

User Manual for HOROX Telescope

Thank you for choosing our product ! To ensure that you operate and use the product correctly, here is a detailed guide for assembly and usage:

1.Component Introduction:



①**Tripod**:The supporting stand that provides stability for the telescope.

②**Telescope** : The primary optical component of the telescope.

③④**5 X 24 Finderscope & Bracket**: A small telescope used for auxiliary object locating.

⑤⑥**9mm &20mm Eyepiece**: Eyepieces with a magnification of 20x-44x to increase the field of view

⑦**Diagonal**: It allows you to watch more comfortably without contorting your body or neck.

⑧**Phone adapter**: Allows you to record beautiful moments in time.

⑨**Backpack**: All accessories can be packed into the backpack, which makes it more convenient for you to go out and enjoy the happy time easily.

2. Quick Assembly Guide:

Step 1 - Unfold the tripod: Adjust the height of the tripod to ensure the telescope is at a comfortable viewing position. Make sure the tripod legs are securely planted on a stable surface.



Step 2 - Mount the astronomical telescope to the tripod:

Ensure that each tripod adjustment screw is stable and securely holds the telescope in place. Pay attention to the correct orientation of the telescope during installation.



Step 3 - Installation of the finder scope: Loosen the screws on the finderscope bracket, position the larger lens towards the front of the telescope, and then tighten the screws to secure it. Next, mount the finderscope onto the astronomical telescope.



Step 4 - Installation of the eyepiece: Install the diagonal first, and then choose to install the 20mm (44x) or 9mm (20x) eyepiece based on your observation needs.



Step 5 - Installation of the Smartphone Mount: Select the appropriate hole based on the eyepiece. The 20mm eyepiece corresponds to the 20mm hole, and the 9mm eyepiece corresponds to the 9mm hole. Then, secure the eyepiece onto the smartphone mount, tightening the screw to ensure a secure connection. Finally, mount the assembly onto the astronomical telescope, and tighten the screw to secure the eyepiece and telescope.



3. Focusing Adjustment:

I .Positioning: Make sure the eyepiece, astronomical telescope and the object to be observed are on the same straight line, and the unclear moon can be initially seen through the eyepiece.



II.Adjust the focus: Gently rotate the knob to adjust the focus, making the moon more and more clear.



4. Observation Skills:

- **Choose when to observe:** observe on a clear, cloudless night for the best view.
- **Select target celestial objects:** start with bright stars, planets, nebulae, etc., and gradually explore more interesting celestial objects.
- **Pay attention to weather conditions:** Avoid observing in conditions of strong wind, rain or fog.

5. Telescope Maintenance:

- Clean the tubes and eyepieces regularly, using a soft brush or lint-free cloth to gently remove any loose dust or debris from the telescope tubes and eyepieces.
- When not in use, store binoculars and eyepieces in a clean, dry place to reduce the need for frequent cleaning.
- Avoid household cleaners: Avoid household cleaners, solvents, or abrasive materials as they can damage the coating and optical surfaces of the telescope and eyepieces.

Q&A

- Unable to see anything through the telescope, what should I do?
 - ① Make sure the lens cap is removed. Lens caps are provided to protect the lens during transport, and sometimes people forget to remove them when setting up the telescope.
 - ② If you use the telescope at night, try to shine a flashlight or the light from your smartphone in front of the lens. If you can see the light source through the eyepiece when you pan the eyepiece, it may indicate improper focus adjustment. Make sure the telescope is pointed at the object you want to observe and the focus is adjusted to the appropriate setting.
 - ③ If you have inspected and tested the telescope, but still can't see anything, please contact us in time, we will assist you to solve the problem.

We hope this user manual helps you in assembling and operating your HOROX astronomical telescope. If you have any further questions or need assistance, please feel free to contact us.
Happy Stargazing!

HOROX Team.