Aputure®

DEC
Wireless Remote Adapter

Product Manual

English

Foreword

Thank you for purchasing the Aputure DEC

Aputure DEC is a wireless remote adapter that allows you to attach Canon EF-mount lenses to MFT mount or E-mount cameras. Remote controlled by 2.4GHz FSK radio signal, it features stable and accurate aperture turning, smooth focus pulling, start/stop recording and even more. The Aputure DEC helps you to expand the possibilities of Canon EF-mount lenses when you capture video with cine style camera. DEC, Driving EOS lens for Cine.

Instructions

- Please read this product manual carefully.
- Keep this product manual. Always include this product manual when passing the products on to third parties.
- 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.
- 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 such as in a car in direct sunlight. High temperatures can cause the product to malfunction.
- To reduce the risk of fire or electric shock, do not use the product near water and do not expose it to rain or moisture.
- Keep the product stored in a cool and dry place.
- Except for changing the MFT-mount or E-mount, disassembling the product yourself is forbidden. 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 ROSH, 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.

Intended use

Intended use of the Aputure DEC means:
- The user has read the instructions of this manual.
- The user is using the products within the operating conditions and limitations described in this product manual.
- "Improper use" means using the products other than as described in these instructions or under operating conditions which differ from those described herein.
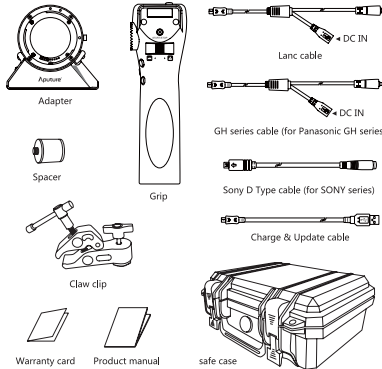
Detailed product manual for Aputure DEC can be found on the movie solution page on www.aputure.com .
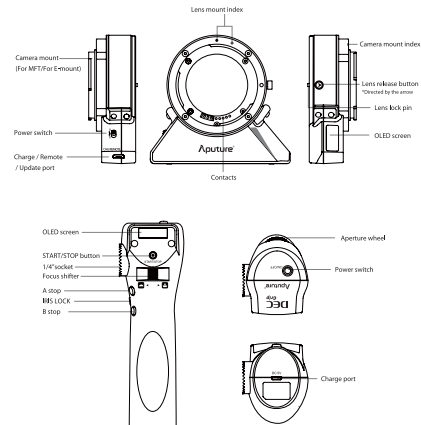

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Canon is a trademark or registered trademark of Canon INC in the P.R.C. and other countries.
Panasonic is a trademark or registered trademark of Panasonic Corporation in the P.R.C. and other countries.
BMPCC is a trademark or registered trademark of Blackmagic Design Pty. Ltd in the P.R.C. and other countries.
All other corporate and product names and trademarks mentioned in this manual are the property of their respective owners.

Item check list

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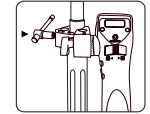

Adapter

Spacer

Grip

Claw clip

Warranty card

Product manual

◄ DC IN — Lanc cable

◄ DC IN — GH series cable (for Panasonic GH series)

Sony D Type cable (for SONY series)

Charge & Update cable

safe case

Nomenclature

- Lens mount index
- Camera mount (For MFT/For E-mount)
- Camera mount index
- Lens release button *Directed by the arrow
- Power switch
- Lens lock pin
- Charge / Remote / Update port
- OLED screen
- Contacts

- OLED screen
- START/STOP button
- 1/4"socket
- Focus shifter
- A stop
- IRIS LOCK
- B stop
- Aperture wheel
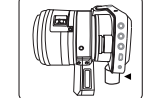- Power switch
- Charge port

Installations

1.Claw Clip

Aputure DEC can be set on rocker, tripod, shoulder and other supporting systems.
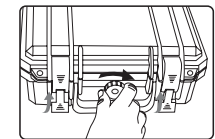

2.Spacer

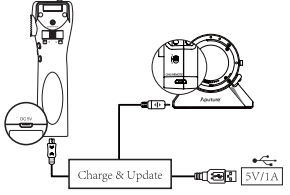Install some small cameras such as BMPCC with a spacer on a tripod.

Operations

1. Opening the safe case

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

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2. Charging the adapter and grip

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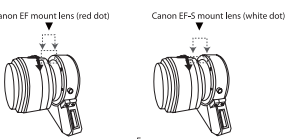

Charge & Update — 5V/1A

The battery icon will blink while charging

When this icon shows, that means the battery is fully charged.
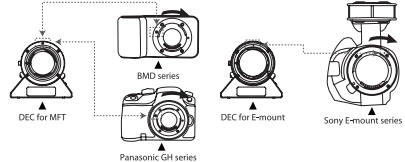
* The grip will blink as follows:

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

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

3.Attaching a lens and a camera

Align the different dots on the adapter and lens and turn the lens by the arrow until it snaps into place.

Canon EF mount lens (red dot)

Canon EF-S mount lens (white dot)

Align the different dots on the adapter and camera and turn the adapter by the arrow until it snaps into place.

