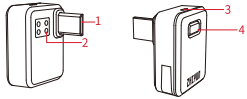


Brief Introduction

TransMount CRANE-M3 Bluetooth Control Unit (hereinafter referred to as "Bluetooth control unit") is dedicated to CRANE-M3. When installed the Bluetooth control unit to the USB port of the camera and connected to CRANE-M3, the camera can be wirelessly controlled with the buttons on the CRANE-M3. There are three types of USB ports available for the Bluetooth control unit: Micro, Type-C, and Multi. Make sure to choose proper Bluetooth control unit corresponding to the USB port type of your camera. For more details of the supported camera models, please visit the official website of ZHIYUN (www.zhiyun-tech.com) and check the "CRANE-M3 Camera Compatibility List". TransMount CRANE-M3 Expansion Base (hereinafter referred to as "expansion base") can be mounted to the bottom of the CRANE-M3 handle to charge and pack Bluetooth control unit and to perform Bluetooth pairing and firmware upgrade. The 6.5mm audio input port at the expansion base can be connected to the TransMount Shotgun Microphone for high-quality audio solutions in scenes like interviews and audio recording.

1

Get to Know TransMount CRANE-M3 Bluetooth Control Unit

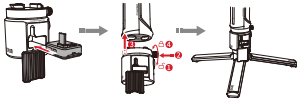


- 1. USB Port**
• Three types of ports are available: Micro, Type-C and Multi. The images use Multi port as examples.
 - 2. Contact Points**
 - 3. Indicator Light (indicates current status)**
- | Light | Indication |
|---------------------------|----------------------------|
| Quick flashing red light | Firmware upgrade |
| Slow flashing red light | Low battery |
| Double-flashing red light | Failed to upgrade firmware |

2

Battery and Charging

Bluetooth control unit is equipped with built-in battery. When using Bluetooth control unit for the first time, please fully charge the battery to activate them and to ensure the proper function of the product.
Charging method: Install the Bluetooth control unit to the expansion base and mount the expansion base to the CRANE-M3. Power on the CRANE-M3 to charge. The green light on the Bluetooth control unit slowly flashes when charging. When the green light turns solid, the charging is complete.



- It is recommended to fully charge the device each time before using. The performance will be affected if the battery is too low.

3

Bluetooth Pairing

When connecting to CRANE-M3 for the first time, the Bluetooth control unit should be paired with the gimbal.
Pairing method: Install the Bluetooth control unit to the expansion base (1), power on the CRANE-M3 (2), wait for approx. 3secs for the control unit to be automatically paired with the gimbal.



How to Install and Use

- 1. TransMount CRANE-M3 Bluetooth Control Unit**
① Install Bluetooth control unit to the USB port of the camera. Make sure to choose proper Bluetooth control unit corresponding to the USB port type.



4

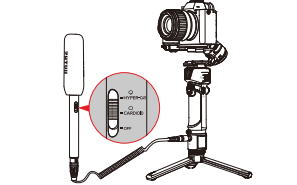
Firmware Upgrade

Install the Bluetooth control unit to the TransMount CRANE-M3 Expansion Base. Power on CRANE-M3. If a new version of the firmware is available, the Bluetooth control unit will automatically start the upgrade. The CRANE-M3 touch screen will inform you of the current upgrade status.

- For more details on how to use CRANE-M3, please visit the official website of ZHIYUN (www.zhiyun-tech.com) and watch the CRANE-M3 video tutorials.

10

- ② Connect the microphone and the MIC IN port of the expansion base with the 6.5mm to XLR audio cable. Power on the microphone, CRANE-M3, and the camera to use.



- ① The microphone supports HYPER-CARDIOID and CARDIOID mode. Choose the proper mode according to the actual environment.
② Install the battery to the microphone before using.

9

Lab Data 1: The above data is collected at a specified temperature of 25°C. When the Bluetooth Control Unit (Micro) with the fully-charged 50mAh battery is installed to a EOS 200D Mark II camera, the runtime is 2H.

Lab Data 2: The above data is collected at a specified temperature of 25°C with the TransMount CRANE-M3 Expansion Base mounted to a fully-charged CRANE-M3. The charging time is 1h. The actual charging time varies with environmental factors. In addition, the lower the temperature, the longer the charging time.

Disclaimer and Warning

Thank you for purchasing TransMount CRANE-M3 Bluetooth Control Unit/TransMount CRANE-M3 Expansion Base. The information contains herein affects your safety, legitimate rights and obligation. 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 on this instruction and other documents related

12

Battery Storage

- Keep batteries out of the reach of children and pets.
- Do not leave the battery near heat sources such as a furnace or heater, or inside of a vehicle on hot days. Never expose the battery in any environment with temperature of over 60°C. The ideal storage temperature is 22°C-28°C.
- Store batteries in a dry environment.
- Do not leave the battery unused for too long after it has been completely discharged to prevent over-discharge of battery which may result in battery damage and permanent failure.

Battery Maintenance

- Do not over-charge or over-discharge the battery, which will damage the battery.
- The battery performance will be affected for not being used for a long time;
- Never use the battery when the temperature is too high or too low;
- Recharge and discharge every 3 months to keep the battery alive.

