

**Aputure®**

**DEC** *LensRegain*  
Wireless LensRegain Adapter

Product Manual

English

# Foreword

## Thank you for purchasing the Aputure DEC LensRegain!

Aputure DEC LensRegain is a wireless remote adapter with focal reducer that allows you to attach Canon EF-mount lenses to MFT mount cameras. The equipped 0.75x focal reducer enable you to get a wider field of view. The Aputure DEC LensRegain helps you to expand the possibilities of Canon EF-mount lenses when you capture video with cine style camera.

### Instructions

- Heed all warnings and follow all instructions in this product manual as stated.



#### WARNING:

Do not touch the product's electrical contacts with your fingers. This is to prevent the contacts from corroding. Corroded contacts can cause the product to malfunction.

Do not look at the sun or a bright light source through the lens. Doing so could result in loss of vision. Looking at the sun directly through the lens is especially hazardous.

Do not leave the lens under the sun without the lens cap attached. This is to prevent the lens from concentrating the sun's rays, which could cause a fire.

- Only use a microfiber and dry cloth to clean the product.
- Operate carefully to not cause any damage by dropping or causing shock damage to the product.
- Do not leave the product near anything that has a strong magnetic field such as a magnet or electric motor. Also avoid using or leaving the product near anything emitting strong radio waves such as a large antenna. Strong magnetic fields can cause the product to malfunction or destroy data transferring.
- Do not leave the product in excessive heat, high temperatures can cause the product to malfunction.
- To reduce the risk of fire or electric shock, do not use the product near water.
- Please have the product checked by an authorized service or agent if your product has a problem. The malfunctions caused by your no allowed disassembling are not under the warranty.
- Use of original Aputure cable accessories is recommended. Please note that this warranty does not apply to repairs arising out of the malfunction of non-original Aputure accessories, although you may request such repairs on a chargeable basis.
- The product is certificated by RoHS, CE and FCC. Please operate the product in full compliance with the operation standards. Please note that this warranty does not apply to repairs arising from malfunction, although you may request such repairs on a chargeable basis.
- The instructions and information in this manual are based on thorough, controlled company testing procedures. Further notice will not be given if the design or specifications change.

### FCC Compliance 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.

**Warning:** Changes or modifications not expressly approved by the party responsible for compliance 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

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Detailed product manual for Aputure DEC LensRegain can be found on the movie solution page on [www.aputure.com](http://www.aputure.com) .

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.

**RF warning statement:**

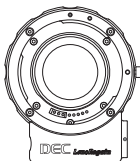
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

## Item check list

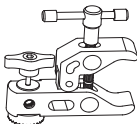
Before starting, please check that all the following items have been included with Aputure DEC LensRegain. If anything is missing, contact your dealer immediately.



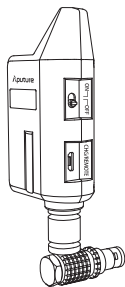
Grip



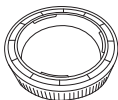
Adapter



Claw clip



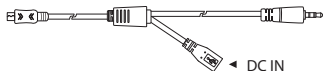
Control box



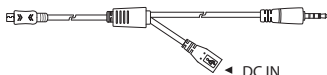
Lens rear caps



Lens caps



Lanc cable



GH series cable (for Panasonic GH series)



