

Foreword

Thank you for purchasing the Aputure DEC Vari-ND!

Aputure DEC Vari-ND is a wireless remote adapter that allows you to attach Canon EF-mount lenses to MFT mount or E-mount cameras. In addition to retain all the DEC features, but also equipped with electronic Vari-ND lens assembly, from ND8 to ND2048, multi-steps light adjusting, even in bright light can also use large aperture motion blur shooting, and also helps you to expand the possibilities of Canon EF-mount lenses when you capture video with cine style camera.

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.
- Do not place the product in a place where there are corrosive chemicals to protect the product from corrosion, corrosion may cause the product to malfunction.
- Use only a microfiber and dry cloth for cleaning the product.
- Operate carefully to not cause any damage by dropping or physical shocking it.
- 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.
- Keep storing the product in a dry, clean, dust-free environment.
- Please have the product checked by the authorized service or agent if your product has some problems. Please note that this warranty does not apply to repair arising out of the malfunction of unauthorized disassembly, although you may request such repairs on a chargeable basis.
- 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 certified by RoHS, CE, FCC and JAPAN MIC. Please operate the product in full compliance with the operation standards. Please note that this warranty does not apply to repair 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 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

Package includes the following items:

Grip

Control box

Adapter  
(Include Vari-ND lens assembly)

DEC Vari-ND adapter

Transparent lens assembly

Claw clip

Lens cap

Lens rear cap

Warranty card

Product manual

Sony D Type cable (for SONY series)

GH series cable (for Panasonic GH series)

Safe case for lens assembly

Charge & Update cable

Lanc 2 Multi Adapter Cable (just for E-mount)

Lanc cable

DC IN

Safe case

Nomenclature

1. Adapter

Lens mount index

Lens assembly

Contacts

1/4" Thread

Connector mount index

DEC Vari-ND

Lens assembly release button

Camera mount

Lens release button  
\*Directed by the arrow

Lens lock pin

Connector

2. Control box

OLED screen

Power switch

Aperture/ND wheel

Charge / Remote / Update port

Connector

Aputure

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3. Grip

OLED screen

START/STOP button

1/4" socket

Focus shifter

A stop

IRIS LOCK

B stop

Aperture/ND wheel

Power switch

Charge port

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.

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2. Attaching

1) Align Lens mount indexes on the adapter and lens, then turn the lens by the arrow until it snaps into place.

Canon EF mount lens ( red dot)

Canon EF-S mount lens ( white dot)

\* Turn 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.

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

BMD series

Panasonic GH series

Sony E-mount series

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

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Product Manual

English

3. Connect remote cable

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

BMD series

Panasonic GH series

Sony E-mount series

Lanc

GH Series

Sony D Type

Lanc 2 Multi

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

4. Install Claw Clip

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

Locking part

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

5. Charging

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

5V/1A

Charge & Update

DC IN

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)

6. Install lens assembly

Push the lens assembly release button, you can eject the lens assembly. Depending on the use, you can replace the installation of Vari-ND lens assembly or transparent lens assembly. Note that save the replaced lens assembly in the lens assembly safe case.

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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.

Aputure

DEC Vari-ND

f8

f--

\* Please full charge the Aputure DEC Vari-ND the first time you use it.

2. Start/Stop recording

After connecting adapter to your camera with remote cable, by pressing <Start/Stop>, you can start or stop the video recording.

START/STOP

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4. Adjust aperture and ND

Short pressing <Aperture/ND wheel> on grip or control box can switch to adjust the aperture or ND, then dial the wheel to adjust the aperture or ND. The OLED screens on both adapter and grip will display the f or ND value.

Aperture/ND wheel

Aperture

ND

Display

M/W

L/R

Max

Min

f8

f2.8

f1.4

f1.4

f2048

f256

f8

f2048

f256

f8

f8.0

f8.0

f1.4

f8.0

f8.0

f1.4

\* When the transparent lens assembly is used, the OLED screens on both adapter and grip will display the focal length and aperture information , then only the aperture can be adjusted.

5. 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.

Button

Meaning

A

B

Pairing...

short press <A> : Set/Cancel A stop.

short press <B> : Set/Cancel B stop.

set both A and B stop successfully.

f256

f8.0

f256

f8.0

f256

f8.0

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6. Max aperture mode & Vibration mode

Button

Meaning

Display

IRIS LOCK

B

Vibration mode

(Long press : open/close vibration mode)

Max aperture mode

(Short press : open/close max aperture mode)

f256

f8.0

f1.4

f1.4

\* In the max aperture mode,do not support the grip for remote control to start and stop video shooting.

Pairing...

Pair\_OK

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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                  |
|                           | ≤10h                                                                                                 | ≤48h                    |
| Battery Durance           | Based on a fully charged Li-Ion battery, a Canon EF 24-70mm/ 2.8L II USM and CIPA testing standards. |                         |
| Temperature               | Operation                                                                                            | 0℃-40℃                  |
|                           | Storage                                                                                              | -20℃-60℃                |
| Humidity                  | 65±20% (without condensation)                                                                        |                         |
| Remote Rate               | 2.4GHz                                                                                               |                         |
| Remote Range              | ≤100m                                                                                                |                         |
| Construction Accessories  | 1/4" jack                                                                                            | Claw clip               |
| Lens Compatibility        | Canon EF, EF-S AF lenses                                                                             |                         |
| Camera Compatibility      | MFT(Micro 4/3)-mount (for all frame sizes) camera                                                    |                         |
|                           | E-mount (for all frame sizes) camera                                                                 |                         |
| ND Range                  | ND8-ND2048                                                                                           |                         |

The list of tested compatible Lenses is below and more can be found on the official website:  
<http://www.aputure.com/DEC-Vari-ND/technique>

|                            |                              |
|----------------------------|------------------------------|
| 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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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                    | 082 说明书                    | 图号  | AP-082-PR-02 |
| 尺寸 (mm)                 | 585*280 mm 折页尺寸：97.5*140mm | 版本  | V1.0         |
| 材质工艺                    | 70g 书纸，正反两面印刷              | 设计师 | Jolin        |
| 备注                      | 料号：582000600000            | 日期  | 20170221     |

