

[Manuals.plus](#) /

› [Tiakia](#) /

› Tiakia Bicycle Phone Holder 2022 - Instruction Manual

Tiakia Bicycle Phone Holder

Tiakia Bicycle Phone Holder 2022 - Instruction Manual

Model: Bicycle Phone Holder

1. INTRODUCTION

Welcome to the instruction manual for your new Tiakia Bicycle Phone Holder. This manual provides detailed information on how to properly install, operate, and maintain your phone holder to ensure a secure and reliable experience while cycling or riding your motorcycle. Please read this manual thoroughly before use.

2. PRODUCT OVERVIEW

The Tiakia Bicycle Phone Holder is designed to securely mount your smartphone on bicycle, mountain bike, road bike, downhill bike, motorcycle, or electric bike handlebars. Constructed from durable aviation-grade aluminum alloy, it features a robust 6-claw design for superior stability and a quick-release mechanism for easy phone access. Its versatile design accommodates a wide range of smartphone sizes and handlebar diameters.



Figure 2.1: Main view of the Tiakia Bicycle Phone Holder.

3. KEY FEATURES

- **Enhanced 6-Claw Design:** Features an upgraded 6-arm telescopic structure for superior stability and protection, ensuring your phone remains secure even on rough terrain.
- **Premium Aviation Aluminum Alloy:** Manufactured from 6063 aviation-grade aluminum alloy with CNC machining and stainless steel fittings, providing exceptional strength, durability, and resistance to vibration and discoloration.
- **Exquisite Details & Protection:** Telescopic arms secure the phone's sides, while an adjustable bottom arm prevents blocking side buttons and cameras. All 6 corners are equipped with silicone pads to prevent scratching your phone's screen.
- **1-Second Quick Release:** Features a quick-release button on the right side, allowing for phone installation or removal in just 1 second, significantly saving time compared to traditional holders.

- **360° Rotatable Viewing Angle:** Equipped with a metal pivot mechanism and spherical gimbal, allowing for free 360-degree rotation to adjust your viewing angle as needed.
- **Wide Compatibility:** Suitable for smartphones ranging from 4.5 to 7 inches, with a width of 62-90 mm and thickness less than 14 mm. Includes rubber shims to fit handlebar diameters from 22.2 to 35 mm.



Innovatively Designed by Tiakia



U-Shaped 6-Hook structure

Will not block the camera and buttons

**One-Handed Operation
Only Takes 1 Second**



Suitable for Phone Size

Width: 62-90mm

Thickness: <14mm



Suitable for Handlebar Size

Diameter: 22.2 / 25.4 / 28.6 / 31.8 / 35 mm



Improved Eccentric Cam Clamping Mechanism

The structure is *simpler*, the clamping is *firmer* and *reliable*, it's *easier* and *faster* to use.



6063-T6 Aluminum Alloy

More sturdy and durable



PA66 Nylon + Glass Fiber Mixed Material

Better strength and toughness, with shock absorption effect.



No Noise

No noise when vibrating.



Better Compatibility

Suitable for phones and handlebars of more specifications.

Figure 3.1: Overview of key features including phone and handlebar compatibility.



More Firm and Reliable

Even if it shakes violently, the phone will not fall off.

Fixed hook-shaped baffle

Active hook-shaped baffle

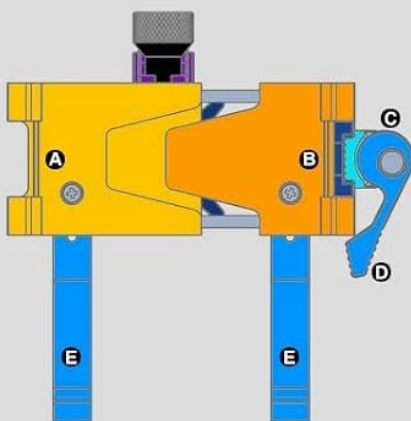
Eccentric cam

Cam handle

Bottom support hook



**Serrated Meshing
Anti-Loose design**



More reliable clamping method

When the **cam handle[®]** rotates to the "locked" position, the **cam[®]** will compress the **active hook-shaped baffle[®]** under the principle of leverage (the width between baffle **A** and **B** will be **reduced by 4mm**), so that the phone can be clamped very firmly. At the same time, **the bottom support hook[®]** hold the bottom of the phone.