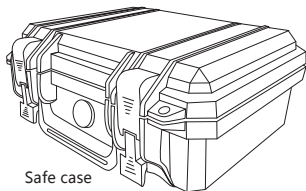
Charge & Update cable



Warranty card



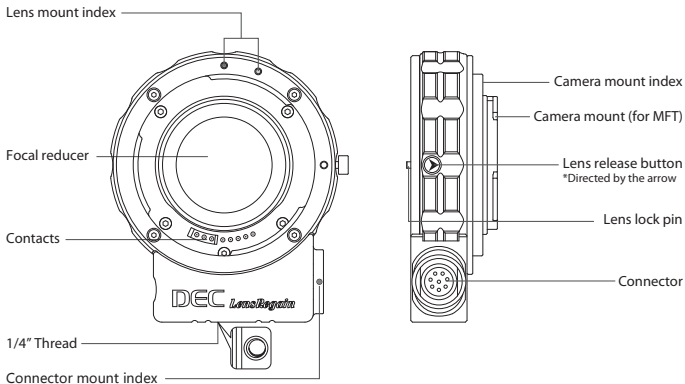
Product manual



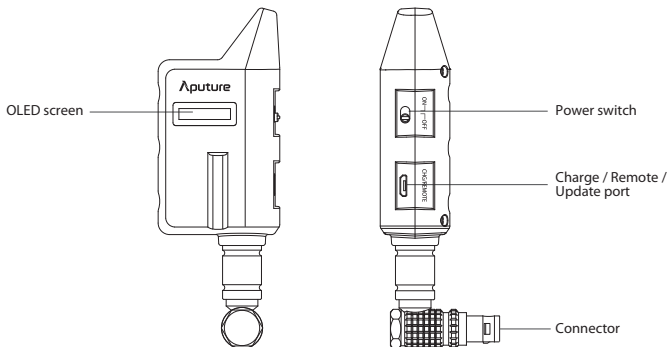
Safe case

# Nomenclature

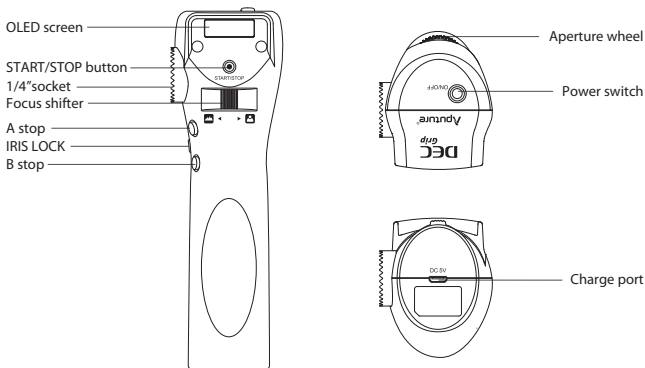
## 1. Adapter



## 2. Control box



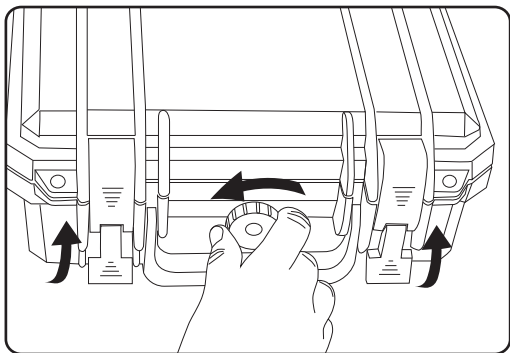
### 3. Grip



## Preparation

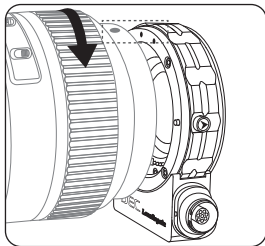
### 1. Open safe case

Release the shifts on both sides to open the safe case. You need loosen the balance valve anticlockwise before if needed.

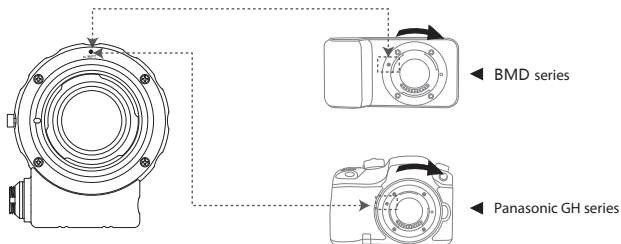


## 2. Attaching

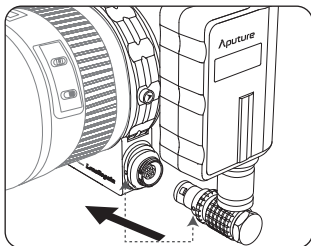
- 1) Align Lens mount indexes on the adapter and lens and turn the lens by the arrow until it snaps into place.  
(For Canon EF mount lens, please follow the index of red dot.)



- 2) Align the indexes on the adapter and camera and turn the adapter by the arrow until it snaps into place.

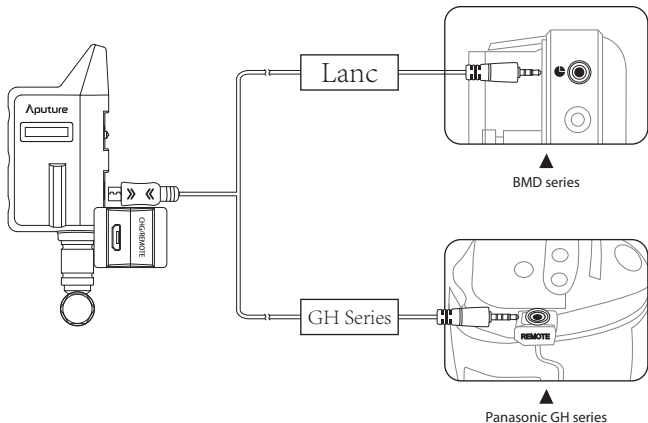


- 3) Align the indexes on the connectors, plug in the direction shown by picture.



