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PalliPartners 43XWJ-33

PalliPartners LCD Digital Microscope 43XWJ-33 User Manual

Model: 43XWJ-33

Brand: PalliPartners

INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your PalliPartners LCD Digital Microscope 43XWJ-33. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.



The PalliPartners LCD Digital Microscope features a 4.3-inch HD screen, 10MP camera, and 1-1000X magnification for detailed observation. It includes a sturdy stand and is designed for various applications.

WHAT'S IN THE BOX

- Microscope
- Support Stand
- Data Wire (USB Cable)
- SD Card (32GB)
- Instructions Manual

SPECIFICATIONS

Feature	Value
Product Dimensions	8.3 x 7.48 x 2.75 inches
Item Weight	1.21 pounds (0.55 Kilograms)
Item Model Number	43XWJ-33

Batteries	1 A battery required (included)
Manufacturer	PalliPartners
Light Source Type	LED
Model Name	LCD Digital Microscope
Material	Plastic
Color	Bright black
Real Angle of View	1000 Degrees
Magnification Maximum	1000 x
Compatible Devices	Personal Computer

SETUP

Follow these steps to assemble and prepare your microscope for use.

This video demonstrates the assembly and initial setup of the PalliPartners LCD Digital Microscope, including attaching the screen to the stand and adjusting its position.

4.3" IPS

HD DISPLAY SCREEN



Screen
4.3 inch

HD Image
IPS Screen

HD Quality
1080P

The image displays the main components of the microscope: the 4.3-inch LCD screen with integrated camera, the adjustable stand, and the base plate. The screen is shown detached from the stand, highlighting its modular design.

CONVENIENT AND THOUGHTFUL DETAILS



Adjustable
Stand up to 5.9"/15cm



8 LED Lights



Screen Rotatable
90°-135°



Lithium Battery
for Portable Use

The assembled microscope is shown with the screen tilted for comfortable viewing. The adjustable arm allows for precise positioning of the camera over the observation area.

Assembly Instructions

1. Insert the metal pole into the base and secure it with the tightening knob.
2. Attach the microscope unit (containing the screen and lens) to the adjustable arm.
3. Tighten the knob on the adjustable arm to hold the microscope unit in place.
4. Ensure all connections are secure before proceeding.

OPERATING INSTRUCTIONS

Powering On/Off

To power on the microscope, press and hold the power button located on the back of the screen. To power

off, press and hold the power button again.

Adjusting Magnification and Focus

The microscope offers 50X to 1000X digital magnification. Adjust the object's distance from the lens using the vertical adjustment knob on the stand. Fine-tune the focus by rotating the focusing wheel on the lens barrel until a clear image appears on the 4.3-inch HD screen.



This image highlights the focusing wheel on the microscope's lens, which is used to achieve a sharp image of the specimen on the screen.

Adjusting LED Lights

The microscope features 8 adjustable LED lights. Use the slider switch on the side of the screen to control the brightness, from dim to bright, to ensure optimal illumination for your specimen.

CONNECTABLE TO **PC/LAPTOP**

Real-time and Lag-free Viewing



The image shows the underside of the microscope lens, revealing the arrangement of 8 LED lights designed to provide even and adjustable illumination for various observation conditions.

Capturing Images and Videos

The microscope is equipped with a 10MP camera and video recorder. Insert the included 32GB microSD card into the designated slot on the side of the screen. Use the mode button to switch between photo and video modes. Press the OK button to capture an image or start/stop video recording.