- DEC for MFT
- BMD series
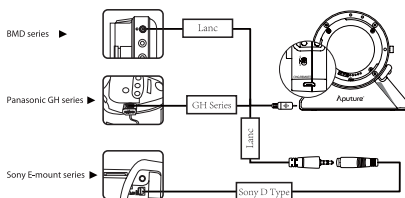- DEC for E-mount
- Panasonic GH series
- Sony E-mount series

Turning it the opposite direction can cause the lens to demount

* Please first turn off all the power of the devices, then push down the lens release button as the pasted arrow shows on the button before detaching or changing the lens.

4. Connecting the remote cable

Connect the remote cables to the cameras according to the different ports and cables showed in the pictures.
Examples for connecting:
(1) Connect the adapter with BMPCC by Lanc cable.
(2) Connect the adapter with SONY NEX-VG20 by Lanc cable - SONY D type cable.
(3) Connect the adapter with GH4 by GH series cable .

- BMD series ► Lanc
- Panasonic GH series ► GH Series / Lanc
- Sony E-mount series ► Sony D Type

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5. Power on

Power on the adapter and grip, the OLEDs will display the same as the picture below.

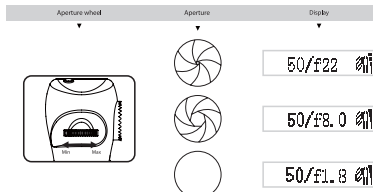OK DEC | Aputure | f—

6. Starting/Stopping recording

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

START/STOP

7.Adjusting the 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.

Aperture wheel | Aperture | Display
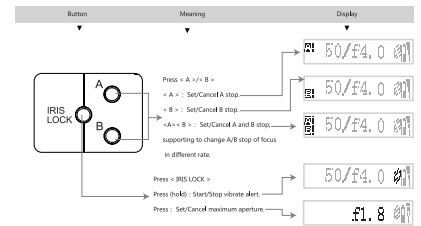
50/f22
50/f8.0
50/f1.8

8. Speed changeable focus pull

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.

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9. A, B stops and IRIS LOCK

Button	Meaning	Display

IRIS LOCK — A / B

Press < A >/< B >
< A > : Set/Cancel A stop.
< B > : Set/Cancel B stop.
<A>+< B > : Set/Cancel A and B stop, supporting to change A/B stop of focus in different rate.

50/f4.0
50/f4.0
50/f4.0

Press < IRIS LOCK >
Press (hold) : Start/Stop vibrate alert.
Press : Set/Cancel maximum aperture.

f1.8

Tips and trouble setting

1. Please full charge the Aputure DEC the first time you use it.
2. Aputure DEC is able to work while charging by connecting to USB cable which attached to an AC adapter (5V 1A).
3. Please charge the Aputure DEC within 3 minutes after the low battery icon appeared in case of unstable work.
4. Please charge for the grip before using it again if it was powered off because of low battery.
5. Aputure DEC has been paired before shipping. You can follow the steps below if it is needed. Press < ON/OFF > of the adapter while simultaneously pressing <START/STOP> of the adapter till the OLEDs both display "Pairing . . .". Then hold on pressing the adapter, pull < ON/OFF > of the grip to <ON>. The OLEDs both display "Pair_OK". This means pairing is finished.

Pairing... | Pair_OK

6. The aperture value of some lenses cannot be displayed correctly.
7. Numerous focus pulling may change the memory of stop A and B.
8. The <START/STOP> button cannot be used when in <IRIS LOCK> mode in case of malfunction, press <IRIS LOCK> to cancel the mode and start to record.
9. Please update firmware of the adapter according to the direction on our official updating website: http://www.aputure.com/dec/update/
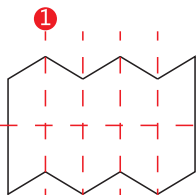

Specifications

Components		Adapter	Grip
Battery Voltage		3.7V	3.7V
Battery Capacity		700mAh	2600 mAh
Charge/Remote/Update port		Micro USB	Micro USB (charge only)
Charge Voltage		5V	5V
Peak Current		≤500mA	≤300mA
Battery Durance		≤5h	≤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, EF-S AF lenses	
Camera Compatible		MFT(Micro 4/3)-mount (for all frame sizes) camera	
		E-mount (for all frame sizes) camera	

The list of tested capable Lenses is below and more can be found on the official website:
http://www.aputure.com/dec/compatible-lens-list

EF 35mm f/1.4L USM	EF 50mm f/1.8 II
EF 40mm f/2.8 STM	EF 16-35mm f/2.8L II USM
EF 50mm f/1.4 USM	EF 24-70mm f/2.8L II USM
EF 24-105mm f/4L USM	EF 70-200mm f/2.8L IS II USM
EF-S 18-55mm f/3.5-5.6	EF 100mm f/2.8L II USM
EF-S 18-200mm f/3.5-5.6 IS	EF 85mm f/1.2L II USM

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❶

折页方式： ❷

为折线(不印刷)

折页成型（英文在正面）：

Aputure® 深圳市爱图仕影像器材有限公司

设计项目	040 无线控制转接器 说明书	图号	AP-040-PR-02
尺寸(mm)	495*280 mm 折页尺寸：99*140mm	版本	V1.0
材质工艺	70g 书纸，正反两面印刷	设计师	宋爱玉
		日期	20150304
备注	料号：540011000000		

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.

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 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.