### 3. Connect remote cable

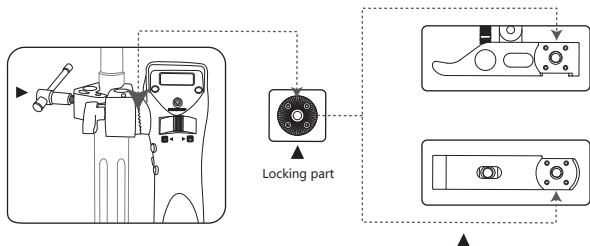
According to the port of your camera, please choose the correspond remote cable to connect adapter to your camera.



*\*Aputure DEC LensRegain is able to work while charging by connecting to USB cable which attached to an AC adapter (5V 1A).*

### 4. Claw Clip

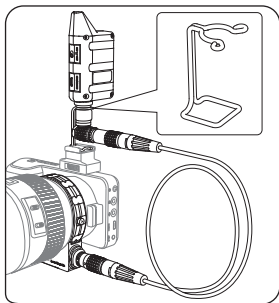
The grip can be set on rocker, tripod, shoulder and other supporting systems.



*\* You can choose either side as the picture shows according to your habit.*

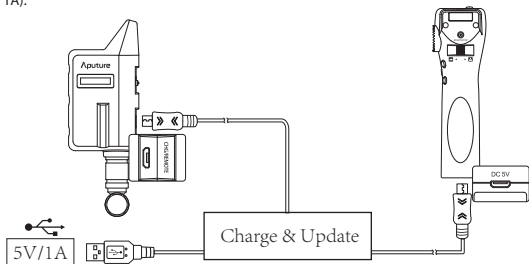
## 5. Install bracket

Adapter and control box of adapter can be separated and connected by an optional extension cable. And control box of adapter can be fixed on cold shoe mount of camera by an optional bracket shown in the picture.



## 6. Charging

Charge the grip and the adapter by connecting Charge & Update cable, which should be attached to an AC adapter (5V 1A).



The battery icon will blink while charging

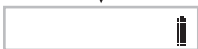


\* The grip will blink as follows:



Showing low battery of the adapter  
(the same display appears on the adapter)

When this icon shows, that means the battery is fully charged.



Showing low battery of the grip  
(without display on the adapter)

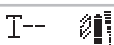


# Feature

## 1. Power on/off

**Adapter:** Switch Power switch to ON to start up. Switch Power switch to OFF to close down.

**Grip:** Short press the Power switch to switch the state of starting up and closing down.



*\* Please full charge the Aperture DEC LensRegain the first time you use it.*

## 2. Focal reducer

The equipped 0.75x focal reducer enable you to get a wider field of view. It helps to increase the maximum aperture to 1 stop. Photographically this will enable you to reduce your exposure time and still capture the same amount of light. Therefore, the screen will display the equivalent aperture(T), instead of aperture(f) . For example, if the aperture is set at f4, DEC LensRegain will display T2.8.


*\* As for depths of field, it still keeps original character of lens.*

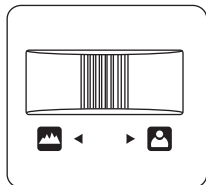
## 3. Start/Stop recording

By pressing <Start/Stop>, you can start or stop the video recording.




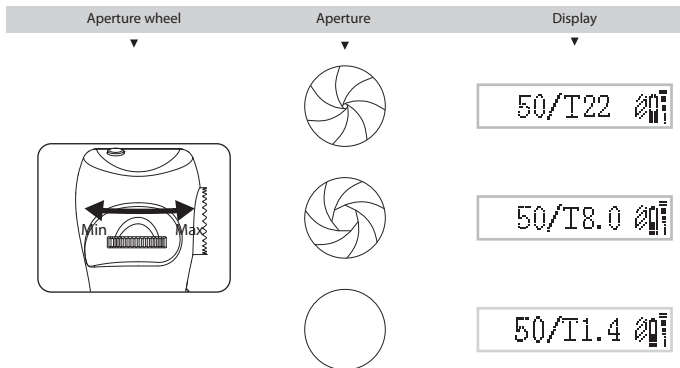
## 4. Adjust focus

Dial <  > to move the focus. Turn left to move the focus faraway and right for closer. The more you move the focus shifter, the faster the focus change will be.