Even when cycling in very bad road conditions or under strong vibration, the phone will not loosen.

Figure 3.2: Illustration of the firm and reliable clamping method.

4. PACKAGE CONTENTS

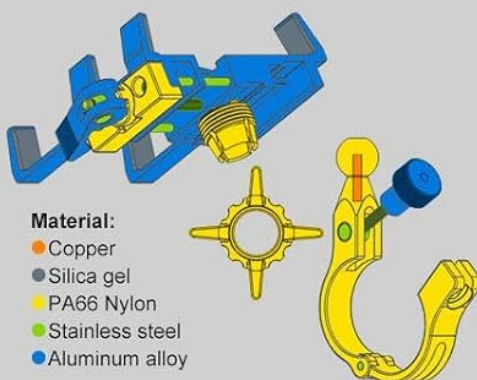
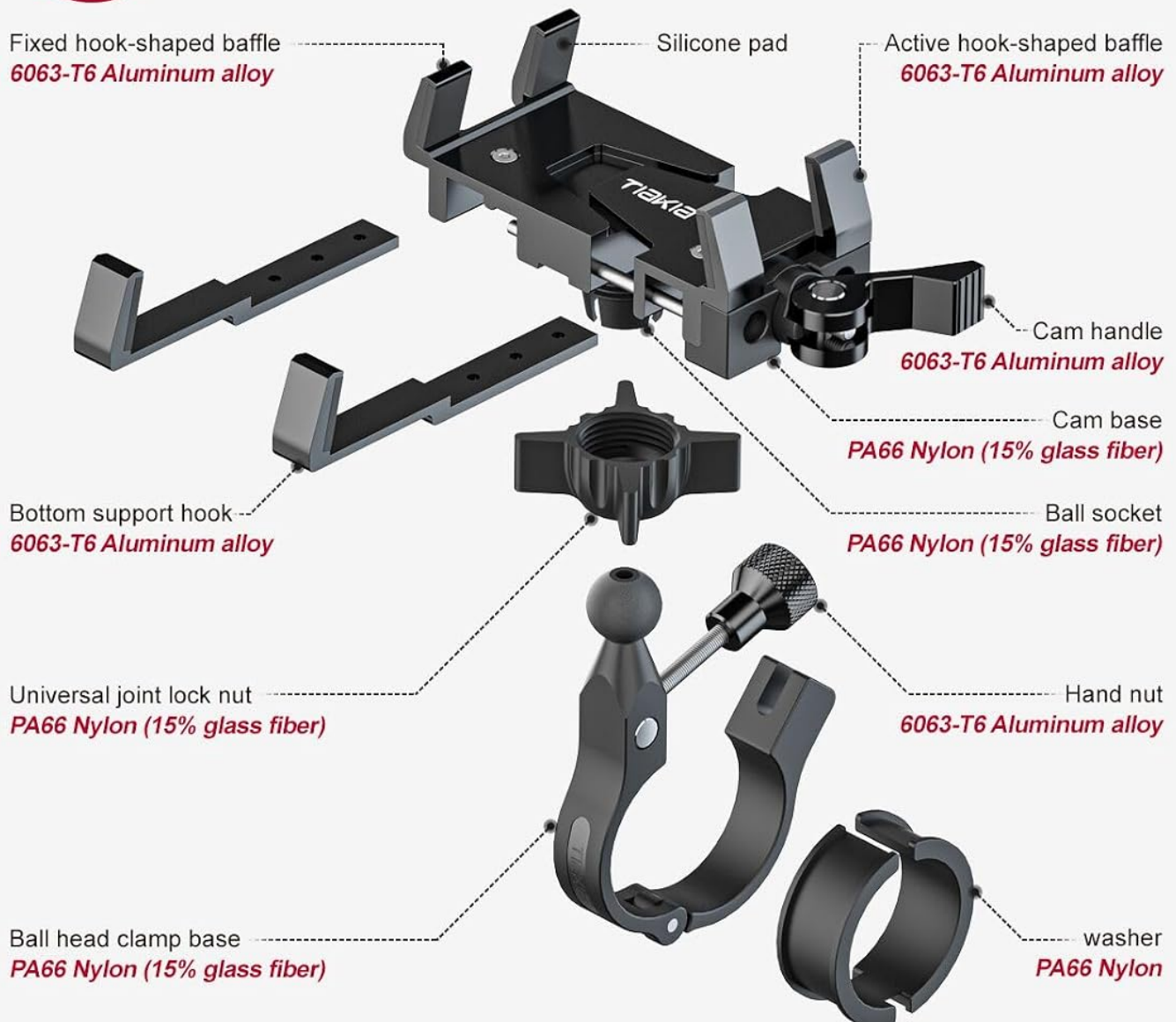
Please verify that all components are present in your package:

