

# How to Select an Astronomical Telescope and Mount

Style

Enjoy night-sky observation casually

Start astronomy as a hobby

For serious photography and long-time observation

Lightweight and easy-to-handle telescope for beginners. It is also recommended as a gift for children. He/she can be exposed to the mystery of the universe and view lunar craters and Saturn's rings with the supplied eyepiece.

Telescope Mount for beginners which has been highly popular since its release in 2005. The excellent functionality and very stable tripod let you enjoy a stable and comfortable observation of night sky. The optical tube can also be used with an upgraded mount.

Mount that works with go-to system. The telescope will automatically search for and track the target celestial object. The controller cable fit neatly in the mount body. A new-type stylish and compact telescope.

Standard type equatorial mount. A plenty of optional accessories like motors and polar axis scope will allow you to customize and enjoy visual observation and astro-photography according to your own astronomical interests.

Go-to telescope mount equipped with a celestial navigation system. The LCD screen that displays stellar map, planet commentaries, mythology (Japanese language only), and other useful information for enjoying a starry night sky.

High-performance equatorial mount suitable for serious astronomical observation and photography. It provides one level higher performance and sturdiness and is recommended for those who wish to enjoy astronomy for a long time.

Upgraded type of SX equatorial mount. It is a portable equatorial mount with celestial navigation system that boasts outstanding preciseness and superior sturdiness. Performance makes it perfect for long observing sessions or astro-photography.

Large equatorial mount which can support an optical tube with large aperture. Works as a portable equatorial mount if placed on a tripod or as a permanent telescope if placed on a pillar in an observation dome or facility.

Model

STAR PAL

PORTA

SKYPOD

GP2

SX

GPD2

SXD

NEW ATLUX



STAR PAL-50L



PORTA A80M1



SKYPOD VMC110L



GP2-A80M (N)



SXC-A80SS



GPD2-ED815 (N)



SXD-ED115S



NEW ATLUX NA140SSf



STAR PAL-60L



PORTA R130Sf



SKYPOD R130Sf



GP2-R200SS (N)



SXW-VC200L



GPD2-R200SS (N)



SXD-VC200L



NEW ATLUX VMC260L

Optical Tube	Optical system	Refracting	Refracting, reflecting, catadioptric	Refracting, reflecting, catadioptric	Refracting, reflecting, catadioptric	Refracting, reflecting, catadioptric	Refracting, reflecting, catadioptric	Refracting, reflecting, catadioptric	Refracting, catadioptric
	Aperture	Small aperture	Small/Middle aperture	Small/Middle aperture	Small/Middle aperture	Middle/large aperture	Middle/large aperture	Middle/large aperture	Middle/large aperture
Lens (Refracting)	Achromatic	Achromatic	Achromatic, apochromatic	Achromatic, apochromatic	Achromatic, apochromatic	Achromatic, apochromatic	Achromatic, apochromatic	Achromatic, apochromatic	Achromatic, apochromatic
Mount	Type	Altazimuth	Altazimuth	Altazimuth	Equatorial	Equatorial	Equatorial	Equatorial	Equatorial
	Motor drive	Not equipped	Not equipped	Standard	Standard/Option	Standard/Option	Standard/Option	Standard	Standard