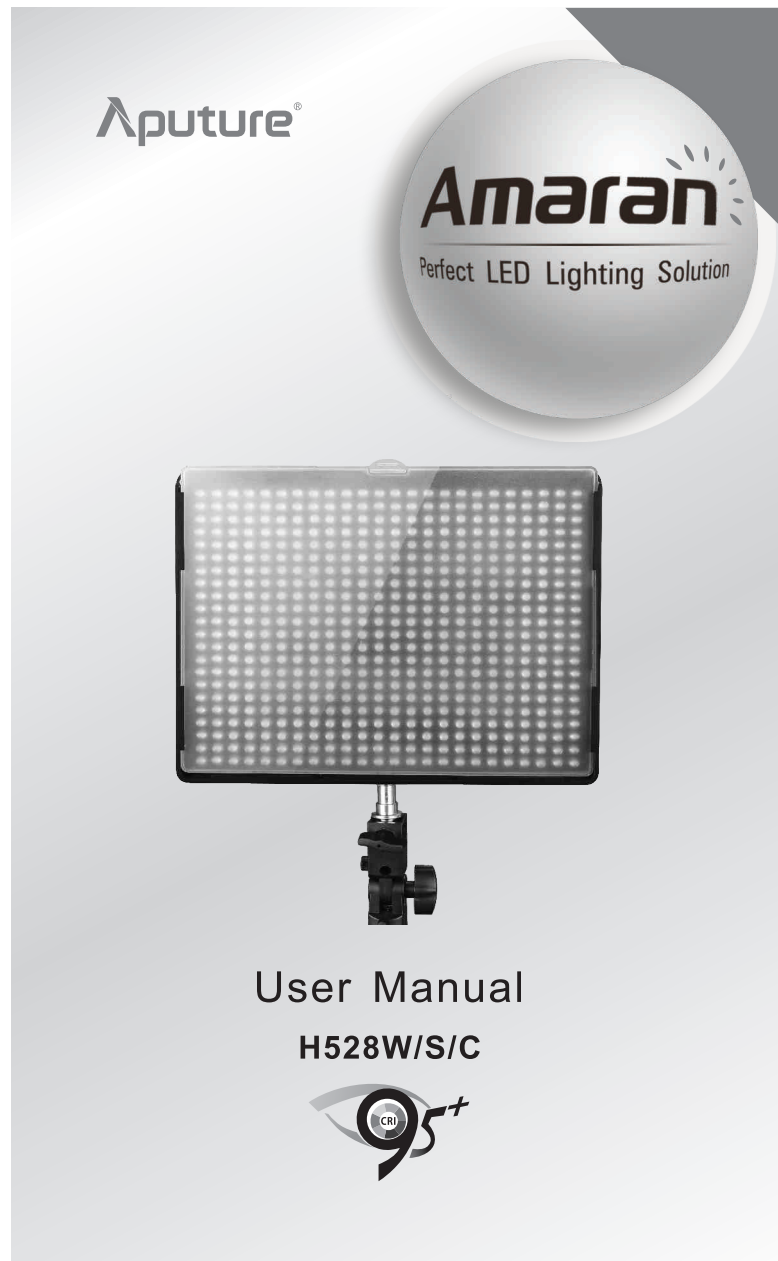


Aputure® 深圳市爱图仕摄影器材有限公司			
设计项目	026 H528 LED摄影灯 说明书	图号	AP-026-ST-04
尺寸(mm)	100*160MM	版本	A1版
材质工艺	70克书纸	设计师	宋爱玉
		日期	20140916
备注	料号：526H00002000		

Aputure®
www.aputure.com



Index

Safety Notice	1
Foreword	2
1. Product Introduction	3
Main Features	3
2. Components	4
Front	4
Back	4
Accessories	4
3. Getting Started and Basic Operation	5
LED Panel Installation	5
Power	5
State Indicator	5
4. Functions and Operations	6
Brightness Control	6
Color Temperature Control (H528C)	7
Using Filters	7
Handheld Light	8
Charging Batteries	8
5. Specifications	8
6. Important Notice	9

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**

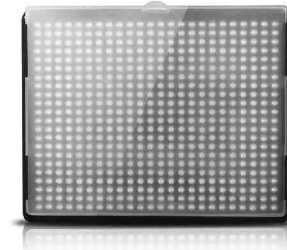
- Use only batteries listed in this manual.
- Turn off device before removing batteries.
- Keep batteries away from fire.

