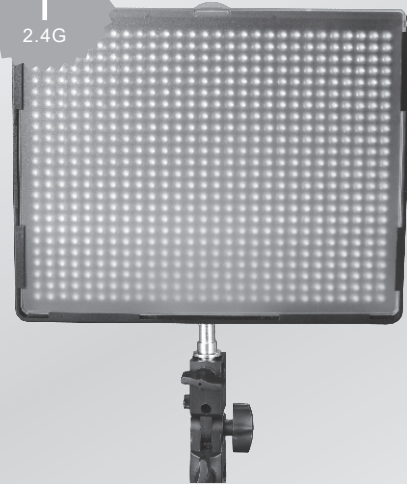


Aputure®

**Amaran**  
Perfect LED Lighting Solution



User Manual  
HR672W/S/C



Aputure®  
www.aputure.com

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## Safety Notice

To prevent damage to your product or injury to yourself or to others, read all of the following safety precautions before using this equipment. Keep eyes on these safety instructions for all those who will use this equipment.

### **Do not disassemble or modify**

Failure to observe this precaution could result in electric shock or product malfunction. Should the product break open as the result of a fall or other accident, remove the batteries.

### **Keep dry**

- Do not handle with wet hands or immerse in or expose to water or rain. Failure to observe this precaution could result in fire or electric shock.
- Do not use in the presence of flammable gas. Failure to observe this precaution could result in explosion or fire.

### **Keep out of reach of children**

This device contains small parts which may pose a choking hazard. Consult a physician immediately if a child swallows any part of this device.

### **Do not expose to high temperatures**

Keep away from strong sunlight or other high temperatures or it may explode.

### **Be careful when handling batteries**

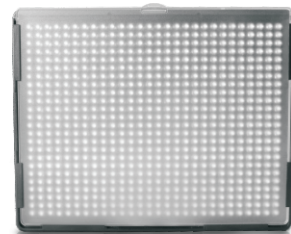
- Use only batteries listed in this manual.
- Turn off device before removing batteries.
- Keep batteries away from fire.

### **Be careful when handling power adapter**

- Don't touch the charger or adapter with wet hands in case of electric shock.
- Don't damage, disassemble or drag the power cable. Repair or replace when necessary.
- Don't place heavy things on the device.
- Clean the plug with a dry cloth.

## Foreword

Thanks for purchasing Aputure® Amaran HR672 LED video light. HR672 is made of 672 lamp beads which are designed and manufactured carefully to have over 95 CRI value, ensuring a faithful production of colors in the shoot. It is also added a brand new wireless control mode for varies applications. You're able to remotely control brightness or color temperature output in different channels and groups. Read this user guide carefully for the best results.



## 1. Introduction

Amaran HR672 is the ultimate LED portable video light using a universal 2.4G wireless signal and lamp beads with 95+ CRI. It features strong and steady light, wireless control, group control, PWM technology and lightweight. Enjoy professional lighting quality with Amaran HR672.

## Main Features

### Functions:

1. 2.4G wireless control
2. Flicker free
3. Control 4 groups LED lights
4. Digital brightness display
5. Wireless brightness control
6. Color temperature display (HR672C)
7. Wireless color temperature control (HR672C)
8. Charges batteries while powered by AC
9. Double power supply system
10. Battery power indicator

### Property:

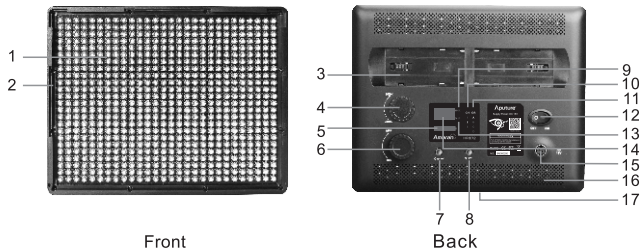
1. High color rendering LEDs (Ra>95)
2. Long lifespan and steady light
3. PWM technology and low power consumption
4. High efficiency, energy saving beads
5. Efficient heat sink technology

### Design:

1. Slim design
2. Universal lamp bracket
3. White diffusing filter
4. 3200K CTO filter (HR672W/HR672S)
5. Carrying bag

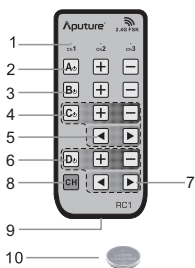
## 2. Components

### LED Panel



### VA-Remote RC1

### Accessories



### 1) LED Panel:

#### Front

- ① LED Beads
- ② Locking Frame

#### Back:

- ③ Battery Compartment
- ④ Color Temperature Wheel (HR672C)
- ⑤ Battery Indicator LED
- ⑥ Brightness Wheel
- ⑦ Channel Switch
- ⑧ Group Switch
- ⑨ Color Temperature Indicator (HR672C)
- ⑩ Channel Display
- ⑪ Group Display
- ⑫ Power Switch (ON/OFF)
- ⑬ Brightness Indicator
- ⑭ Brightness/Color Temperature Value
- ⑮ DC Slot
- ⑯ Heat Dissipation Vent
- ⑰ 1/4" Slot

### 2) VA-Remote RC1:

- ① Channel Indicators
- ② Group A: Brightness Button
- ③ Group B: Brightness Button
- ④ Group C: Brightness Button
- ⑤ Group C: Color Temperature Button
- ⑥ Group D: Brightness Button
- ⑦ Group D: Color Temperature Button
- ⑧ Channel Switch
- ⑨ Battery Compartment
- ⑩ Button Battery

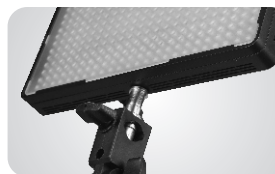
### 3) Accessories:

- ① Power Adapter
- ② Lamp Bracket
- ③ 1/4"-3/8" Screw
- ④ Batteries
- ⑤ Warming Filter (HR672W/HR672S)
- ⑥ CTO
- ⑦ Carrying bag

## 3. Preparations

### LED Panel

Rotate the 1/4"-3/8" screw to the 1/4" slot in the bottom or the side of LED panel, insert the screw into the lamp bracket and fix the bracket on the lamp stand.