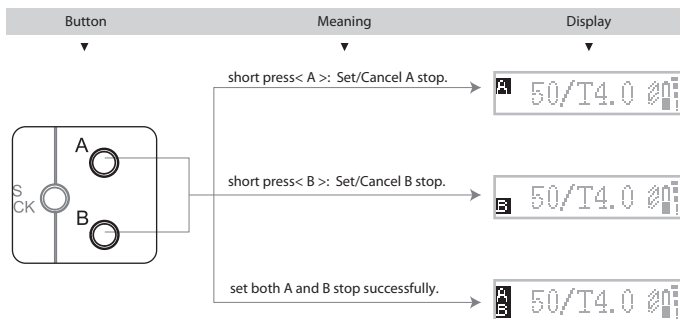
## 5. Adjust aperture

Dial <  > to set your desired aperture in every 1/3 EV steps. Left for the minimum and right for the maximum. The OLED screens on both adapter and grip will display the f value.

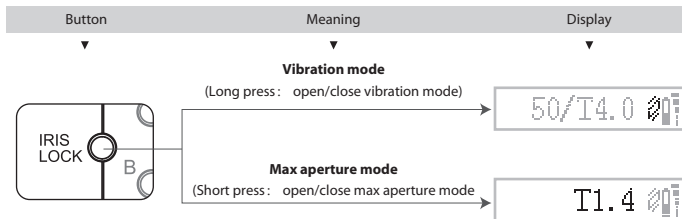


## 6. A、B stops

Short pressing <A>/<B> on grip can set the position memory of location. After setting both positions, moving focus between A and B can be achieved by dialing.



## 7. Max aperture mode & Vibration mode



## Tips and trouble setting

1. Please charge the Aputure DEC LensRegain within 3 minutes after the low battery icon appeared in case of unstable work.
2. Please charge for the grip before using it again if it was powered off because of low battery.
3. The aperture value of some lenses might not be displayed correctly.
4. Numerous focus pulling may change the memory of stop A and B.
5. Suggest to use the Canon EF L lens or Canon STM lens. Other lenses especially made by the third party may cause the incoherent movement when being controlled by the DEC LensRegain.
6. Please first set the camera to be in "Release without Lens enabled" mode if it does have before using together with the DEC LensRegain.
7. If the lens is taken from a cold environment into a warm one, condensation may develop on the lens surface and internal parts. To prevent condensation in this case, first put the lens into an airtight plastic bag before taking it from a cold to warm environment. Then take out the lens after it has warmed gradually. Do the same when taking the lens from a warm environment into a cold one.
8. Aputure DEC LensRegain has been paired before shipping. You can follow the steps below if it is needed:
  - 1) Adapter keeps OFF;
  - 2) First press <START/STOP> of the Grip, then simultaneously Press <ON/OFF> of the Grip. The Grip will display "Pairing..."
  - 3) Pull <ON/OFF> of the adapter to <ON>. The OLEDs both display "Pair\_OK". This means pairing is finished

Pairing...

Pair\_OK

9. If you use manual-focus lens to DEC LensRegain, you cannot adjust focus remotely.
10. Firmware of adapter is constantly under development, which means Aputure may release latest firmware on official website:
  - 1) Website: <http://www.aputure.com/DEC-LensRegain/Update/>
  - 2) Please update firmware following the instructions on our official website.

# Specifications

Components		Adapter	Grip
Battery Voltage		3.7V	3.7V
Battery Capacity		1400mAh	2600 mAh
Charge/Remote/Update port		Micro USB	Micro USB (charge only)
Charge Voltage		5V	5V
Peak Current		≤500mA	≤300mA
Battery Durance		≤10h	≤48h
		Based on a fully charged Li-ion battery, a Canon EF 24-70mm/2.8L II USM and CIPA testing standards.	
Temperature	Operation	0°C-40°C	
	Storage	-20°C-60°C	
Humidity		65±20% (without condensation)	
Remote Rate		2.4GHz	
Remote Range		≤100m	
Construction Accessories		1/4" jack	Claw clip
Lens Compatible		Canon EF lenses	
Camera Compatible		MFT(Micro 4/3 )-mount (for all frame sizes) camera	
Focal Reducer		Lens Elements/Groups	4/4
		Magnification	0.75x
		Dimension	Φ37mm

The list of tested capable Lenses is below and more can be found on the official website:

<http://www.aputure.com/technique/DEC-LensRegain>

Canon EF 70-200mm f/2.8L IS II USM	Canon EF 24-105mm f/4L II USM
Canon EF 40mm f/2.8 STM	Canon EF 50mm f/1.8 II
Canon EF 24-70mm f/2.8L II USM	Distagon T* 35mm f/1.4
Canon EF 85mm f/1.2 L II USM	Canon EF 100mm f/2.8 L IS USM

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