 **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.

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:

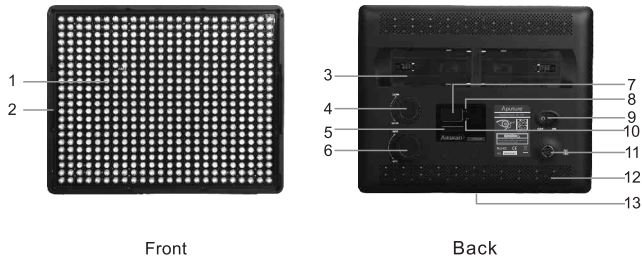
1. Slim design (like an iPad)
2. Universe lamp bracket
3. White diffusing filter

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

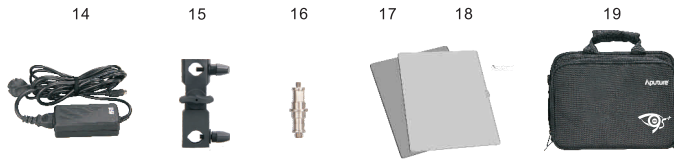
4. 3200K orange warming filter (H528W/H528S)
5. Light for handheld use
6. Carrying case included

2. Components



Front

Back



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

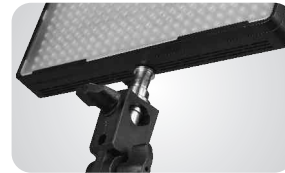
Accessories

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:

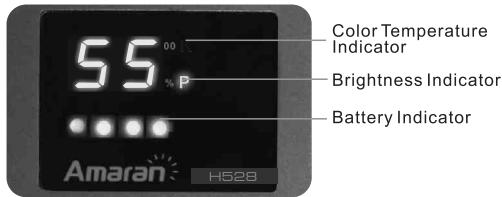
Battery Indicator LED lights red when power is low. Time to recharge or replace the batteries.

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 Control (H528C)

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

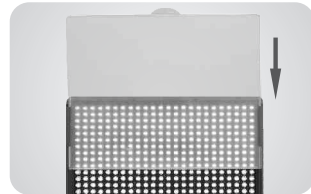


Note:

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.



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.

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.

5. Specifications

Model	H528W	H528S	H528C
Specification			
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

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

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.

Aputure®
爱图仕



使用者指南

H528W/S/C



目 录

安全须知	1
前言	2
一、产品功能简介	3
主要特点	3
二、各部件名称	4
1. 前视图	4
2. 后视图	4
3. 各附件名称	4
三、用前准备及操作	5
1. 摄影灯的安装	5
2. 给摄影灯通电	5
3. 状态显示	5
四、功能与操作	6
1. 亮度调节	6
2. 色温调节(H528C)	7
3. 安装色片、柔光片	7
4. 手持照明	7
5. 充电功能	8
五、产品规格	8
六、注意事项	9

