

Feature Comparison: Paramount Series 6 vs. Paramount Classic Models

The table below lists the salient differences between the Paramount Series 6 and the classic models (MYT, MX+ and ME II).

| Feature | MYT Series 6 | MYT Classic | MX Series 6 | MX+ | ME Series 6 | ME II |
|--|--|--|--|--|--|--|
| Telescope Control System | MKS 6000 | MKS 5000 | MKS 6000 | MKS 5000 | MKS 6000 | MKS 5000 |
| Optional On-Axis Absolute Encoders | ✓ | ✗ | ✓ | ✗ | ✓ | ✓ |
| Maximum Carrying Capacity (telescope) | 70 lb. (32 kg) | 50 lb. (22 kg) | 125 lb. (56 kg) | 100 lb. (45 kg) | 240 lb. (109 kg) | 240 lb. (109 kg) |
| Total Carrying Capacity (telescope+ counterweights) | 140 lb. (64 kg) | 100 lb. (45 kg) | 250 lb. (113 kg) | 200 lb. (90 kg) | 480 lb. (218 kg) | 480 lb. (218 kg) |
| Mount Weight (no counterweight shaft) | 35 lb. (16 kg) | 34 lb. (15 kg) | 54 lb. (24 kg) | 50 lb. (23 kg) | 85 lb. (38 kg) | Est. 85 lb. (38 kg) |
| Included Software¹ | TheSky Universal Bundle ¹ | Paramount MYT Software Suite ² | TheSky Universal Bundle ¹ | Paramount MX+ Software Suite ³ | TheSky Universal Bundle ¹ | Paramount ME Software Suite ⁴ |
| Versa-Plate and Instrument Panel Ports | <ul style="list-style-type: none"> Drop-in dovetail Four dovetail locking knobs Three XT60 power connectors Pass-through Ethernet port | <ul style="list-style-type: none"> Slide-in dovetail Three dovetail locking knobs Auto-guider port Pulse focuser port 12V and 5V power out ports Two USB 2.0 ports Auxiliary power out port | <ul style="list-style-type: none"> Drop-in dovetail Four dovetail locking knobs Three XT60 power connectors Pass-through Ethernet port | <ul style="list-style-type: none"> Slide-in dovetail 3 dovetail locking knobs Auto-guider port Pulse focuser port 12V and 5V power out ports Two USB 2.0 ports Auxiliary power out port | <ul style="list-style-type: none"> Drop-in dovetail Four dovetail locking knobs Three XT60 power connectors Pass-through Ethernet port | <ul style="list-style-type: none"> Slide-in dovetail Three dovetail locking knobs Auto-guider port Pulse focuser port 12V and 5V power out ports Two USB 2.0 ports Auxiliary power out port |
| Electronics Box | <ul style="list-style-type: none"> Ethernet port USB-C port Wi-Fi antenna | <ul style="list-style-type: none"> USB Mini-B connector Optional Wi-Fi | <ul style="list-style-type: none"> Ethernet port USB-C port Wi-Fi antenna | <ul style="list-style-type: none"> USB Mini-B connector Optional Wi-Fi | <ul style="list-style-type: none"> Ethernet port USB-C port Wi-Fi antenna | <ul style="list-style-type: none"> USB Mini-B connector Optional Wi-Fi |

| Feature | MYT Series 6 | MYT Classic | MX Series 6 | MX+ | ME Series 6 | ME II |
|--|--|---|--|---|---|---|
| | <ul style="list-style-type: none"> Spring-captivated power connector | <ul style="list-style-type: none"> Threaded power barrel connector | <ul style="list-style-type: none"> Spring-captivated power connector | <ul style="list-style-type: none"> Threaded power barrel connector | <ul style="list-style-type: none"> Spring-captivated power connector | <ul style="list-style-type: none"> Threaded power barrel connector |
| Through-the-Mount Power | XT60 input to three XT60 output connectors on the Instrument Panel | 1A 5V/12V 2.1 mm port, plus a Kycon-connector through the mount power | XT60 input to three XT60 output connector on the Instrument Panel. | 1 A 5V/12V 2.1 mm port, plus a Kycon-connector through the mount power. | XT60 input to three XT60 output connector on the Instrument Panel. | 1 A 5V/12V 2.1 mm port, plus a Kycon-connector through the mount power. |
| Home Position | HA 0 Dec 0 | HA 2 Dec 0 | HA 0 Dec 0 | HA 2 Dec 0 | HA 2 Dec 0 | HA 2 Dec 0 |
| 48V DC Power Input Port Captivation | Six internal springs hold the barrel connector in place Coarse adjustment: Manually raise or lower the polar axis to the approximate latitude. | Barrel connector threads into power port Coarse adjustment: Manually raise or lower the polar axis to the approximate latitude. | Six internal springs hold the barrel connector in place Coarse adjustment: Manually raise or lower the polar axis to the approximate latitude. | Barrel connector threads into power port Rotating jacking screw | Six internal springs hold the barrel connector Rotating jacking screw | Six internal springs hold the barrel connector in place Rotating jacking screw |
| Polar Axis Elevation Adjustment | Fine adjustment: Rotate the fine-threaded adjustment knob. | Fine adjustment: Rotate the fine-threaded adjustment knob. | Fine adjustment: Rotate the fine-threaded adjustment knob. | | | |
| External Finish | Red components are powder coated; black components are anodized aluminum | Red components are anodized; black components are anodized aluminum | Red components are powder coated; black components are anodized aluminum | Red components are anodized; black components are anodized aluminum | Red components are powder coated; black components are anodized aluminum | Red components are anodized; black components are anodized aluminum |
| Axis Locking Positions | Lock both HA and Dec axes in 10-degree increments. | Lock both HA and Dec axes in 90-degree increments. | Lock both HA and Dec axes in 10-degree increments. | Lock both HA and Dec axes in 90-degree increments. | Lock both HA and Dec axes in 90-degree increments. | Lock both HA and Dec axes in 90-degree increments. |
| Location of Axis Locking Knobs | On the HA and Dec axes | On the worm block cover | On the HA and Dec axes | On the worm block cover | Install separate locking bolts | Install separate locking bolts |

¹The Universal bundle includes *TheSky Professional*, *Cameras+* module, *Domes* module, *Multi-OS+* module, *TPoint* module and the *Weather* module. After the first year, an optional annual subscription is \$200.

²The Paramount MYT Software Suite included TheSky Professional, Cameras+ module, Multi-OS+ module, and TPoint module. The optional annual subscription renewal is \$100.

³The Paramount MX+ Software Suite included TheSky Professional, Cameras+ module, Multi-OS+ module, and TPoint module. The optional annual subscription renewal is \$100.

⁴The Paramount ME Software Suite included TheSky Professional, Cameras+ module, Domes module, Multi-OS+ module, and the TPoint module. The optional annual subscription renewal is \$100.