

APM Fork Mount

for Large Binoculars



Operation Manual

APM Fork Mount overview

The APM Fork Mount is the result of a long term development, taking attention to the user feedback. The optimized, smooth manual tracking, combined with almost no vibrations and a high load capacity are unsurpassed in the market.

Therefore, the **APM Fork Mount is the perfect choice** for your Giant Binoculars!

Field of use:

- Solid Alt-Azimuth Mount, suitable for **Astronomy** and terrestrial use with our new **APM 100mm & 120mm Giant Binoculars**

Key Features:

- Modern designed alt-azimuthal Fork mount
- Weight only 10.6 lbs. (4.8 kgs)
- Tripod attachment via 3/8" photo tripod thread
- Panning area 360°, tilting from Horizon to the Zenith
- Accessory interface w/ 2 holes and 3/8" screw
- Adjustable friction in Altitude and Azimuth

Tilting up to Zenith

Through the special fork design this mount enables you to tilt up to the zenith. So you can use it for astronomy and nature / wildlife observing.

Technical details:

The pivot bearing (base) is a solid metal construction. Thus the fork is easily removable. The separate base will easily thread onto the tripod.

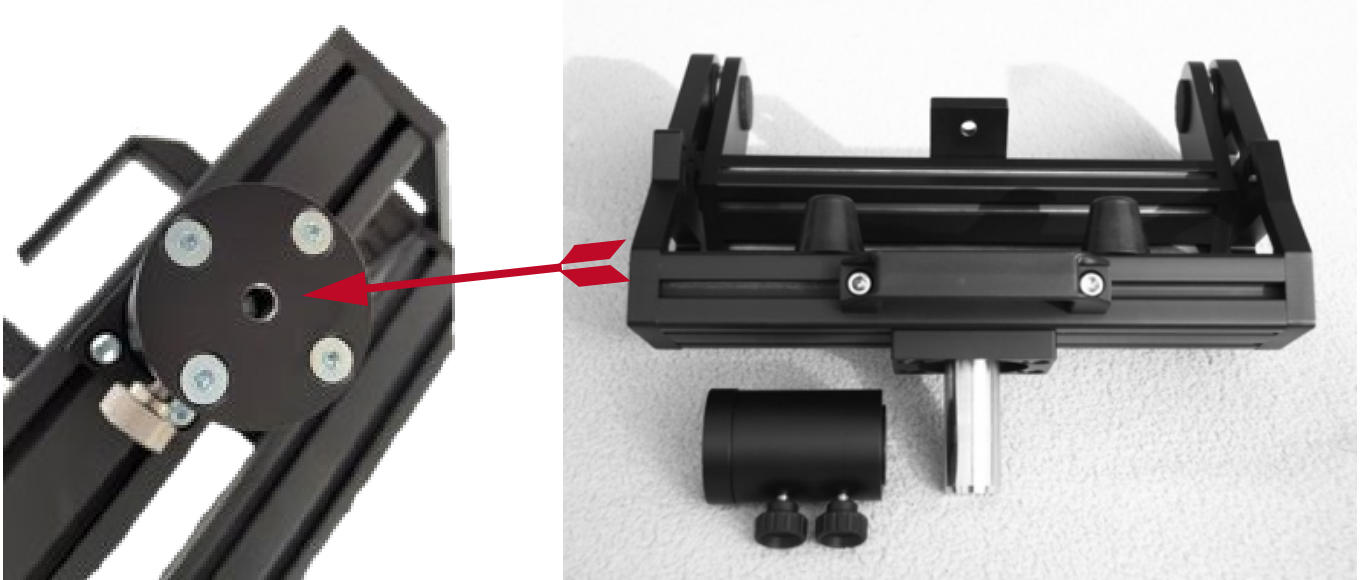
Without the Pivot bearing (base) the fork only weights less than 4.1 kgs.

The distance of the fork-arms is 28 cm inside, and 36 cm outside. This fork mount is suitable for our **100mm** and **120mm binoculars**, and the larger **28x110 binoculars**.



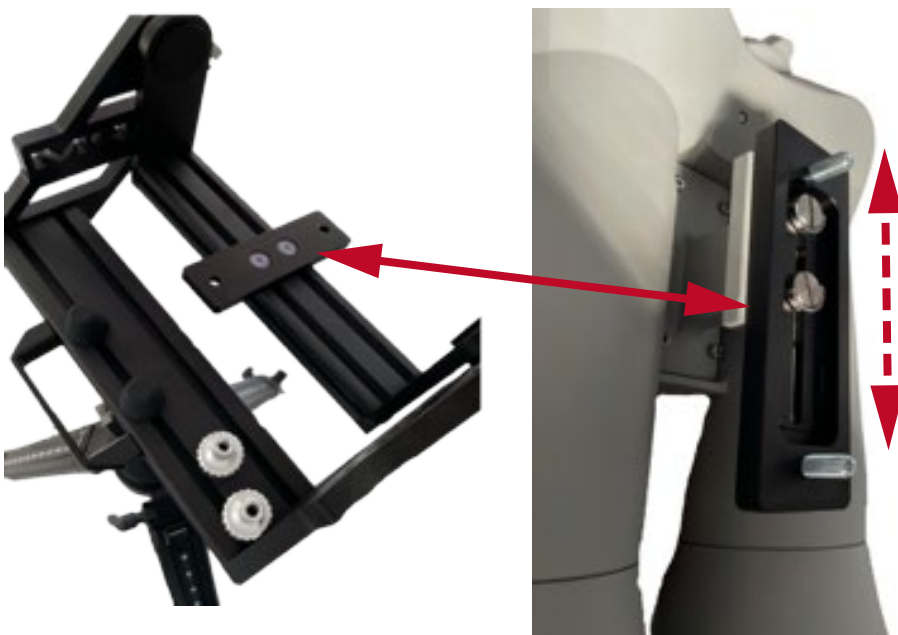
Setting up the Fork Mount

On the ground of the pivot bearing base there is an 3/8" thread.



