

APEXEL F002-B

APEXEL F002-B Universal Telescope Phone Adapter

Instruction Manual

1. INTRODUCTION

Thank you for choosing the APEXEL F002-B Universal Telescope Phone Adapter. This adapter is designed to connect your smartphone to various optical instruments, allowing you to capture photos and videos through their eyepieces. Its robust design ensures stability and compatibility with a wide range of devices.

The adapter features a revolutionary fixing method with a one-piece slide rail and stretch clip design for quick installation. It is compatible with almost all smartphones and optical instruments with eyepiece diameters ranging from 23mm to 50mm (0.9" to 2").

2. PACKAGE CONTENTS

- APEXEL F002-B Universal Telescope Phone Adapter
- Bluetooth Shutter Remote
- EVA Spacers (for smaller eyepieces or phones with raised cameras)
- Instruction Manual

3. SETUP INSTRUCTIONS

Follow these steps to set up your APEXEL F002-B adapter:

1. **Attach the Phone to the Adapter:**

Gently attach the stretch clip of the adapter to your smartphone. Ensure the phone is securely held by the soft silicone clips, which are designed to protect your phone and avoid pressing side buttons.

2. **Align the Phone Camera:**

Adjust the slider on the adapter to align the circular hole in the middle of the adapter's metal plate with your phone's main camera lens. You can slightly move the clip up, down, left, and right for optimal center point alignment. If your phone has a raised camera, use the provided EVA pads to stick on the clip inner for better fit and protection.

3. **Connect to Optical Instrument:**

Press and hold the left and right sides of the eyepiece clip at the same time to open the clip. Carefully snap the adapter onto the eyepiece of your telescope, binocular, monocular, microscope, or spotting scope. The eyepiece clip can hold widths from 23mm to 50mm.

4. **Bluetooth Shutter Remote Pairing:**

Open your phone's "Settings" and turn on Bluetooth. Find "AB Shutter" in the list of available devices and click to pair. This allows for remote photo capture, reducing camera shake.



Image: Visual guide for the 3-step installation process, showing phone attachment, camera alignment, and eyepiece connection.

Video: Detailed instruction on how to install and use the APEXEL Telescope Phone Adapter.

Video: Quick guide demonstrating the easy installation of the APEXEL Telescope Phone Adapter.

Video: Tutorial on how to properly use the EVA spacers for optimal phone camera alignment and protection.

4. OPERATING INSTRUCTIONS

Once the adapter is securely attached to your phone and optical instrument:

1. Open your phone's camera application.

2. Adjust the focus of your optical instrument until the image is clear on your phone screen.
3. Use your phone's digital zoom function to eliminate any vignetting (dark edges) and achieve a full-screen image.
4. Use the Bluetooth shutter remote to capture photos or start/stop video recording without touching your phone, minimizing vibrations.



Image: The innovative sliding rail design of the adapter, highlighting its compatibility with various smartphone sizes (2.6" to 3.7" clamping size) and stepped soft silicone protection.



Image: The APEXEL adapter attached to a pair of binoculars, with a smartphone displaying the magnified view.



Image: The APEXEL adapter attached to a telescope, showing a smartphone capturing an image of the moon.



Image: The APEXEL adapter attached to a microscope, with a smartphone displaying a magnified view of a specimen.

5. MAINTENANCE

- Keep the adapter clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the adapter to extreme temperatures or direct sunlight for prolonged periods.
- Store the adapter in a protective case when not in use to prevent scratches or damage.

6. TROUBLESHOOTING

- **Image is not clear:** Ensure your optical instrument is properly focused. Adjust the focus knob on your telescope/binocular until the image is sharp on your phone screen.
- **Vignetting (dark edges) in the image:** Use your phone's digital zoom function to zoom in until the dark edges disappear and the image fills the screen.
- **Phone is not stable in the clip:** Ensure the phone is centered and the clips are fully extended. If your phone has a raised camera, use the provided EVA pads to create a more secure fit.
- **Adapter does not fit the eyepiece:** The eyepiece clip is adjustable from 23mm to 50mm. Ensure your optical instrument's eyepiece falls within this range. If the eyepiece is smaller, use the EVA spacers to reduce the inner diameter of the clip.
- **Bluetooth remote not connecting:** Check if the remote's battery is charged and if Bluetooth is enabled on your phone. Try re-pairing the remote in your phone's Bluetooth settings.

7. SPECIFICATIONS

Feature	Specification
Model Name	F002-B
Brand	APEXEL

Product Dimensions	4.7 x 2.6 x 1.7 inches
Item Weight	5.3 ounces (150 Grams)
Compatible Devices	Smartphones (iPhone, Samsung, Google, Huawei, OnePlus, etc.)
Eyepiece Diameter Range	23mm to 50mm (0.9" to 2")
Material	Durable metal frame and polymer body
Features	One-piece slide rail, stretch clip design, soft silicone clip, non-slip thread eyepiece clamp, includes Bluetooth shutter remote and EVA spacers.

8. WARRANTY INFORMATION

APEXEL products are covered by a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. For specific warranty duration and terms, refer to the product packaging or contact APEXEL customer support.

9. SUPPORT

For further assistance, technical support, or inquiries, please visit the official APEXEL website or contact their customer service team. You can also refer to the product page on Amazon for additional resources and FAQs.

APEXEL Store: [Visit the APEXEL Store on Amazon](#)