安全须知

为了防止对产品造成损害或伤害到您自己或他人，请在使用前充分阅读下面的安全须知，并妥善保管以便所有本产品使用者可随时参阅。

👉 请勿自行拆卸或改装

违反此警告可能会触电或导致产品故障。若本产品因为摔落或其它意外事故造成破损，请取下电池，并送到专业维修店维修。

👉 保持干燥

- 请勿用湿手操作，禁止将产品置于水中或在雨中作业。否则可能引起火灾或触电。
- 请勿在有易燃气体的环境下使用，违反此警告可能引起爆炸或火灾。

👉 置于儿童接触不到的地方

本产品包含的零部件，有可能造成窒息的危险。如果儿童不小心吞食了零件，请立即送往医院救治。

👉 请勿暴露于高温环境

请勿将本产品置于阳光直射下的封闭的车辆内或其他高温环境。否则可能导致产品发生爆炸。

👉 电池使用安全事项

- 只能使用本手册中指定的电池，使用非原厂匹配或规定以外的电池有可能造成设备的损坏。
- 在替换电池之前，请确认已关闭电源。
- 请勿将电池投入火中或加热升温。

👉 电源适配器使用安全事项

- 请勿用湿手接触插头或适配器，否则可能导致触电。
- 请勿损坏、拆卸、用力拉拽电源线，勿将其置于重物之下，也勿将其靠近热源或火焰。若发现电源线破损时，请将其送至维修处进行检查维修，否则可能导致火灾或触电。
- 若插头金属部分或周围有灰尘，应用干布将其擦去。

前言

感谢您购买爱图仕“艾蒙拉”LED摄影灯H528系列产品，本产品延续了“艾蒙拉”系列产品的优越性能，在功能和设计上又有诸多创新。它外形精美、设计时尚，使用便利，并且拥有强大稳定的亮度输出。使用前，请先阅读完本说明书，以便您能充分地灵活运用本产品的功能。



一、产品功能简介

当您使用单反相机或摄像机进行拍摄时，常因光线不足而影响拍摄效果。爱图仕“艾蒙拉”LED摄影灯H528系列产品为您提供充足且稳定的光源。

“艾蒙拉”LED摄影灯采用PWM调光技术，光照范围广，亮度均匀，色温稳定，而且外形精致小巧、携带方便，并拥有诸多创新功能，是您室内或户外拍摄补光的最佳拍档。

主要特点

功能：

1. 数字显示亮度百分比
2. 无级调节光亮度
3. 数字显示色温（H528C）
4. 无级调节色温（H528C）
5. 可直接用锂电池或通过适配器供电，并带智能充电系统
6. 四级电池电量显示

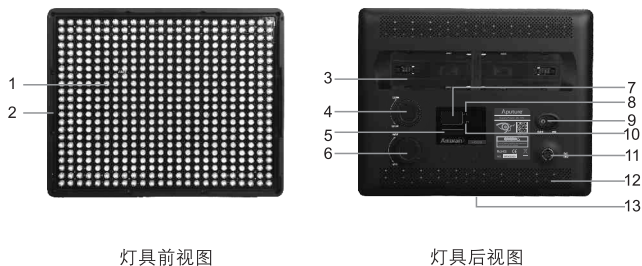
性能：

1. 高显色性LED灯珠（Ra>95），真实还原色彩
2. 精选优质灯珠，稳定如一，寿命长达100,000小时
3. 采用PWM调光技术，低功耗
4. 高效节能，绿色环保
5. 优良的散热性能

设计：

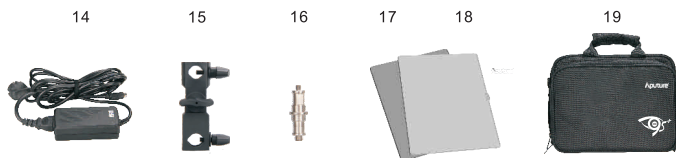
1. 精致小巧，只有IPAD大小
2. 搭配灯架支撑柱，方便调整LED灯角度
3. 搭配白色柔光片
4. 搭配3200K橙色色片（H528W/H528S）
5. 可手持照明
6. 附送精美提包

二、各部件名称



灯具前视图

灯具后视图



1. 前视图

- ① LED灯珠
- ② 色片/柔光片卡槽

2. 后视图

- ③ 电池仓
- ④ 色温调节旋钮 (H528C)
- ⑤ 电量指示灯
- ⑥ 亮度调节旋钮
- ⑦ 亮度/色温值显示区
- ⑧ 色温显示灯 (H528C)
- ⑨ 电源开关<ON/OFF>
- ⑩ 亮度显示灯
- ⑪ DC接口
- ⑫ 散热孔
- ⑬ 1/4"螺孔

