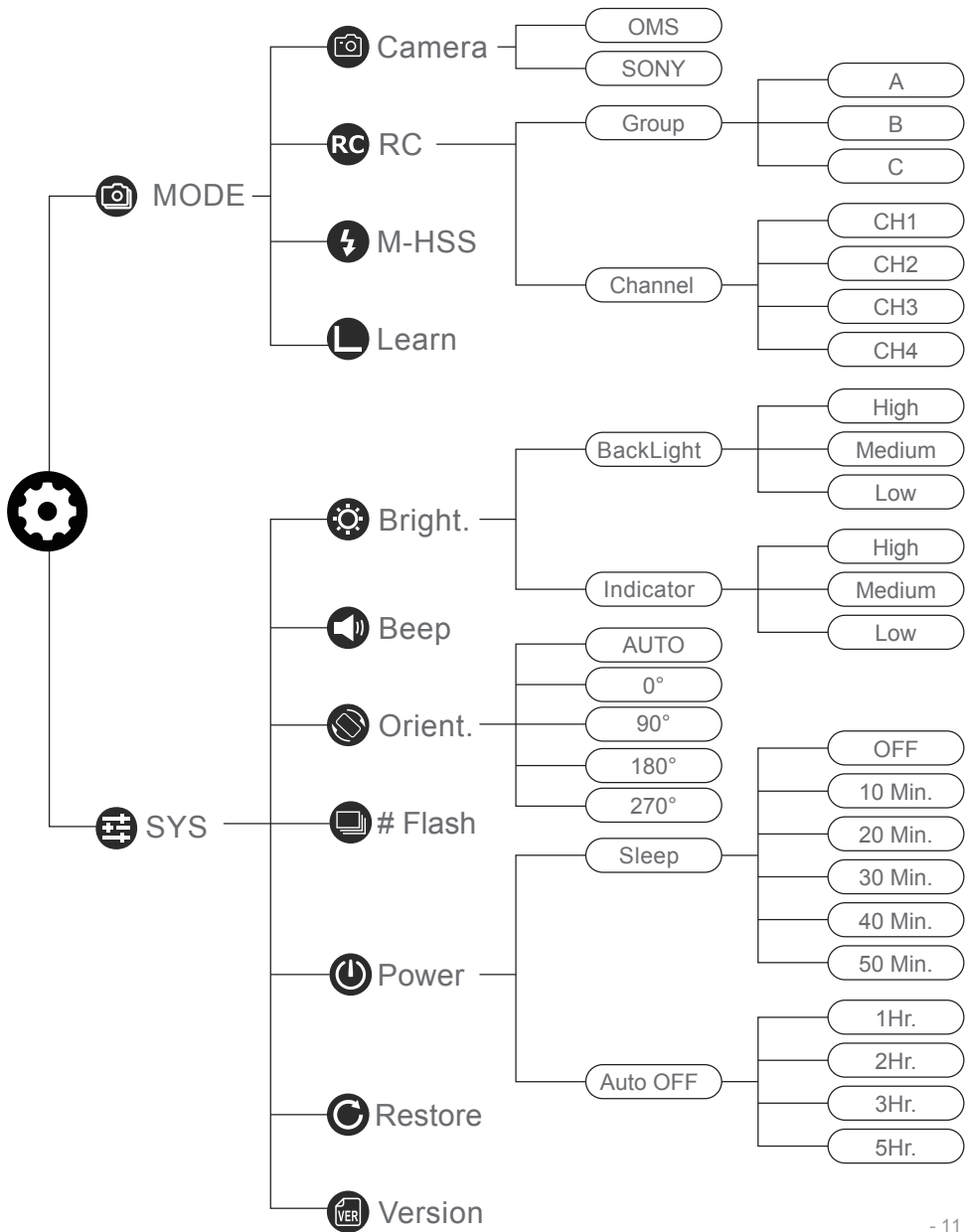
* This setting only applies to AOI underwater camera housings.

Setting need to be OFF in the Camera Menu Setting.




Menu Flow Chart

In RC/TTL Mode, press and hold the **TEST** Button for 3 Second to go into the Menu Setting.
Here are the Menu Flow Chart as below



Flash Sync. Auto Learning

When the  Learn is turned on and Strobe is under Manual Mode, the first Strobe Triggering Signal from the camera will Automatically be learned and saved.

