

Temodu 382

Temodu Kids Digital Microscope User Manual

Model: 382

INTRODUCTION

Welcome to the world of micro-exploration with your new Temodu Kids Digital Microscope. This device is designed to introduce children aged 3-12 to the fascinating details of the world around them, fostering curiosity and a love for science. This manual will guide you through the setup, operation, and maintenance of your microscope to ensure a rewarding experience.

PRODUCT OVERVIEW

Key Features

- **High-Resolution Screen:** Equipped with a bright and vivid 2.0-inch IPS high-resolution screen for clear and intuitive observation.
- **Portable Design:** A compact, pocket-sized microscope ideal for exploring various micro-objects like fabric, gems, stamps, skin, hair, coins, and plant structures.
- **Photo and Video Capture:** Features internal memory for up to 200 photos. For video recording, a TF memory card (sold separately) is required.
- **Magnification:** Fixed focus ultra-macro microscope with 4x digital zoom, offering up to 1000x magnification.
- **Adjustable LED Illumination:** Includes 8 LED light sources with adjustable brightness for clear viewing in various lighting conditions.
- **Computer Connectivity:** Connects to a computer via Type-C data cable for larger screen observation, photo/video capture, and storage. Compatible with Windows 10, 11, and Mac OS X 11.0 or later.
- **Rechargeable Battery:** Built-in lithium battery with Type-C charging interface. Full charge in approximately 2 hours.

Package Contents

Ensure all items are present in the package:

- 1 x Temodu Kids Digital Microscope
- 1 x USB Type-C Charging Cable (power adapter not included)
- 1 x Wide Neck Strap
- 1 x User Manual

パッケージ内容

- 1 1* 個頭微鏡
- 2 1* 本Type-C充電ケーブル
- 3 1* 本幅広ネックストラップ
- 4 1* 冊ユーザーマニュアル



Image: Package contents including the microscope, charging cable, neck strap, and user manual.

Microscope Parts Diagram



Image: Detailed diagram illustrating the components of the digital microscope, including buttons, ports, and lens.

SETUP

1. **Charge the Microscope:** Before first use, fully charge the microscope using the provided Type-C USB cable. Connect the cable to the microscope's charging port and a standard USB power adapter (not included). The charging indicator light will show charging status. Full charge takes approximately 2 hours.



Image: Type-C charging port for convenient charging.

2. **Attach the Neck Strap:** Secure the wide neck strap to the strap hole on the microscope. This helps prevent accidental drops and allows for hands-free carrying.



Image: Attaching the portable strap to prevent loss or drops.

3. **Insert TF Card (Optional):** If you plan to record videos, insert a TF memory card (up to 64GB, not included) into the TF card slot. The device can store up to 200 photos internally without a card, but video recording requires external storage.

OPERATING INSTRUCTIONS

1. **Power On/Off:** Press and hold the Power button (usually located on the side or bottom) for a few seconds to turn the microscope on or off.
2. **Adjusting Focus:** Place the microscope over the object you wish to observe. Rotate the focus tube (or focus wheel) to achieve a clear image on the 2.0-inch screen. The microscope has a fixed focus for ultra-macro observation.
3. **Adjusting LED Brightness:** Use the Light Adjustment button (often marked with a sun icon) to cycle through different brightness levels of the 8 built-in LED lights. This helps illuminate your specimen for optimal viewing.



Image: The 8 LED lights with 3 adjustable brightness levels.

4. **Taking Photos:** Once you have a clear image, press the Photo button (often marked with a camera icon) to capture a still image. Photos are saved to the internal memory or the inserted TF card.
5. **Recording Videos:** To record video, ensure a TF memory card is inserted. Press the Video button (often marked with a video camera icon or 'REC') to start recording. Press it again to stop.
6. **Viewing Captured Media:** Press the Playback button (often marked with a play icon) to review your photos and videos on the screen. Use the Up/Down buttons to navigate through your media.
7. **Zoom Function:** The microscope features 4x digital zoom. Use the designated zoom buttons (if available) to further magnify the image on the screen, up to 1000x total magnification.



Image: Visual representation of 200x to 1000x magnification levels.

8. **Computer Observation Mode:** Connect the microscope to your computer using the Type-C data cable. Open the built-in camera software on your computer (e.g., Camera app on Windows, Photo Booth on Mac) to view the live feed on a larger screen. You can capture photos and videos directly to your computer. Note: In computer mode, the microscope's physical buttons may not function, as control is handled by the computer software.



Image: PC real-time imaging support, compatible with Windows and Mac OS.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microscope body. For the lens and screen, use a specialized lens cleaning cloth and solution to avoid scratches. Do not use abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.
- **Storage:** Store the microscope in a cool, dry place away from direct sunlight and extreme temperatures. Keep it away from dust and moisture.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low battery; device frozen.	Charge the device fully. If unresponsive, use a pin to press the reset hole.

Problem	Possible Cause	Solution
Image is blurry.	Incorrect focus; dirty lens.	Rotate the focus tube until the image is clear. Clean the lens with a soft cloth.
Cannot record video.	No TF memory card inserted or card is full.	Insert a TF memory card. Ensure the card has sufficient free space.
No image on computer screen.	Incorrect cable connection; software not open or selected.	Ensure Type-C cable is securely connected. Open your computer's camera application and select the microscope as the input device.

SPECIFICATIONS

Feature	Detail
Brand	Temodu
Model Number	382
Light Source Type	LED
Color	Yellow
Maximum Magnification	1000X
Objective Lens Description	4x-1000x
Number of Items	1
Included Components	Microscope
ASIN	B0FL2JB2NC

WARRANTY AND SUPPORT

This Temodu Kids Digital Microscope comes with a **2-year warranty** from the date of purchase, covering manufacturing defects. If you encounter any issues or have questions not covered in this manual, please contact Temodu technical support. Refer to the product packaging or purchase platform for specific contact details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question