- Tiakia Bicycle Phone Holder (Main Unit)
- Handlebar Mounting Clamp
- Rubber Shims/Spacers (for various handlebar diameters: 22.2mm, 25.4mm, 28.6mm, 31.8mm, 35mm)
- Hex Key (for assembly, if required)
- Instruction Manual (this document)



Better Materials & More Durable

Let you have higher quality products.



We use better materials

1. 6063-T6 Aluminum alloy

The main part of the holder is made of aluminum alloy and processed by CNC; which is sturdy and durable.

2. PA66 Nylon (15% glass fiber)

It has good mechanical strength and toughness (*shock absorption*), and also has good aging resistance (*don't worry about ultraviolet rays*).

It is much better than ABS plastic material.

Figure 4.1: Exploded view showing various components and materials used in the phone holder.

5. SETUP AND INSTALLATION

1. **Choose Handlebar Location:** Select a suitable, clear spot on your bicycle or motorcycle handlebar for mounting

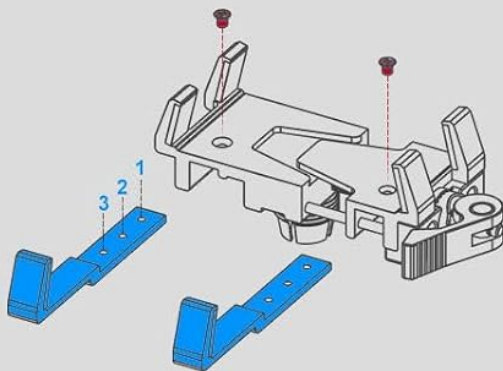
the holder.

2. **Select Appropriate Shim:** Identify the correct rubber shim from the provided set that matches your handlebar's diameter (22.2mm, 25.4mm, 28.6mm, 31.8mm, 35mm). Place the shim around the handlebar at the chosen location.
3. **Attach Mounting Clamp:** Open the handlebar mounting clamp and place it around the shim and handlebar. Securely tighten the screw(s) using the provided hex key until the clamp is firm and does not rotate freely. Do not overtighten.
4. **Adjust Phone Holder Angle:** The phone holder unit is attached to the clamp via a spherical joint. Loosen the hand nut on the joint, adjust the phone holder to your desired viewing angle, and then tighten the hand nut firmly to secure the position.
5. **Adjust Bottom Support Hook Length:** The bottom support hook has three screw holes for length adjustment. Choose the appropriate hole to ensure the hook supports your phone without blocking its charging port or bottom buttons.



Better Compatibility

Suitable for phones and handlebars of more specifications.



Length can be adjusted in 3 stages

There are 3 screw holes on the bottom support hook, and the screws on the panel of the holder can be fixed to different screw holes to adjust the length of the bottom support hook.