Overheat Protection

UIS-P1 is equipped with an overheat protection circuit. If the Strobe is fired excessively, the temperature of the internal-electronics will go up rapidly and the Strobe recharging / recycle time will be slow down automatically in order to prevent the strobe be overheated, the Indicator Light will show Yellow Slow Blinking. When an overheating temperature threshold is reached, the Indicator Light will be Purple Blinking and the Strobe will be suspended temporarily. After the Strobe cools down, the Indicator Light will be back to normal and all functions will be resumed.

Indicator Light Status

Indicator Color	Description
Blue Quick Blinking	Strobe Recharging(not ready for flash)
Yellow Slow Blinking	Strobe slow Recharging(During over-temperature protection)
Green Still	Strobe Ready with Battery Level 40%-100%
Yellow Still	Strobe Ready with Battery Level 15%-39%
Red Still	Strobe Ready with Battery Level 4%-14%
Red Blinking	Battery Level 1-4% (LED Light is dimmed to 5%, Strobe is not recharging)
Purple Blinking	Strobe overheated
Purple Still	Strobe's Electronics Failure
Purple Blinking + Beeper beeps 3 times	Shooting Distance Too Far/Close

Care and Maintenance

Rinse the strobe exterior thoroughly with running fresh water after every use. Pushing buttons and rotating knobs repeatedly in fresh water to eliminate trapped salt water or debris.

Clean the O-rings and the O-ring grooves at a regular time, and apply a small amount of silicone grease (AOI SGR-2) to lubricate the O-rings.

Dry well and remove the batteries prior to travel and storage.

IMPORTANT: Wipe the strobe dry and keep seawater away prior to opening the battery cap. Do not allow seawater to be in contact with the interior parts of the battery compartment, otherwise it may cause rust, corrosion or malfunction.

If seawater leaks into the battery compartment, please turn off the power and remove the batteries immediately. Rinse the battery compartment with fresh water before bringing it back to your local dealer / service center for further assistance.

Specifications

MODEL NUMBER	AOI UIS-P1		
DESCRIPTION	Ultra InTeLi Strobe - Performance 1		
MAIN BODY COLOR	Silver		
MAIN BODY MATERIAL	PC + GF, Alluminum Alloy With Hard Anodization		
DEPTH RATING	100 Meters		
STROBE	Energy	150 Ws	
	Beam Angle	150 Deg.	
	Color Temperature	5,900K	
	Flash Recycle Time	1.8 sec.	Full Power with 5,300mAh, 20A, Li-ion Battery
	Number of Flashes	540	
	Flash Sync.Cord	Fiber Optic	
	Pre-flash Sync.	ON / OFF Setting	
	Flash Test Button	Yes	
	Flash Modes	RC / TTL Mode	OM System Cameras: RC FLASH (TTL AUTO, MANUAL,FP TTL AUTO, FP MANUAL) CH 1, 2, 3, 4, Group A, B, C
i-Macro Mode		Sony Cameras: TTL, TTL-HSS	
M Mode		Manual / M-HSS Setting: 1/32+0.5, 1/16, 1/16+0.5, 1/8, 1/8+0.5, 1/4, 1/4+0.5, 1/2, 1/2+0.5 & 1/1	
COB LIGHT	Maximum Output	Measured On Land with Standard Diffusor	3000 Lumens
	Color Temperature		4500K
	Beam Angle		100 Deg.
	Power Control	Off, 100%, 50%, 25%	
	Flash Auto Shut-off	Yes	
	Burn Time	60 Minutes (Using COB Light Only, Max. Brightness and with 5,000 mAh, Li-ion Batteries)	
BATTERY REQUIREMENTS	21700 Li-ion Rechargeable Battery x 2pcs (Batt Not Included In Product)		
	Output Current	Min. 15A	
	Capacity	Min. 5,000 mAh	
	Battery Protection PCB	Required	
MOUNTING	Ball Mount		
DIMENSIONS	205mm (L) X 91mm (W) X 133.5mm (H)		
WEIGHT	On Land	Approx. 1,180 g (w / Batt)	
	Underwater	Approx. 230 g (w / Batt)	
STANDARD ACCESSORIES	Standard Diffusor Strobe x1pc., Diffusor Lanyard x1pc., Ball Mount x1pc., Allen Key x1pc., Spare Battery Cap Seal-ring x2pcs, Control Knob Extension x1pc., O-Ring Remover (AOI ORR-02) x1pc., Silicone Grease (AOI SIGR-2) x1pc., Battery Storage Case x1pc.		

*Specifications and Appearances are subject to change without prior notice.