

Handheld Microscope

Instructions

8+
years

THIS INSTRUCTION MANUAL MUST BE RETAINED
SINCE IT CONTAINS IMPORTANT INFORMATION.

Product description



How to use

1. Power on/off: Long press the power button 3 seconds to turn on/off. Short press the power button to switch between camera/video/browsing modes.
2. Function settings: Ensure the device screen is switched to the main interface. Short press on the function settings button to enter the settings menu.
3. Up key/Zoom in/Turn on lights: In the menu options, short press up to select. In photo/video mode, short press to enlarge the image, long press to turn on the lights.
4. Down key/Zoom out/Turn off lights: In the menu options, short press to select downwards. In photo/video mode, short press to zoom out and long press to turn off the lights.
5. Take photos/Videos/Confirm: In photo/video mode, short press to take a photo/record. In the menu options, short press to confirm. In browsing mode, short press to play the video recording, long press to display the "delete" icon, then short press again to confirm the deletion.

TF Card Installation and Matters (TF card not included)

1. Insert the TF card into the card slot in the correct direction until it is fixed in the slot. When removing the TF card, gently press it down until it pops out. (The TF card must be a C10 or higher high-speed card to use. Please do not plug in or unplug the TF card while the machine is switched on to avoid damage to the machine and TF card.)
2. Please pay attention to the direction of TF card insertion. Reversing the insertion may damage the machine, TF card, and card slot.
3. When you insert the TF card into the machine, the machine will set this TF card as the default storage device, and the data in the original TF card may not be readable. Please make a backup of the data first.
4. If the TF card is incompatible with the machine, please use the formatting option in the local memory menu to format the TF card or try again with a different TF card.



Force shutdown/restart

Use a fine needle to poke the reset hole. (Note: Needles are not included. Adult assistance is required for operation. Restoring factory settings will not delete images and videos.)



Optical magnifying glass

Aim the optical magnifying glass at the object being observed, and see the device in action! (ATTENTION: DO NOT USE OPTICAL MAGNIFYING GLASS IN DIRECT VIEW OF THE SUN TO AVOID EYE BURNS OR ITEMS CATCHING FIRE.)



Handheld observation mode

1. Long press "On/Off" for 3 seconds to turn on the device, and short press "On/Off" to switch to camera mode.
2. Aim the objective lens at the observation object and adjust the distance between the observation object and the objective lens until the observation object is clearly visible. (Note: When observing flat objects, they need to be closely attached to the object and the object must be flat, when observing concave and convex objects, the angle of the main body needs to be adjusted slightly, and there may be slight errors in actual testing.)
3. Long press the "up" button to turn on the lights until the screen is bright and visible, then short press the "up/down" button to zoom in or out.



Photography/Videography



Attention

This device cannot accurately read the magnification of the microscope and belongs to a microscope that combines digital and optical magnification. The specific magnification effect is subject to the actual captured image.

1. Photography mode: Press "power on/off" to switch to camera mode, and press "Take photos/Videos" to complete the photo taking.
2. Camera mode: Press "ON/Off" to switch to camera mode, press "Take photos/Videos" to start recording, then press "Take photos/Videos" again to end recording. (Note: Switching to browsing mode allows you to view photos/videos you've taken.)

How to charge the lithium battery

Attention: Do not charge battery immediately after each use, let the device cool down for a while.

1. Connect the USB charging cable with the microscope first, then plug the large end of USB cable into a 5Vd.c.1A charger (not supplied) or USB port only.
2. The indicator light on the microscope will be solid red when charging. When the device it finishes charging, the indicator light will turn green.

Problem Solving

- Q1: The camera displays blurry images
A1: The camera has a fixed focal length, and the observed object needs to have a flat surface to form a clear image during use.
- Q2: The device cannot be charged
A2: 1. Replace the Type-C data cable that can be used normally.
2. Turn on the main power supply of the power supply equipment. (For example: power strip, computer power supply)
- Q3: Unable to save photos and videos
A3: 1. If a storage card has been inserted, replace the self provided storage card.
2. If the storage card is not inserted, please insert your own storage card.
3. Format the storage card. (Note: Formatting will delete all data on the storage card, please make sure to back up it in a timely manner)
- Q4: The computer cannot be connected
A4: 1. Tighten the data cable, replace it or use the original data cable.
2. The microscope host is not turned on.
3. Confirm if the memory mode has been entered correctly.

