

Solar System Map

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My first telescope SkyWatcher

SkyWatcher N-150/750 EQ3-2 telescope

The SkyWatcher 150/750 is a reflecting telescope of the Newton system with a mirror diameter of 150 mm and a focal length of 750 mm. It allows to conduct very advanced visual observations of planets and the Moon, showing a large amount of details on the surfaces of these objects. Due to its construction, it is also recommended for observing nebular objects. Under good observational conditions, it can reveal hundreds of nebulae, galaxies and star clusters included in the Messier and NGC catalogs.

The telescope is equipped with a 2-inch focuser with a reduction of 1.25 inches, which allows the use of any spectacles made in these standards.



Figure 1: SkyWatcher N150/750 EQ3-2

Usage of SkyWatcher N150/750 EQ3-2



Figure 2: Usage

Observing planets

Rotating sky map

Necessary equipment for every sky observer. The map shows the appearance of the sky at any time every day of the year. It contains stars visible to the naked eye (up to 6.5 magnitudes) and over 150 most nebulous objects. The perimeter calendar allows to synchronize the date with the observation time, while the oval on the film overlay maps the horizon line, and the numbers - hours in Central European time.

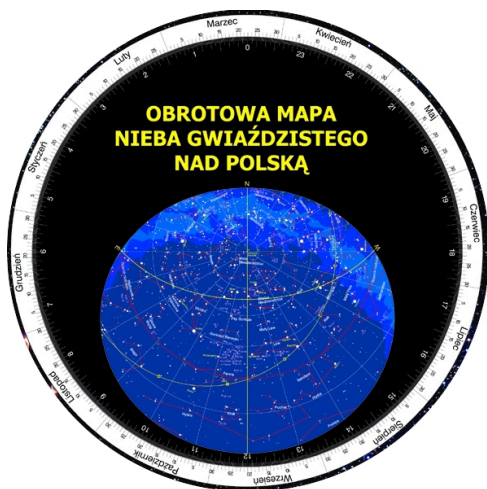


Figure 3: Rotating sky map

Links

Here you find useful links to follow

Related information

<https://astrography.com/>

Useful applications

7 OF THE BEST STARGAZING APPS

- SkyView
- Star Walk
- Star Rover
- Night Sky
- Night Sky
- Pocket Universe
- NASA app

YouTube channels

Related information

<https://www.youtube.com/c/JWAstronomy1/featured>

Explore the night sky

Whether you're spotting planets with the naked eye or finding galaxies with a telescope, there are lots of ways you can take in the wonders of the universe from the comfort of Earth.

It doesn't take much skill or equipment to get started with stargazing or amateur astronomy, and you can do it almost anywhere. Whether you use an app, binoculars, telescope, or just your eyes, there is much to discover.

Useful AstroAccessories

Best astronomy accessories

This is a guide to the best astronomy accessories available in 2021.

Astronomy accessories can turn your telescope setup from a good, solid observing station to the next level in practical astronomy.

- **Meade wide-angle eyepiece set**

These affordable eyepieces are a great buy for any beginner. Their generous 62° field of view allows you to take a better look at large night-sky objects. The set comes with a padded storage box to protect them when not in use.



Figure 4: Meade wide angle eyepiece set

- **Push-to passive tracking**

This device attaches to your telescope, allowing you to keep track of its position with a planetarium app, helping you find your way around the night sky. Currently only compatible with SkySafari.



Figure 5: Push to passive tracking

- **Sega Toys Homestar – Original Home Planetarium - white version**

Picture the sky sparkling with stars just above your head as you sit on the sofa. The Sega Toys Homestar Original Planetarium makes this dream come true. High-resolution image is created thanks to the use of a powerful and very bright 3-watt LED in the projector. The projector canopy is rotatable, so it allows you to recreate the image of the sky across the night and year. The set includes two removable solid star disks of the northern hemisphere, allowing for viewing the stars or the constellation map, depending on the needs and wishes of the user.



Figure 6: Original Home Planetarium

When, where and how to see the planets in 2021

Finding and observing the planets of the Solar System in the night sky isn't as tricky as you think. You just need to know where to look.