3. 各附件名称

- ⑭ 电源适配器
- ⑮ 灯架支撑柱
- ⑯ 1/4"转3/8"螺杆
- ⑰ 橙色色片 (H528W/H528S)
- ⑱ 白色柔光片
- ⑲ 提包

4

三、用前准备及操作

1. 摄影灯的安装

将1/4"转3/8"螺杆顺时针旋入LED灯底部(或侧面)1/4"铜螺母中,并旋紧;通过灯架支撑柱连接1/4"转3/8"螺杆和灯架,调整合适角度并旋紧固定。



2. 给摄影灯通电

1) 使用电源适配器

- a. 确保电源开关处于关闭状态。
- b. 将电源适配器分别接入电源插座和摄影灯DC电源接口中。



2) 锂电池安装

将锂电池的插孔插入LED灯电池仓的顶针中,并固定好锂电池。



📖 小贴士:

本产品适用锂电池型号为索尼NP-F
系列: NP-F550/F570/F750/F770/F960/F970;
NP-FM/QM系列: FM50/FM51/
FM55H/FM500H/QM50/QM51/QM71D/QM91D.

3. 状态显示

接上电源,打开电源开关,“艾蒙拉”LED摄影灯会显示产品的当前状态。

5

1) 电量显示

H528系列摄影灯单独使用电源适配器时，电量指示灯全亮；单独使用锂电池时，指示灯显示当前电量。而当同时使用电源适配器和锂电池时，电量指示灯将显示充电状态，充满后4个LED灯全亮。

📌 小贴士：

电量较低时，电量指示灯将显示为红色，此时应尽快充电或更换电池。

2) 亮度显示

H528系列摄影灯亮度可调范围为10-99%，亮度显示区将以10到99显示。

3) 色温显示(H528C)

H528C摄影灯色温可调范围为3200K-5500K，色温显示区将以32-55显示。



四. 功能与操作

1. 亮度调节

爱图仕H528系列摄影灯具有亮度调节功能。顺时针旋转亮度调节旋钮，亮度增强；反之，亮度减弱。如图示：



6

2. 色温调节(H528C)

爱图仕H528C摄影灯具有色温调节功能，顺时针调节色温旋钮，色温增加，反之，色温减小。如图示：

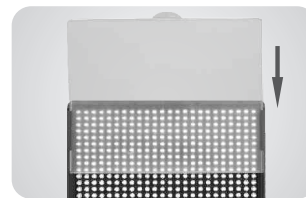


📌 小贴士：

H528C默认为色温显示，在调节完亮度不操作5秒后自动回到色温显示状态。

3. 安装色片、柔光片

可以根据需要选择色片或柔光片，然后按照图示，直接从产品上部的卡槽插入即可。



4. 手持照明


将灯架支撑柱接入LED灯底部（或侧面）1/4"铜螺母中，直接手持灯架支撑柱即可，如图示：



7

5. 充电功能

爱图仕H528系列摄影灯同时使用电源适配器和锂电池时，可直接对锂电池充电。

 小贴士：

H528系列摄影灯在工作时优先为照明供电，然后再为锂电池充电。

五、产品规格

规格 \ 型号	H528W	H528S	H528C
工作电流	< 2.8A	< 2.8A	< 2A
工作电压	DC 18V		
平均寿命	≥ 100,000小时		
体积(长X宽X高)	238*190*32mm		
功耗	30W	30W	15W
散热方式	自然通风		
净重	540g		
光照角度	75°	25°	75°
色温	5500K	5500K	3200-5500K

亮度测试数据

型号	距离	英尺烛光(ftc)	勒克斯(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

六、注意事项

1. 当摄影灯点亮时，切勿直视。
2. 使用过程中，散热口切勿有遮盖物以免影响产品散热而损坏设备。
3. 避免将摄影灯放置在如酒精、汽油等易燃或易挥发的溶剂附近。
4. 切勿将任何物体摄影灯上或使液体掉入其内部。
5. 当摄影灯放在或靠在其他物品上时，请关掉摄影灯，否则有可能会造成火灾或损坏摄影灯。
6. 搬动灯架时切勿使摄影灯朝下。
7. 当清洁摄影灯时，请选用干软布沾上中性清洁剂将其污垢擦去，切忌使用烈性的清洁剂，如稀释剂、汽油或酒精等。

此说明书依据本公司严格测试制定。设计和规格如有变更，恕不另行通知。
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