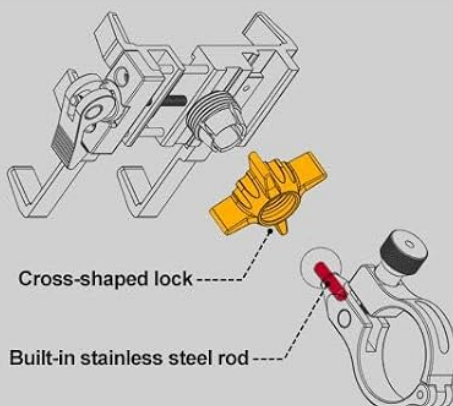
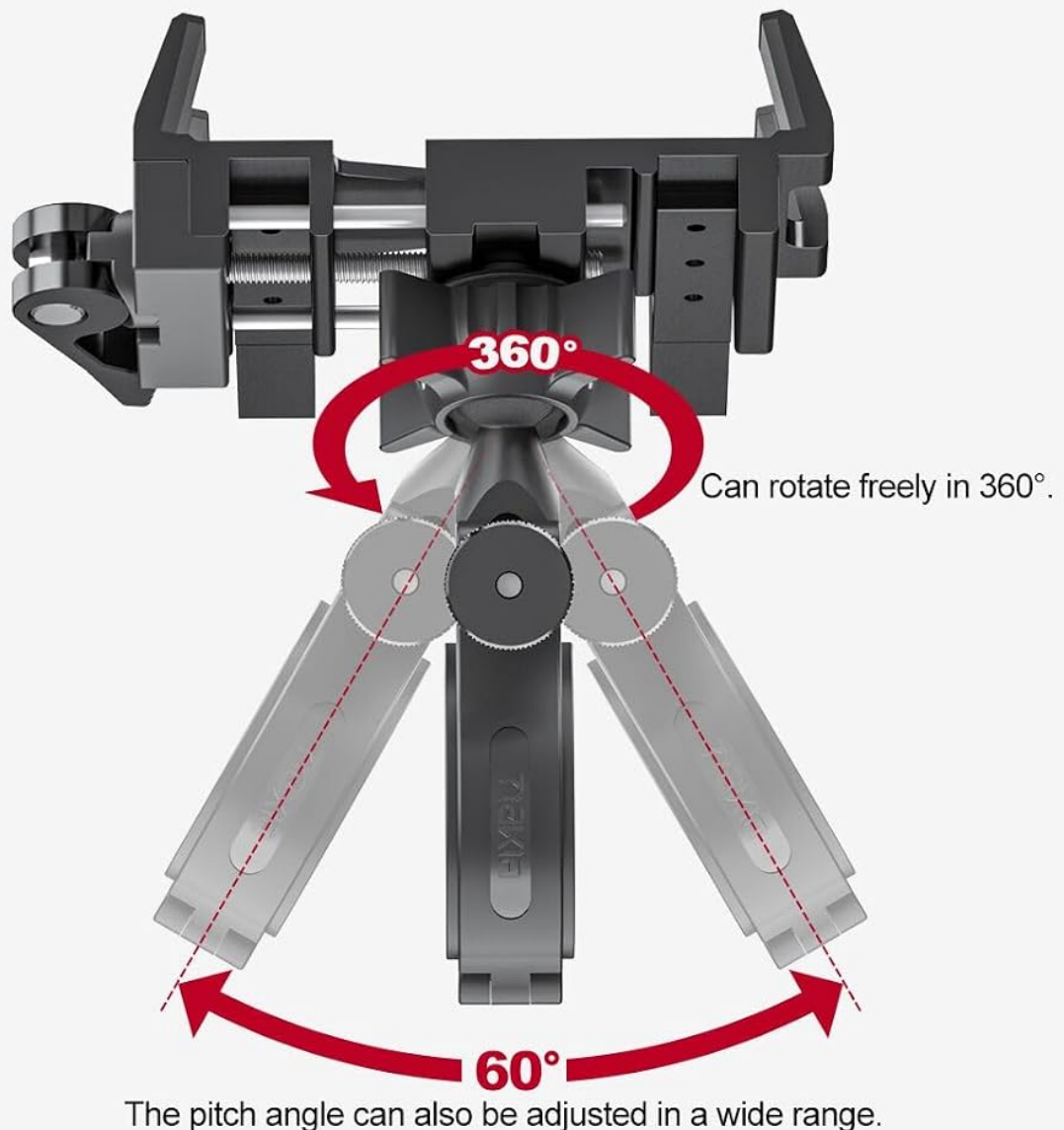
For phones of different sizes, the buttons on the side can be effectively avoided.

Figure 5.1: Handlebar compatibility and different shim sizes.



Flexible Rotation Adjustment

Let you have a more comfortable viewing angle.



Stronger universal joint structure

1. Anti-breaking ball head

There is a stainless steel rod inside the ball head, which can effectively prevent the ball head from breaking.

2. Cross-shaped lock nut

Which is more convenient to use and easy to lock the universal ball to keep the phone holder at a fixed angle.

The reliability is much higher than similar products.

Figure 5.2: Flexible rotation adjustment for optimal viewing.

6. OPERATING INSTRUCTIONS

1. Inserting Your Phone:

- Ensure the quick-release cam handle is in the 'Release' position.
- Gently place your smartphone into the holder, ensuring it rests on the bottom support hook.
- Adjust the width of the holder by rotating the knob on the side until the side arms firmly grip your phone.
- Once the phone is positioned, rotate the cam handle to the 'Lock' position. This will compress the active hook-shaped baffle, securely clamping your phone.