Precautions

1. The equipment belongs to precision imaging products. Please do not knock, impact, squeeze, or drop this product.
2. This device contains a built-in lithium battery, please comply with local battery recycling regulations.
3. This product is not waterproof and should not be soaked in water or stored in damp places.
4. Keep this device out of prolonged exposure to sunlight.
5. Do not use in environments with high water vapor, as it may cause damage to the motherboard.
6. Please store the product in a dry, dark place after each use, and do not litter the product, or any observed specimens after use.

7. Do not use corrosive cleaning agents to wipe this product, as it may cause damage.
8. It is recommended to charge this device at least once a month.

PRODUCT SPECIFICATIONS:
INPUT:DC-5V/1A (BY USB-C CHARGING CABLE)
RECHARGEABLE LITHIUM BATTERY CAPACITY: 400MAH(NON-REPLACEABLE)
FULLY CHARGED OPERATING TIME: APPROXIMATELY 80 MINUTES
FULLY CHARGED CHARGING TIME: APPROXIMATELY 70 MINUTES
ADULT SUPERVISION REQUIRED.
PRODUCT MAY VARY SLIGHTLY FROM IMAGE SHOWN.
PLEASE KEEP THE PACKAGING FOR FUTURE REFERENCE.
POWER STATED IS FOR REFERENCE ONLY AND THERE MAY BE A DIFFERENCE IN MAGNIFICATION.

WARNING: CHOKING HAZARD
SMALL PARTS. NOT FOR CHILDREN UNDER 3 YEARS.

WARNING: THIS TOY IS ONLY TO BE CONNECTED TO EQUIPMENT BEARING THE SYMBOLS: IED OPERATION OF THE ELECTRIC TOY WHILE CHARGING SHALL NOT BE POSSIBLE UNLESS THE ELECTRIC TOY MEETS THE REQUIREMENTS FOR ELECTRIC TOYS USING A TRANSFORMER OR A POWER SUPPLY.

CAUTION: THE PRODUCT HAS A RECHARGEABLE LITHIUM-ION BATTERY. ONLY CHARGE THE PRODUCT BY PLUGGING THE LARGE END OF THE USB CABLE INTO A 5VDC, 1A CHARGER (NOT SUPPLIED) OR USB PORT ONLY. ONLY CHARGE THE PRODUCT USING SUPPLIED CHARGING CABLE.

CAUTION: DO NOT LOOK THROUGH MAGNIFIER DIRECTLY AT THE SUNLIGHT.

WARNING: FOR SAFETY REASONS, REMOVE ALL TAGS, LABELS AND PLASTIC FASTENERS BEFORE GIVING THIS TOY TO YOUR CHILD.

WARNING: THE BATTERY CHARGER USED WITH THE ELECTRIC TOY SHALL BE REGULARLY EXAMINED FOR DAMAGE TO THE SUPPLY CORD, PLUG, ENCLOSURE OR OTHER PARTS, AND IN THE EVENT OF DAMAGE, IT SHALL NOT BE USED UNTIL THE DAMAGE HAS BEEN REPAIRED.

WARNING: THE TRANSFORMER, POWER SUPPLY OR BATTERY CHARGER USED WITH THE ELECTRIC TOY SHALL BE REGULARLY EXAMINED FOR DAMAGE TO THE SUPPLY CORD, PLUG, ENCLOSURE OR OTHER PARTS, AND IN THE EVENT OF DAMAGE, IT SHALL NOT BE USED UNTIL THE DAMAGE HAS BEEN REPAIRED. FOR THE PURPOSE OF RECHARGING THE BATTERY, ONLY USE THE DETACHABLE SUPPLY UNIT<CHARGING INPUT:DC-5V/1A CHARGING PORT>USB-C-.

MISUSE OF TRANSFORMER CAN CAUSE ELECTRICAL SHOCK.
THE TOY SHALL ONLY BE USED WITH A TRANSFORMER FOR TOYS OR A POWER SUPPLY FOR TOYS.
THE TRANSFORMER OR POWER SUPPLY IS NOT A TOY.



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