### Power

#### 1) Charging With Power Adapter

Insert the power adapter into the DC slot.



## 2) Lithium Battery Installation

Insert lithium batteries according to the diagram's directions.

 Note:

Usable lithium batteries include Sony NP-F series: NP-F550/F570/F750/F770/F960/F970; NP-FM/QM series: FM50/FM51/FM55H/FM500H/QM50/QM51/QM71D/QM91D.



## VA-Remote RC1

Please insert the attached button battery into the battery compartment when use it.

### State Indicator

When the LED is turned on, it will display parameters such as battery power, brightness output, color temperature, channel and group.



### 1) Channel & Group Displays

HR672C has 3 channels(1/2/3) and 4 groups(A/B/C/D), supporting to display the actual setting of channels and groups.

### 2) Battery Indicator

The Battery Power Indicator LED fully lights when using the power adapter. It shows current battery power when using lithium batteries. The LED cycles when charging, and shows all 4 LEDs light when fully charged.

 Note:

Battery Indicator LED lights red when power is low. Time to recharge or replace the batteries.

### 3) Brightness Indicator

Brightness control ranges from 10% to 99% (brightness value is 10 to 99).

### 4) Color Temperature Indicator (HR672C)

Color temperature of HR672C can be adjusted from 3200K to 5500K. Color temperature value is in number from 32 to 55

## 4. Operations

### VA-Remote RC1

#### A. Channels & Groups Set and Display

Amaran HR672C has an actual setting display for channels and groups on the back of LED panel. It can be wireless controlled through 2.4GHz FSK radio signal from remote control. Press the channels and groups to switch the setting to match your need. The related LED indicators on the back of LED panel will display your present setting immediately.

#### B. Brightness & Color Temperature Adjustment

Set the same channel on both VA-Remote RC1 and LED panel, and choose one group on the light.

##### 1) Brightness Adjustment

Press <+/-> button of the present group on VA-Remote RC1 to adjust the corresponding brightness which varies in 1% at a time.

##### 2) Color Temperature Adjustment

Press <◀/▶> button of the present group on the VA-Remote RC1 to adjust the corresponding color temperature which varies in 100k at a time.



 Note:

1. May switch the present channel to another one once pressing the **CH** button on VA-Remote RC1.
2. May rapidly change brightness and color temperature once long pressing the corresponding buttons.
3. May suddenly change brightness and color temperature once switching the mode from wireless control to manual control.
4. Do not cover the antenna area on the rear of the remote control, or may reduce the effective range.

## Manual Control

### Brightness & Color Temperature Adjustment

#### 1) Brightness Adjustment

Rotate Brightness wheel clockwise to increase brightness. Conversely, counterclockwise to decrease.

#### 2) Color Temperature Adjustment

Rotate Color Temperature wheel clockwise to increase color temperature. Conversely, counterclockwise to decrease.



 Note:

LED indicators show the brightness by default, and will display brightness when no color temperature adjustment within 5 seconds.

### Filters Use

Install diffusing or CTO filter as you need.



### Battery Charge

Support charging battery while lighting Amaran HR672 by the power supplier. Besides only charging a pair of batteries with previous LED lights, Amaran HR672 also supports to charge one by one even plugging in adaptor with "Power Switch" off.

## 5. Specifications

Model Specification	HR672W	HR672S	HR672C
Operation Current	≤4A	≤4A	≤4A
Power	45W	45W	45W
Beam Angle	75°	25°	75°
Color Temperature	5500K	5500K	3200-5500K
Power Supply	DC 15V		
Cooling Mode	Natural Ventilation		
Remote Frequency	2.4GHz		
Channels	3		
Groups	A/B/C/D		
Remote Range	≤100m		
Volume (L*W*H)	238*190*32mm		
Net Weight	585g		

## Brightness

Model	Distance	Footcandles	LUX
HR672W	0.5M	676	7300
	1M	193	2080
HR672S	0.5M	1741	18800
	1M	559	6040
HR672C	0.5M	613	6620
	1M	178	1920

## 6. Important Notice

- 1) Please do not directly face the LED when the lights are on.
- 2) Never block the ventilation grill by covering it with paper or clothes.
- 3) Do not place the LED light near alcohol or other flammable objects.
- 4) Keep all liquids away from LED panel.
- 5) When the LED light is on or against the other items above, please turn it off, lest they cause fire or damage to the light.
- 6) Do not make LED light face down when move the light stand.
- 7) Use a clean, dry, soft cloth to clean Amaran. Use only neutral detergents to remove the dirt and stains. Do not use strong cleaning agents such as thinner, gasoline, or alcohol.

The instruction and information in this manual are based on strict, controlled company testing procedures. Further notice will not be given if the design and specifications change. Sony is a trademark or registered trademark of Sony Corporation in the P.R.C. and other countries.