2. Removing Your Phone:

- Simply rotate the cam handle to the 'Release' position. The holder will expand, allowing you to easily remove your phone.

3. Adjusting Viewing Angle:

- Loosen the hand nut on the spherical joint.
- Rotate the phone holder 360 degrees or adjust its pitch angle to your preferred viewing orientation.
- Tighten the hand nut firmly to lock the angle in place.



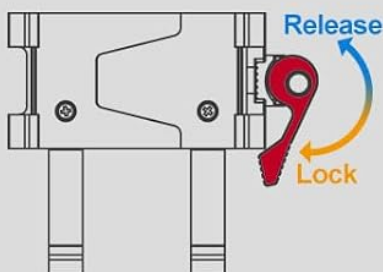
Easier and Faster to Use

Lock or release, one-handed operation, only takes 1 second.

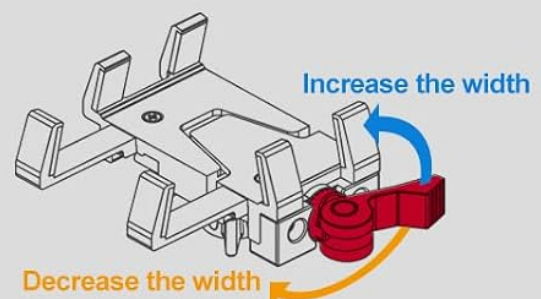


Bracket panel vertical base pressed into ball head, not tilted

Cam handle with 2-in-1 function



Function 1: Lock or release the phone.



Function 2: Adjust the width of the holder.

Figure 6.1: Quick lock and release operation.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Tiakia Bicycle Phone Holder, follow these simple maintenance

guidelines:

- **Cleaning:** Wipe the holder regularly with a soft, damp cloth to remove dust and dirt. Avoid using harsh chemicals or abrasive cleaners, as they may damage the aluminum alloy or silicone pads.
- **Inspection:** Periodically check all screws and connections to ensure they are tight. If any part feels loose, gently tighten it. Inspect the silicone pads for wear and tear.
- **Storage:** When not in use for extended periods, store the phone holder in a clean, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter any issues with your Tiakia Bicycle Phone Holder, please refer to the following common solutions:

Problem	Possible Cause	Solution
Phone is not held securely.	Width not adjusted correctly; cam handle not fully locked; phone too thick/thin.	Ensure the width adjustment knob is tightened and the cam handle is fully in the 'Lock' position. Verify your phone's dimensions are within the specified compatibility range (62-90mm width, <14mm thickness).
Holder rotates on handlebar.	Mounting clamp not tight enough; incorrect shim used.	Ensure the mounting clamp screws are securely tightened. Verify you are using the correct rubber shim for your handlebar diameter.
Difficulty inserting/removing phone.	Cam handle not in 'Release' position; width adjustment too tight.	Ensure the cam handle is fully in the 'Release' position. Loosen the width adjustment knob slightly before inserting or removing the phone.

If the problem persists, please contact Tiakia customer support for further assistance.

9. SPECIFICATIONS

Attribute	Detail
Brand	Tiakia
Color	Black
Compatible Devices	Smartphones
Compatible Phone Models	4.5 - 7 inch smartphones (e.g., Samsung Galaxy S3 and similar sized phones)
Phone Width Compatibility	62 - 90 mm
Phone Thickness Compatibility	< 14 mm
Mounting Type	Handlebar
Handlebar Diameter Compatibility	22.2 - 35 mm
Special Feature	360° Rotatable
Material	6063-T6 Aviation Aluminum Alloy, PA66 Nylon (15% glass fiber), Silicone

Attribute	Detail
Item Dimensions (L x W x H)	15 x 10.5 x 6.6 cm
Weight Limit	300 Grams
Water Resistance Level	Waterproof

10. WARRANTY AND SUPPORT

Tiakia stands behind the quality of its products. For information regarding warranty coverage, returns, or technical support, please refer to the product packaging or contact your point of purchase. You may also visit the official Tiakia website for the most up-to-date support information.

For direct assistance, please contact the seller or manufacturer through the platform where you purchased the product.

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

Open the live page

<https://manuals.plus/asin/B09NRFF51W>

More documents and user manuals: <https://manuals.plus/>