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The Levenhuk SkyMatic 127 GT MAK telescope is a combination of a great optical tube in the compact Maksutow system with a computerized GOTO SynScan AZ head and a height-adjustable steel field stand. Perfect for a balcony and for weekend trips. The telescope works as a short balcony planetary spotter, providing very high contrast when observing bright and compact objects (Moon, planets, bright clusters and galaxies), because it is practically free of chromatic aberration and is not sensitive to atmospheric instability. In addition, it is a good choice for those who are looking for a very portable telescope with a lot of observation possibilities, one that will be a companion for many trips to the dark, rural sky, while occupying very little space in the trunk of the car. The Maksutowa-Cassegrain optical system is one of the most valued optical constructions, widely appreciated for its mobility, ease of use and multi-functionality. It is an excellent choice of both astronomical observations, as well as earth observations and aircraft observations. Excellent optics provide an extremely sharp image throughout the field of view. The telescope consists of the meniscus correction board, the main mirror and the secondary mirror placed on the inner part of the meniscus. These telescopes have a reduced coma and show only a substantial chromatic aberration, giving very sharp and expressive images. A great advantage of the Maksutov telescopes is the compact and compact design and light weight. Due to their large focal length and low light, they are perfectly suitable for planetary observations. This type of construction works well in urban environments, where the main emphasis is on solar system objects, not on nebulae. Additional advantages

- focusing Focusing is performed not through the external sliding puller, but through the micrometer screw moving the main telescope mirror. This method of focusing the image provides a very wide range of sharpness adjustment, thanks to which virtually any astronomical accessories work well with the tube, and the clearances on the extractor simply do not exist.
- T2 thread in the eyepiece extractor The eyepiece extractor is equipped with a T2 thread (M42x0.75), so that you only need a T2 ring for your camera bayonet to attach a Nikon SLR camera (Nikon One, Nikon One, Canon EOS, Sony ? / A, Sony NEX / E, Olympus E / 4/3, Micro 4/3, Pentax K). In this way, we can use the telescope to take pictures of the Moon and planets or use it as a telephoto lens of 1500 mm f / 11.8.

GOTO system The patented GOTO system allows you to control the movements of the telescope with the attached remote control and to search for interesting objects from the base numbering over 42,000 items. When the telescope searches for an object, it will follow it, i.e. keep it in view, so it remains only to enjoy the wonderful images of the celestial bodies. The stepper motor system allows you to move the telescope at different speeds, starting from the speed of the planet's rotational movement (1x) and higher. As a standard, the motor system is powered by a 12 V constant current (in the set there is a container for 8 AA batteries with 1.5V "fingers").

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Usage Moon the planet nebulae PC control scenery

Technical parameters

- Optical system: Maksutow - Cassegrain
- Lens diameter: 127 mm
- Focal length of the lens: 1500 mm
- Lighted: 1 / 11.8
- Switching capacity: 1,1'
- Theoretical range: 12.5 magnitude
- Maximum useful magnification: 250x
- Dimensions of the optical tube [cm]: 14.3 x 14.3 x 37
- Height of the tripod [cm]: 63 - 115
- Installation: azimuth, with GOTO, Synscan AZ
- Power supply: 1 A, 11-15V DC
- Alignment methods: for two stars, for the brightest star
- Weight of the optical tube: 3.3 kg
- Total weight: 12 kg (with packaging)

Equipment The set includes the following accessories:

- 1.25" focuser
- glasses (AFOV 50°, 1.25"): Super 25 mm (over 60x) and 10 mm (over 150x)
- Barlow lens 2x 1.25" with T2 thread (magnification 120x and 300x)
- lunar filter 1.25"
- 90° angled mirror connector (gives an uninverted, terrestrial image)
- optical finder 6x30
- GOTO SynScan azimuthal installation controlled by a remote control with a base of over 42,000 objects

• solid, adjustable steel rack with accessories shelf

- compass

Warranty lifetime manufacturer's warranty, 2 years shop warranty