

# **Equatorial Mounts GP-Series**

### Reviews

"Adding to the GP's capability is superb tracking. I measured the tracking error from gear inaccuracies to be approximately 20 arcseconds, and most of that was a gentle drift during 3 minutes of the 10-minute rotation of the worm gear. Mounts costing double the price of the GP do well if they match that figure, let alone beat it." — **Sky & Telescope**, November 1999



The Backyard Astronomer's Guide , Revised Edition 2002, p.57



# MT-GX-3991

| Model | RA<br>Axis                     | DECL<br>Axis                   | GP Series Mounts Standard Accessories   | Mount<br>Adjustments                               | Drives                           | weight<br>w/o<br>counter-<br>weight<br>(kg/lb) | Mount<br>Max Load<br>(kg/lb) |
|-------|--------------------------------|--------------------------------|---|--|----------------------------------|--|------------------------------|
| GP E  | 144-<br>Tooth<br>Worm<br>Gears | 144-<br>Tooth<br>Worm<br>Gears | Bubble Level, Manual Slow Motion<br>Controls & 3.7kg/8.2lb. counterweight   | Alt/Az Fine<br>Adjustment Knobs,<br>Lat. to 62-deg | Optional<br>for R. A.<br>& Decl. | 4 / 8.8  | 7 / 15.4                     |
| GP D2 | 144-<br>Tooth<br>Worm<br>Gears | 144-<br>Tooth<br>Worm<br>Gears | 6x20mm 8-deg dual hemisphere Polar<br>Axis Scope w/built-in variable intensity<br>illuminator, Setting circles (R. A. x 10' /<br>Decl. x 2-deg), Bubble Level, 3.7kg/8.2lb<br>& 1.9kg/4.2lb counterweights. | Alt/Az Fine<br>Adjustment Knobs,<br>Lat. to 62-deg | Optional<br>for R. A.<br>& Decl. | 8.5 / 18.7                                     | 10 / 22.1                    |



# **GP-D2 Equatorial Mount body only**

GP-D2 mount body only. Add hand controller / motor and tripod of choice.

**GP-D2 Equatorial Mount + Ash Wood Tripod** # **MT-GX-3991-W**GP-D2 mount with a handsome set of Ash Wood legs. Great stability with the included black tripod tray, two tightening clamps per leg. Add hand controller / motor option of choice.

GP-D2 + HAL 110 + SD1 + MT-1 + Clutch # MT-GX-3991-PAK1 GP-D2 mount with motor and accessories for smooth sidereal tracking and precision guiding on the R.A. axis. Includes multi-speed SD-1 hand controller and MT-1 motor, manual clutch to disengage drive motor for quick slewing, and heavy-duty HAL 110 aluminum tripod. The HAL 110 tripod provides ample stability and has no "wobble" points in its design.

**GP-D2 + HAL 110 + DD1 + 2xMT-1 + 2xClutch# MT-GX-3991-PAK2** Like above, but with multi-speed dual axis DD-1 hand controller, dual MT-1 motors and dual clutches.

### **GP-E Equatorial Mount body only # MT-GE-3804**

Add hand controller, motors and tripod of choice.

tolerance (1-micron) of the GP worm

### **GP-E Equatorial Mount + Ash Wood Tripod # MT-GE-3804-W**

GP-E with a handsome set of Ash Wood legs. Great stability with the included black tripod tray, two tightening clamps per leg. Add hand controller / motor option of choice.

# GP-E Equatorial Mount + AL150 Tripod # MT-GE-3804-T

GP-E with aluminum tripod. Add hand controller / motor option of choice.

# **GP-E Eq + AL 150 + SD1 + MT-1 + Clutch # MT-GE-3804-PAK1**

GP-E mount comes with motor and accessories for sidereal tracking. Includes multi-speed SD-1 hand controller and MT-1 motor, manual clutch to disengage drive motor for quick slewing across the sky, and AL 150 aluminum tripod.

# **GP-E Eq + AL 150 + DD1 + 2xMT-1 + 2xClutch # MT-GE-3804-PAK2**

Like above, but with multi-speed dual axis DD-1 hand controller, dual MT-1 motors, and dual clutches.