

The following features are available in this PDF document.



Quick Keyword Search

Enter the keyword in the search box and click the search button



Quick Jump Between Chapters

Click the title of a specific chapter on the Contents to navigate to the corresponding chapter

*Reading software such as Adobe Reader is needed to support the features above.



ZHIYUN FIVERAY M40 SE Light

User Guide

Contents

<input type="checkbox"/> Product Overview	
Product Overview	1
<input type="checkbox"/> Packing List	
Packing List	3
<input type="checkbox"/> Getting to Know the ZHIYUN FIVERAY M40 SE Light (the "M40 SE")	
Getting to Know the ZHIYUN FIVERAY M40 SE Light	4
<input type="checkbox"/> Charging Instructions	
Charging Instructions	5
<input type="checkbox"/> Accessory Installation	
Installing and Removing the Diffuser	6
<input type="checkbox"/> Installing the Tripod	
Installing the Tripod	7
<input type="checkbox"/> Installing the Light Stand	
<input type="checkbox"/> Using the M40 SE	
Description of Knobs and Indicator Lights	9
Instructions	11
<input type="checkbox"/> Firmware Upgrade	
<input type="checkbox"/> Product Specifications	
<input type="checkbox"/> Disclaimer and Warnings	
Reading Tips	16
Safe Operation Instructions	17

Warranty Card

Warranty Period 18

Warranty Exclusions 18

Warranty Claim Procedure 18








Contact Card

Product Overview

The ZHIYUN FIVERAY M40 SE Light is a high-intensity, portable LED pocket light that supports both brightness and color temperature adjustments. It can be mounted on a tripod or light stand to meet the fill light needs for video recording, live streaming, still photography, and other scenarios. Product highlights are as follows:

1. Compact and lightweight; simple and quick to operate.
2. Modern design with outstanding performance.
3. High color rendering index (CRI), accurately restores the natural colors of objects.
4. Flexible brightness and color temperature adjustment, suitable for a wide range of applications
5. Electronic back-pressure cooling system provides excellent heat dissipation.
6. Supports PD fast charging and can be used while charging.
7. Multiple installation methods: handheld, tripod-mounted, or light-stand-mounted.

Warning

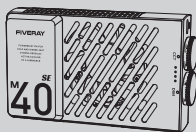
-  This product is not waterproof. Do not expose the product to any liquids. Do not use this product in the rain or humid environments.
-  If water accidentally enters the product during use, stop using it immediately and contact us or authorized maintenance personnel. You may continue to use it only after the product is repaired.
-  It is strictly forbidden to use this product in places with corrosive chemicals, flammable, or explosive materials.
-  To avoid burns, do not touch the heating components when using this product.
-  Please do not cover or block the cooling fan with foreign objects to avoid affecting the product's heat dissipation.
-  To avoid visual impairment, it is strictly forbidden to stare at the luminous LED of this product.
-  Do not use this product in a high-temperature environment exceeding 40° C.

Miscellaneous

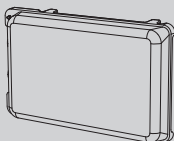
1. This product is a high-precision control device. Damage may be caused if it is dropped or is subject to external impact or compression, and this may result in device malfunctioning.
2. When using this product, keep your hands dry. It is recommended to clean it with a soft, dry cloth.
3. Keep this product out of reach of children.
4. Disconnect the external power supply when the product is not in use.
5. Do not place any objects on this product to prevent potential damage.
6. Protect the product from dust and sand during use.
7. Ensure the product has completely cooled before storage. Store it in a dry, well-ventilated place.
8. Do not attempt to disassemble this product yourself. In case of malfunction, contact our company or authorized service personnel for repairs.

Packing List

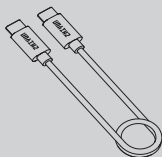
The product package comes with the following items. If there are any missing items, please contact ZHIYUN or your local distributor.