Effortless Control Expanded Storage



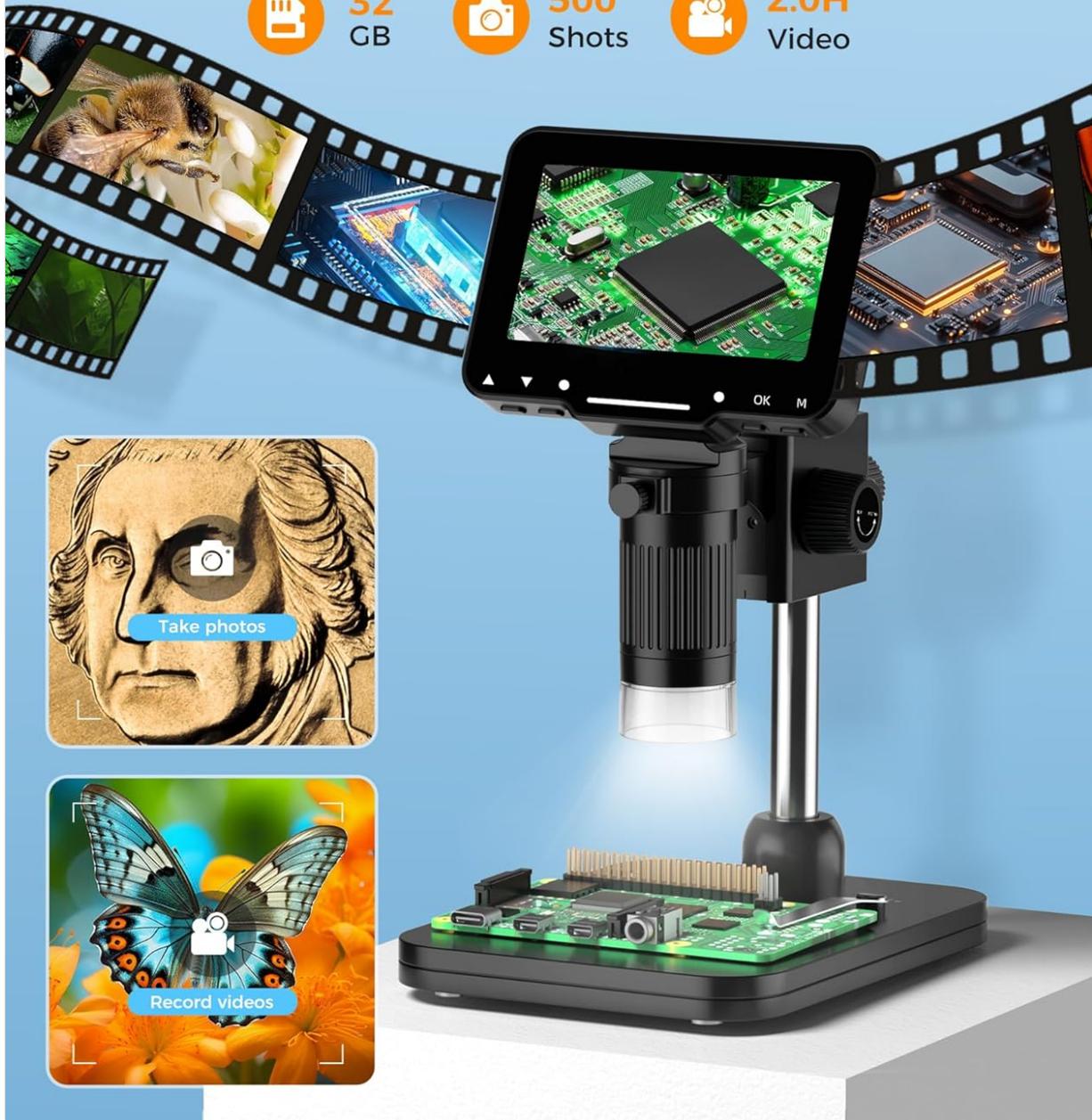
32
GB



500
Shots



2.0H
Video



This image focuses on the side of the microscope screen, clearly showing the slot for inserting the microSD card for storing captured images and videos.

Connecting to a PC

For a larger viewing experience, connect the microscope to a personal computer using the provided USB cable. The device is compatible with both Mac and Windows operating systems.



Multifunctional Application



Small Animals



PCB Repair



Jewelry



Textiles

The microscope is shown connected to a laptop via a USB cable, demonstrating its capability to display the magnified view on a larger computer screen for enhanced observation and analysis.

MAINTENANCE

Cleaning

Gently wipe the lens and screen with a soft, lint-free cloth. Avoid using abrasive cleaners or solvents that could damage the surfaces.

Storage

Store the microscope in a dry, dust-free environment when not in use. Keep it away from direct sunlight and extreme temperatures.

Battery Care

Recharge the built-in lithium battery regularly to maintain its lifespan. Avoid fully discharging the battery for extended periods.

TROUBLESHOOTING

No Image on Screen

- Ensure the microscope is powered on.
- Check the focus adjustment.
- Verify the LED lights are on and adjusted to an appropriate brightness.

Blurry Image

- Adjust the focus wheel on the lens barrel.
- Adjust the height of the microscope unit on the stand.
- Ensure the specimen is properly illuminated by adjusting the LED lights.

Device Not Connecting to PC

- Ensure the USB cable is securely connected to both the microscope and the PC.
- Try a different USB port on your computer.
- Restart both the microscope and the PC.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the PalliPartners official website.