

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [STPCTOU](#) /

› [STPCTOU Wireless Digital Microscope 50X-1000X 1080P User Manual](#)

STPCTOU PF018005

STPCTOU Wireless Digital Microscope User Manual

Model: PF018005

1. INTRODUCTION

The STPCTOU Wireless Digital Microscope is a versatile imaging tool featuring a 2MP camera and 50X-1000X magnification. It provides a clear view of object details, allowing users to capture high-resolution pictures and record videos. This portable device is designed for various applications, including educational exploration, industrial inspection, and detailed observation of small objects. It offers connectivity options for smartphones, tablets, and personal computers.

APPLICATION DETECTION



Spider



Butterfly



Fabric



Leaf



Insects



Bee



Show kids the Micro World



Scientific and experimental observations



Also can use with PC via cable

Figure 1: The STPCTOU Wireless Digital Microscope mounted on its adjustable stand, ready for use.

2. WHAT'S IN THE BOX

Upon unboxing, verify that all the following components are included:

- 1x Wireless Digital Microscope
- 1x USB Cable
- 1x Metal Stand
- 1x Plastic Base
- 1x User Manual

Your browser does not support the video tag.

Video 1: An instructional video demonstrating the contents of the product package and initial setup steps for the wireless digital microscope.

3. SETUP & INSTALLATION

3.1. WiFi Connection for Android and iOS Devices

1. Download the "Max-see" application from the Google Play Store (for Android) or the Apple App Store (for iOS).
2. Long press the power button on the microscope to turn it on. The blue light will flash, indicating it is ready for connection.
3. On your smartphone or tablet, go to your WiFi settings and connect to the WiFi network named "Max-see" (no password is required).
4. Open the "Max-see" app. The microscope's live feed should now be visible, allowing for easy operation.



Figure 2: Visual guide detailing the connection process for mobile devices using the Max-see app and for computers via USB.

3.2. USB Connection for Computers

1. For Windows 10: Plug the microscope directly into a USB port. Search for and open the “Camera” application in Windows to find the device.
2. For Windows 7/8: Download and install the “Amcap” software to enable connection.
3. For MacBook: Use the pre-installed “Photo Booth” or “Quick Time Player” software.
4. **Important Note for Windows Users:** Disable the default laptop camera in Windows settings. Adjust your privacy settings to permit camera access for the microscope.



Figure 3: The digital microscope connected to a computer, showing a magnified view of a leaf on the screen.

4. OPERATING INSTRUCTIONS

4.1. Magnification Adjustment

The microscope offers a magnification range of 50X to 1000X. Adjust the magnification by rotating the silver focus wheel located on the microscope body. Turn the wheel to achieve the desired level of zoom and clarity for your observation.

4.2. LED Light Adjustment

The microscope is equipped with 8 adjustable LED lights. Use the LED brightness control wheel on the side of

the microscope to increase or decrease the illumination. Proper lighting is crucial for obtaining clear and detailed images.



Figure 4: Detail of the microscope's 8 adjustable LED lights and the brightness control. The image also highlights the device's compact and portable design.

4.3. Using the Stand

The included metal stand provides stability for precise observations. Place the microscope securely in the bracket of the stand. The stand allows for hands-free operation and helps maintain a steady focus, especially at higher magnifications.

5. APPLICATIONS

This digital microscope is suitable for a wide range of applications, making it a valuable tool for various users:

- **Educational Research:** Ideal for students and educators to explore the micro world, observe plants, minerals, and insects.
- **Industrial Inspection:** Useful for examining circuit boards, textiles, and other materials for quality control.
- **Scientific Communication:** Facilitates sharing magnified views in classroom settings or presentations.
- **Jewelry Inspection:** Allows for detailed examination of gemstones, coins, and other collectibles.
- **Hobbyist Use:** Perfect for curious individuals, collectors, and electronics repair enthusiasts to explore

intricate details.



Figure 5: Examples of diverse applications for the STPCTOU Wireless Digital Microscope across various fields.

Your browser does not support the video tag.

Video 2: A demonstration highlighting the use of the STPCTOU Wireless Digital Microscope in educational settings for both teachers and students.

6. TROUBLESHOOTING

- **No Image on Screen:** Ensure the microscope is powered on (blue light flashing for WiFi, connected via USB for PC). Verify correct app/software is open and selected the microscope as the camera source. Check WiFi connection to