Battery Disposal

- Please fully discharge the battery before putting it in the designated recycling bin. Batteries contain hazardous

16

constituents and it is forbidden to put the battery in general waste bin. For related details please abide by the local laws and regulations on battery recycling and disposal.

If the battery cannot be discharged completely, do not dispose of the battery directly in the battery recycling bin, and contact a professional battery recycling company for further processing.

Warranty Period

- Customers are entitled to replacement or free repair service in case of quality defects found in the product within 15 days upon receipt of the product.
- 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 use 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 the ZHIYUN official website or your place of purchase for detailed warranty information.

17

Solid red light	Bluetooth malfunction
Quick flashing green light	Power on/off
Slow flashing green light	Charging in progress
Solid green light	Charging complete
Quick flashing blue light	Searching Bluetooth
Double-flashing blue light	Bluetooth unpaired. Install to the expansion base to pair.
Solid blue light	Bluetooth paired

4. Power Button

- Long press for 2s: Power on/off
- Long press for 6s: Reset Bluetooth

3

② Power on CRANE-M3 and Bluetooth control unit.

When completed the initial Bluetooth pairing, the Bluetooth control unit will automatically search to connect the CRANE-M3 Bluetooth while the indicator light turns into quick flashing blue light. When the Bluetooth connection is successful, the indicator light will turn into a solid blue light.

Solid blue light: connection successful



- ③ When the Bluetooth connection is successful, you can control the camera to take photos/film videos via the filming button on CRANE-M3. For adjusting camera parameters, go to "Settings" - "Control Wheel" in the touch screen menu to customize your parameter settings and slide the adjustment wheel to adjust.



7

Get to Know TransMount CRANE-M3 Expansion Base

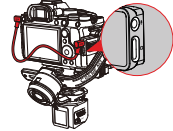


1. Expansion Base Tenon
2. 1/4" Threaded Hole
3. Contact Points for CRANE-M3
• Can be connected to CRANE-M3 when installed to the CRANE-M3 handle.
4. Bluetooth Control Unit Slot
• To charge and pack the Bluetooth control unit and to perform Bluetooth pairing and firmware upgrade.
5. 1/4" Threaded Hole
6. Expansion Base Lock Screw
7. Microphone Input Port

- Supported functions may vary for different cameras. For more details of the supported camera models and functions, please visit the official website of ZHIYUN (www.zhiyun-tech.com) and check the "CRANE-M3 Camera Compatibility List".

2. TransMount CRANE-M3 Expansion Base

Besides charging and packing the Bluetooth control unit, performing Bluetooth pairing and firmware upgrade, the expansion base can also be used to connect TransMount Shotgun Microphone for high-quality audio solutions in scenes like interviews and audio recording.
① Connect the microphone input port of the camera and the audio transmission port of CRANE-M3 with the audio cable.



8

Product Specifications

Product Model : COB08/COB09/COB10

	Min.	Standard	Max.	Remark
Operation Voltage	3.3V	3.7V	4.2V	
Operation Current		25mA		
Operation Temperature	-10°C	25°C	45°C	
Battery Capacity	-	50mAh	-	
Battery Runtime	-	2H	-	Lab Data 1
Charging Time	-	1H	-	Lab Data 2
Bluetooth Control Unit Net Weight	-	≈5g	-	
Bluetooth Control Unit Size (Micro)	-	≈25*20*18mm	-	
Bluetooth Control Unit Size (Type-C)	-	≈25*20*15mm	-	
Bluetooth Control Unit Size (Multi)	-	≈25*20*18mm	-	
Bluetooth	-	5.0	-	

Operation Frequency	-	2.4GHz	-	
---------------------	---	--------	---	--

11

Warnings

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.

Safe Operation Guidelines

CAUTION:

- Bluetooth control unit/expansion base are high-precision control devices. Damage may be caused to the Bluetooth control unit/

14

expansion base if dropped or subject to external force, and this may result in malfunction.

- Bluetooth control unit/expansion base are not waterproof. Prevent contacts of any kind of liquid or cleaner with the Bluetooth control unit/expansion base. It is recommended to use dry cloth for cleaning.

3. Protect Bluetooth control unit/expansion base from dust and sand during use.

WARNING: To avoid fire, serious injury, and property damage, observe the following safety guidelines when using, charging, or storing your batteries.

Use: Please make sure the battery power is sufficient each time before you use it.

Battery Charging

- Do not put the battery and charger near flammable materials or on flammable surfaces (such as carpet or wood). Never leave the battery unattended during charging to prevent any accident.
- Do not charge the battery immediately after use, because the battery temperature may be too high. Do not charge the battery until it cools down to normal room temperature. Charging the battery with its temperature over 45°C or lower than 0°C may lead to leakage, overheating, or damage.

15



Please download the latest version from www.zhiyun-tech.com. This document is subject to change without notice.

ZHIYUN™ are the trademark of ZHISHEN.

Copyright © 2021 ZHISHEN. All rights reserved.

Tel: +86 400 900 6668

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

Europe Hotline: +49 (0)6101 8132 180, 10:00-17:00 GMT+1, Mon-Fri

Email: info@zhiyun-tech.com

Website: www.zhiyun-tech.com

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

19

FCC Statement:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's 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.

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.

FCC RF Radiation Exposure Statement: The product comply with the FCC portable RF exposure limit set forth for anuncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