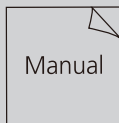
Master unit x1



Diffuser x1

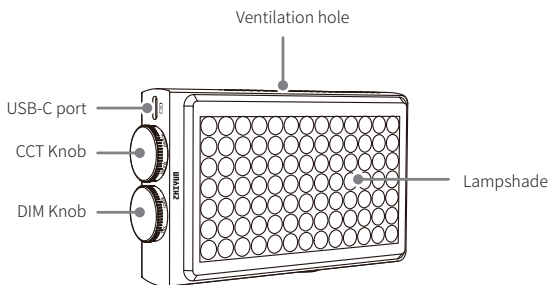
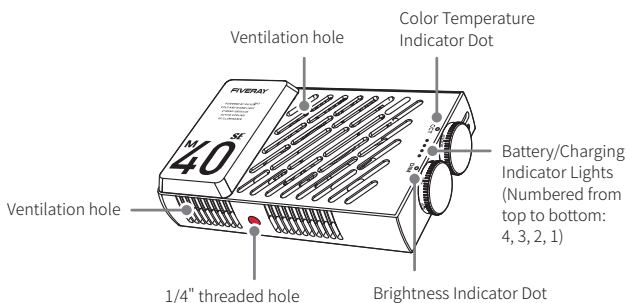


USB Type-C data cable x1



Quick Start Guide x1

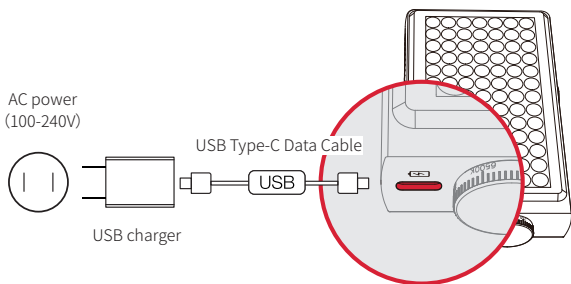
Getting to Know the ZHIYUN FIVERAY M40 SE Light



Charging Instructions

This product features a built-in battery. Before first use, fully charge the M40 SE to activate the battery and ensure proper operation.

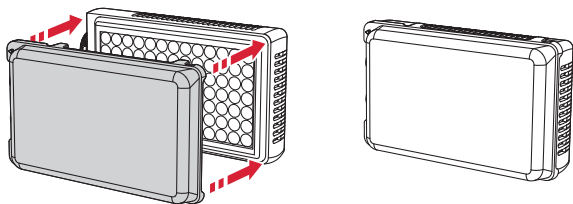
Charging Method: Use the included USB Type-C data cable to connect the M40 SE to a USB charger. We recommend using a charger that supports PD fast charging protocol. When charging and using the device at the same time, the charger will prioritize powering the M40 SE. Any remaining power will be used to charge the battery. The battery supports a maximum charging power of 15 W.



- ① It is recommended to fully charge the M40 SE before each use, as low battery may affect its performance.
- ② USB charger not included.

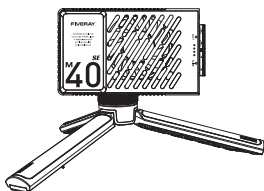
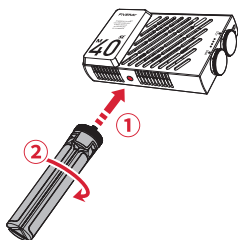
Installing and Removing the Diffuser


Align the four corners of the diffuser with the four corners of the M40 SE light body. Press the diffuser onto the M40 SE until it snaps securely into place. To remove, simply pull the diffuser off the M40 SE.



