

LOSMANDY

GM811G PRECISION EQUATORIAL MOUNT





GM8G



GM811



G11



G11T

Step up to Losmandy's modular family of Precision Equatorial Mounts. With 30+ years of proven field use and continuous improvements, Losmandy mounts are the choice of enthusiasts, serious amateurs and professionals who want great value in a mount that delivers exceptional performance. Losmandy is the only modular mount system with the versatility to mix and match axis to right-size or upgrade your mount. All Losmandy modular mounts feature the Gemini II, one of the most advanced astronomical computers available today. Gemini II includes connectivity to all of today's popular software and devices. Designed, manufactured, and performance hand-tuned in the USA.

PERFORMANCE

- ± 5 arcsecond or better uncorrected tracking (corrected PE often ± 2.5 arcsecond or better)
- Each mount individually hand-tuned at factory for optimum performance
- Instrument weight capacity:
50lbs imaging, 65lb visual
- Supports altitudes from 0° to 68°

PRECISION COMPUTERIZED GOTO AND TRACKING

- Gemini II astronomical computer, version 5
- 42,000+ object database
- Precision pointing and tracking
- Tracking rates: sidereal, king, lunar, solar, terrestrial comet, closed loop
- Intuitive touch screen hand controller with day/twilight/night modes
- Built-in wizards for polar alignment, periodic error correction, and model building
- Built-in permanent periodic error correction
- Goto with accuracy up to $\frac{1}{2}$ arcminute

CONNECTIVITY

- Mature reliable drivers for Windows, Mac, Linux including ASCOM and INDI
- USB, Ethernet, Serial (also supports SkyFi, SkyWire, WiFi, and Bluetooth adapters)



Gemini II astronomical computer connects to all the ways you work

EASE OF USE

- Verified with most modern astronomical/astroimaging systems including Maxim DL, NINA, SGP, Voyager, TheSkyX, Stellarium, Sky Safari, Cartes Du Ciel, APT, BYEOS, Nebulosity, etc.
- Variable slip clutch, both axes.
- One knob per axis design.
- Through-axis polar scope, works in northern and southern hemispheres (optional add-on)
- English, German, French & Spanish displays

MECHANICAL

- Spring-Loaded Worm for adjustment-free tracking
- Tucked-in motors for compact design
- Unique modular system enables mount upgrades one axis at a time
- Dual supported, ball bearing housed ground High Precision Brass Worm
- RA 5.625 inch diameter 360 tooth, DEC 2.812 inch diameter 180 tooth 7075 aluminum worm gears
- 1 $\frac{1}{4}$ inch diameter stainless steel weight shaft w/safety knob
- One-piece stainless steel wormblock
- Precision-machined aluminum and stainless steel, black anodized
- All stainless steel hardware

ADDITIONAL SPECIFICATIONS

- Dual-width saddle-plate fits both Losmandy "D" style and Vixen "V" style dovetail

- Equatorial head weight: 26lbs
- Designed, machined, assembled, and performance-tuned in the USA
- Power 12-18v DC



Choice of folding lightweight tripod or folding HD tripod. Includes 1x 11 lb counterweight (additional counterweights in 7, 11, 21lb options)



Additional technical info



Video tutorials