Aputure®

Amaran
Perfect LED Lighting Solution

User Manual

H528W/S/C

CRI 95+

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Safety Notice

To prevent damage to your product or injury to yourself or to others, read the following safety precautions in their entirety before using this equipment. Keep these safety instructions where all those who use this equipment will read them.

☞ **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.

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Foreword

Thanks for purchasing Aputure® Amaran H528, an LED light panel designed to take your video shooting to another level. It has a wide range of features to enhance your film-making experience. For the best results, read this manual carefully.

1. Product Introduction

Amaran H528 is the ultimate LED video light. It features strong and steady light to enhance your subject matter, manual brightness control, and uses PWM technology, decreasing power dissipation. It is expandable for maximum brightness, small for easy portability, and has an efficient dual power supply system. Use Amaran H528 to get the same professional lighting quality as seen on TV and Hollywood.

Main Features

Function:
1. Digital brightness display
2. Brightness wheel
3. Color temperature display (H528C)
4. Color temperature wheel (H528C)
5. Charges batteries while powered by AC
6. Double power supply system
7. Battery power indicator

Design:
1. Slim design (like an iPad)
2. Universe lamp bracket
3. White diffusing filter

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 bulbs
5. Efficient heat dissipation

4. 3200K orange warming filter (H528W/H528S)
5. Light for handheld use
6. Carrying case included

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2. Components

Front   Back

14   15   16   17   18   19

Front
1. LED Bulbs
2. Locking Frame

Back:
3. Battery Compartment
4. Color Temperature Wheel(H528C)
5. Battery Indicator LED
6. Brightness Wheel
7. Brightness/Color Temperature Value
8. Color Temperature Indicator (H528C)
9. Power Switch <ON/OFF>
10. Brightness Indicator
11. DC Slot
12. Heat Dissipation Vent
13. 1/4" Slot

Accessories
14. Power Adapter
15. Lamp Bracket
16. 1/4"-3/8" Screw
17. Orange Warming Filter (H528W/H528S)
18. White Diffusing Filter
19. Carrying bag

3. Getting Started and Basic Operation

LED Panel Installation

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

a. Turn off Amaran H528
b. Insert the power adapter into the DC slot, and plug into power source.

2) Lithium Battery Installation

Insert both 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.

State Indicator

When Amaran H528 is turned on, it will display parameters such as battery power, brightness output and color temperature.

1) Battery Indicator

The Battery 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.

2) Brightness Indicator

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

3) Color Temperature Indicator (H528C)

Color temperature of Amaran LED H528C can be adjusted from 3200K to 5500K, color temperature value is in number from 32 to 55.

Color Temperature Indicator
Brightness Indicator
Battery Indicator

4. Functions and Operations

Brightness Control

Adjust light output by rotating the Brightness Wheel. Turn clockwise to increase brightness, turn counter-clockwise to decrease brightness.

Color Temperature Control (H528C)

Adjust color temperature of Amaran H528C by rotating the Color Temperature Wheel. Turn clockwise to increase temperature, counter-clockwise to decrease temperature.

📖 Note:
　LED indicator shows the color temperature by default. Returns to color temperature indicator when no brightness control after 5s.

Using Filters

Install diffusing or warming filter according to the diagram.

Handheld Light

Amaran H528 is small and light, and can be held in your hand, when fixed on the lamp bracket according to the diagram below.

Charging Batteries

While using the adapter and batteries together, Amaran uses AC power by default, while charging the batteries simultaneously.

Brightness

Model	Distance	Footcandles	LUX
H528W	0.5M	374	4040
	1M	113	1220
H528S	0.5M	1176	12700
	1M	406	4380
H528C	0.5M	222	2400
	1M	67	725

5. Specifications

Specification \ Model	H528W	H528S	H528C
Operation Current	≤2.8A	≤2.8A	≤2A
Power Supply	DC 18V		
Average Life Span	≥100, 000h		
Volume (L*W*H)	238*190*32mm		
Power	30W	30W	15W
Cooling Mode	Natural Ventilation		
Net Weight	540g		
Beam Angle	75°	25°	75°
Color Temperature	5500K	5500K	3200-5500K

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.
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