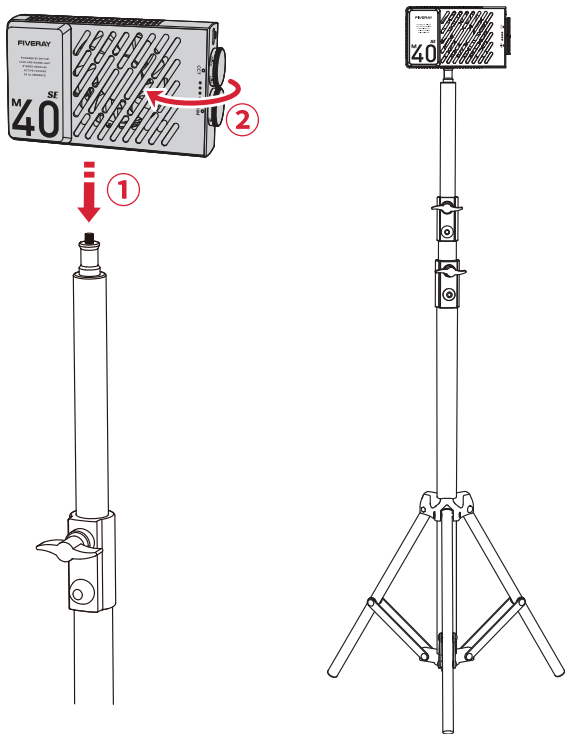
Installing the Tripod


Align the 1/4-inch screw at the top of the tripod with the 1/4-inch threaded hole on the bottom of the M40 SE. Secure the M40 SE onto the tripod.



 Tripod not included.

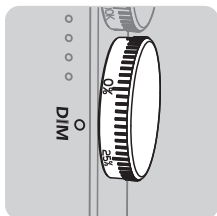
Align the 1/4-inch threaded hole at the bottom of the M40 SE with the 1/4-inch screw at the top of the light stand. Mount the M40 SE securely onto the light stand.



 Light stand not included.

- ⚠ Do not look directly at the luminous LEDs while the M40 SE is operating.
- ⚠ The M40 SE is rated IP20 for ingress protection.

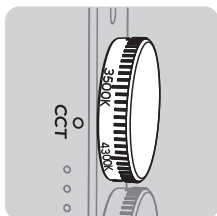
Description of Knobs and Indicator Lights



DIM knob:

Rotate: Power on/off.

Adjust the brightness value.



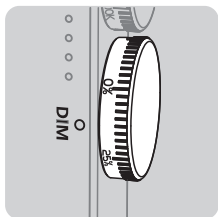
CCT knob:

Rotate: Adjust the color temperature value.

Indicator Light Status Description:

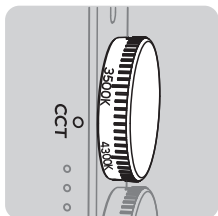
Indicator Light	Status Description	General Handling Measures
The first indicator light is flashing	Low battery	
The second indicator light is flashing	Hardware malfunction	Contact after-sales support for assistance
The third indicator light is flashing	Upgrading firmware...	
The fourth indicator light is flashing	Firmware missing	Reinstall the firmware.
Two or four indicator lights are flashing simultaneously	Temperature too low or too high	Use in a normal temperature environment or wait until the device cools down.
Three indicator lights are flashing simultaneously	Hardware malfunction	Contact after-sales support for assistance
One indicator light remains solid	Remaining battery level: 0–25%	
Two indicator lights remain solid	Remaining battery level: 25–50%	
Three indicator lights remain solid	Remaining battery level: 50–75%	
Four indicator lights remain solid	Remaining battery level: 75–100% / Charging complete	
The four indicator lights cycle on in sequence	Charging	

Instructions



Power On/Off and Brightness Adjustment

Rotate the DIM knob. When you hear a "click" and the brightness indicator dot is positioned between "OFF" and 0%, the M40 SE will power on. At this point, the battery/charging indicator light will display the remaining battery level. Continue turning the DIM knob to adjust the brightness of the M40 SE.



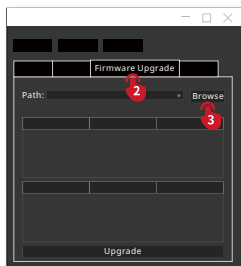
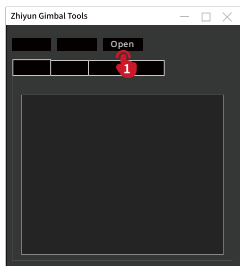
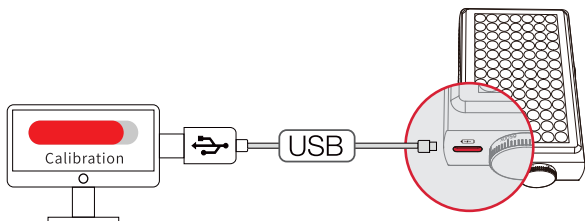
Color Temperature Adjustment

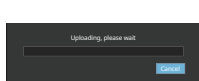
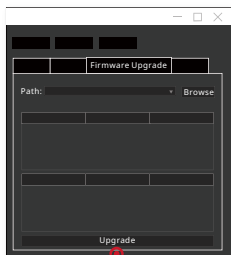
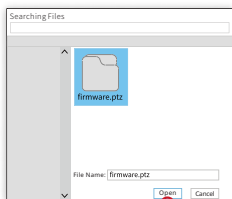
Rotate the CCT knob to adjust the color temperature value.