This thread is screwed to the tripod head.

Mount the binoculars on the Fork Mount



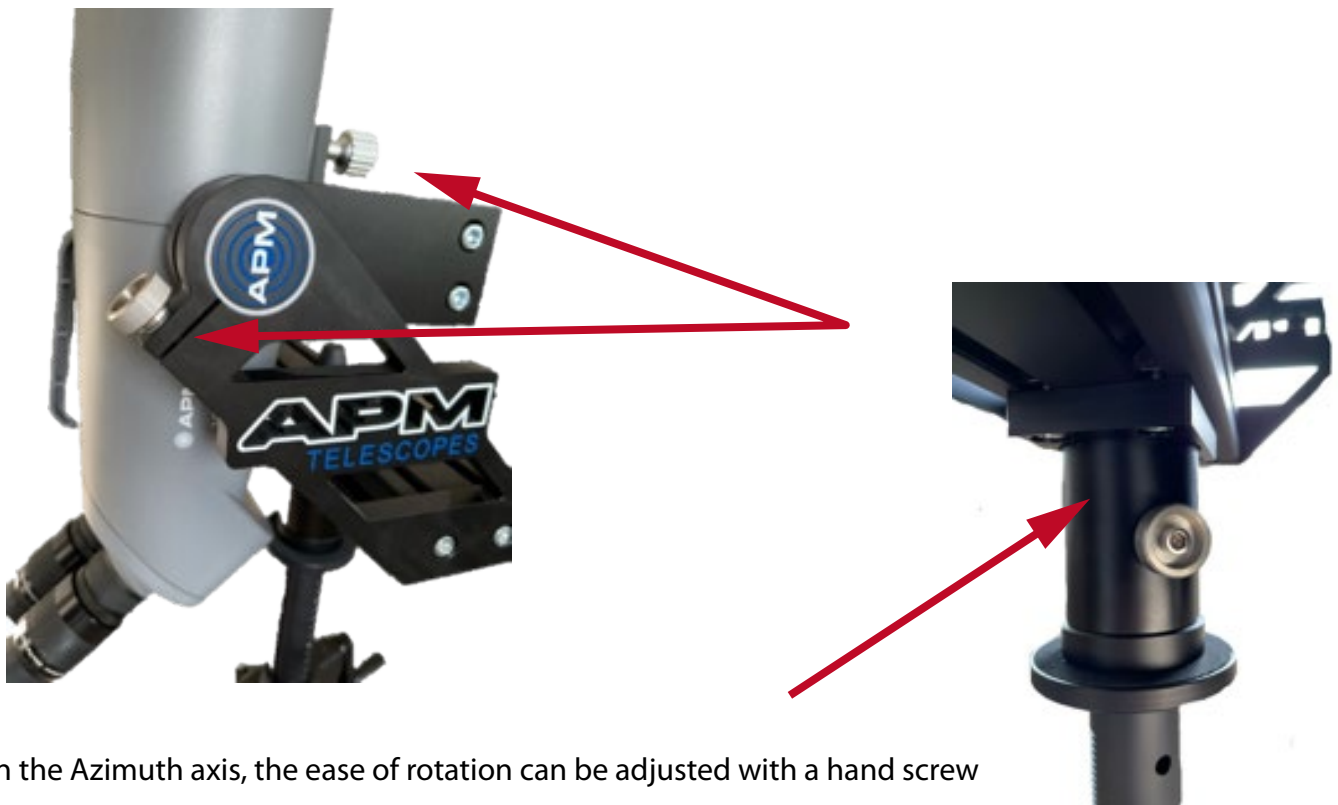
In order to mount the binoculars on the fork mount, the rail must first be screwed onto the binoculars. To do this, use the two screws as shown in the lower picture. Depending on the size and weight of the binoculars, the weight balance can be set variably by moving the mounting rail on the bottom side of the binoculars.

To connect the binoculars to the mount, insert the rail onto the appropriate rail on the fork. Then use the hand screws to fix the binoculars on the fork mount.



Balancing the Binoculars

When changing the eyepiece, there appears an unbalance of the binoculars in the longitudinal axis due to the different weights of the eyepieces. This can be counteracted by gently tightening the two Altitude friction screws located on the side of the binoculars.



In the Azimuth axis, the ease of rotation can be adjusted with a hand screw

Tripod recommendations

Berlebach Uni 19C

Since this tripod cannot be extended very high, it is ideal for those who want to watch while sitting or who want to observe nature.

For someone who likes wooden tripods, this is a good choice. However, it also has its drawbacks. The clamping for the individual legs can only be adjusted at the top of the connector. We recommend purchasing the optional triangular plate for secure bracing.



Manfrotto 161 MK2B

The Manfrotto aluminum tripod can be extended very high and is ideal for those who want to observe while standing.

With its triangular bracing between the legs, it offers maximum stability.