You can use the Zhiyun upgrade tool "Zhiyun Gimbal Tools" to upgrade the M40 SE firmware.

Follow the steps below:

1. Visit the ZHIYUN official website at www.zhiyun-tech.com. On the M40 SE product page, find the "Download" page, and download the Zhiyun Gimbal Tools and firmware.
2. Decompress the firmware package to obtain a file with the extension ".ptz".
3. Use a USB Type-C data cable to connect the USB-C port of the M40 SE to the USB port of the computer.
4. Open the "Zhiyun Gimbal Tools", then click "Open" at the top of the tool. Click "Browse" under "Path" to select the latest firmware file downloaded (with the .ptz extension). Finally, click "Upgrade" at the bottom of the tool to enter the upgrade mode. After a successful upgrade, the M40 SE will be automatically turned off.





Product model: PLM111

Battery Capacity	2600mAh/3.7V/19.24Wh	
Power	33W	
Color temperature range	2700K-8500K	
Dimming range	0-100%	
Color Rendering Index (CRI/TLCI)	CRI \approx 95 TLCI \geq 97	
CQS	\geq 95	
SSI(D32)	82	
SSI(D56)	74	
Number of LEDs	84pcs	
TM-30 Rf (on average)	90	
TM-30 Rg (on average)	100 \pm 3	
Charging Time	1H 40min	Lab Data 1
Illuminance (at Maximum Power)	4260	Lab Data 2
Runtime (at Maximum Power)	44min	Lab Data 3
USB power/voltage	P \geq 18W U \geq 9V	

Operating environment temperature	-10°C~ 40°C	
Product dimensions (bare unit)	132.3*77.9*31.3mm	L*W*H
Product Net Weight	250g	

Laboratory Data 1: This data was obtained under the conditions of an ambient temperature of 25°C using 15W PD fast charging.

The measured charging time was 1 hour and 40 minutes. Actual charging time may vary depending on environmental conditions. Lower ambient temperatures reduce the charging current, resulting in longer charging times.

Laboratory Data 2: This data was obtained under the following conditions: ambient temperature of 25°C, indoor brightness below 0.1 lux, test distance of 1m, color temperature set to 6500 K, and brightness at 100%. The measured illuminance was 4260 lux. Actual illuminance of M40 SE may vary depending on ambient lighting conditions.

Laboratory Data 3: This data was obtained with an ambient temperature of 25°C, the M40 SE fully charged, color temperature set to 2700 K, and brightness at 100%. The measured runtime was 44 minutes. Actual runtime may vary depending on usage duration, the number of charge/discharge cycles, and battery health. As the M40 SE is used over time, the increasing number of battery cycles leads to reduced battery health, which in turn shortens the runtime.

All the data in this guide was gathered from internal experiments from ZHIYUN's laboratories. The data may differ to some extent under different scenarios so please refer to the actual use of the M40 SE.

Thank you for purchasing this product. The information contained herein affects your safety, legitimate rights and obligations. Please read this instruction carefully to ensure proper configuration before use. Failure to read and follow this instruction and warnings herein may result in serious injury to you or bystanders, or damage to your device or property. Guilin Zhishen Information Technology Co., Ltd (hereinafter referred to as "ZHIYUN") reserves all rights for final explanation of this instruction and other documents related to this product. The information is subject to update without notice. Please visit www.zhiyun-tech.com to obtain the latest product information.

By using this product, you hereby signify that you have read this document carefully and that you understand and agree to abide by the terms and conditions herein. You agree that you are solely responsible for your own conduct while using this product, and for any consequences thereof. You agree to use this product only for purposes that are proper and in accordance with all terms, precautions, practices, policies and guidelines ZHIYUN has made and may make available.

ZHIYUN accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. Users shall observe safe and lawful practices including, but not limited to, those set forth herein.

ZHIYUN™ is the trademark of Guilin Zhishen Information Technology Co., Ltd and its affiliates. All product names or trademarks referred to herein are trademarks or registered trademarks of their respective holders.

Reading Tips

Legends:  Hints and Tips

 Important

Safe Operation Instructions

Read the ENTIRE User Guide to become familiar with the features of this product before operating. Failure to operate the product correctly can result in damage to the product or personal property and cause serious injury. This is a sophisticated product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. DO NOT use with incompatible components or in any way otherwise as mentioned or instructed in the product documents provided by ZHIYUN. The safety guidelines herein contain instructions for safety, operation and maintenance. It is essential to read and follow all of the instructions and warnings in the User Guide, prior to assembly, setup or use, in order to operate the product correctly and avoid damage or serious injury.

Warranty Period

1. Customers are entitled to replacement or free repair service in case of quality deficits found in the product within 15 days upon receipt of the product.
2. Customers are entitled to free repair service from ZHIYUN for any product proven defective in material or workmanship that results in product failure during normal consumer usage and conditions within the valid warranty period, which is 12 months counting from the date of selling. However, warranty period varies by product component and country of purchase. Please contact our after-sales service team on ZHIYUN official website or your place of purchase for detailed warranty information.

Warranty Exclusions

1. Products subjected to unauthorized repair, misuse, collision, neglect, mishandling, soaking, accident, and unauthorized alteration.
2. Products subjected to improper use or whose labels or security tags have been torn off or altered.
3. Products whose warranty has expired.
4. Products damaged due to force majeure, such as fire, flood, lightning, etc.

Warranty Claim Procedure

1. If failure or any problem occurs with your product after purchase, please contact a local authorized dealer for assistance, or you can always contact ZHIYUN's customer service through email at info@zhiyun-tech.com or website at www.zhiyun-tech.com.
2. Your local authorized dealer or ZHIYUN's customer service will guide you through the whole service procedure regarding any product issue or problem you have encountered. ZHIYUN reserves the right to reexamine damaged or returned products.

Customer Information

Customer Name:

Phone Number:

Address:

Sales Information

Sales date:

Product Serial Number:

Distributor Name:

Distributor's Contact Number:

First Maintenance Record

Service Date:

Repairman Signature:

Cause of Problem:

Service Result:

Solved

Unsolved

Refunded/Replaced



Website



Weibo



Vimeo



Google+



Facebook
(Zhiyun Support)



Facebook
(Zhiyun Tech)



Youku



Youtube



WeChat



Instagram

Tel: +86 400 900 6868

USA Hotline: +1 808-319-6137,9:00-18:00 GMT-7,Mon-Fri

Europe Hotline: +49 (0) 61018132180,10:00-17:00 GMT+1,Mon-Fri

Web: www.zhiyun-tech.com

E-mail: info@zhiyun-tech.com

Address: 09 Huangtong Road, Tieshan Industrial Zone, Qixing District, Guilin, 541004, Guangxi, China

Certificate of Quality

This product is confirmed to meet quality standards and permitted for sale after strict inspection.

QC Inspector: _____



For full product information, please visit ZHIYUN's official website: Content on www.zhiyun-tech.com is subject to update without notice.

ZHIYUN™ is a trademark of ZHISHEN

All product names or brands referred to hereunder may be trademarks or registered trademarks of their respective holders.

Copyright © 2025 ZHISHEN. All rights reserved.

FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

- English: "

This device complies with Industry Canada licence-exempt RSS standard (s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device."

- French:"

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

MODIFICATION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

Toute modification non approuvée explicitement par le fournisseur de licence de l'appareil peut entraîner l'annulation du droit de l'utilisateur à utiliser l'appareil.

IC Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition au rayonnement IC:

Cet équipement est conforme aux limites d'exposition au rayonnement IC fixées pour un environnement non contrôlé. Cet équipement doit être installé et exploité avec une distance minimale de 20cm entre le radiateur et votre corps.

ZHIYUN-TECH.COM