

Uti8G2-DL

Version 1.0

Using the Sky Commander with the Uti8G2

Once your Uti is setup, you will want to connect the Sky Commander. The Uti comes with a mounting plate that can be installed to the counter weight rail. You can either attach the Sky Commander with the supplied Velcro or double-sided tape. If you want to both hold and mount the Sky Commander while using the Uti, you may want to attach the Sky Commander using the Velcro. If you prefer to permanently mount the Sky Commander to the plate, you should use the double-sided tape. You can also use the Sky Commander without the plate altogether. It simply depends on your preference. See photos.

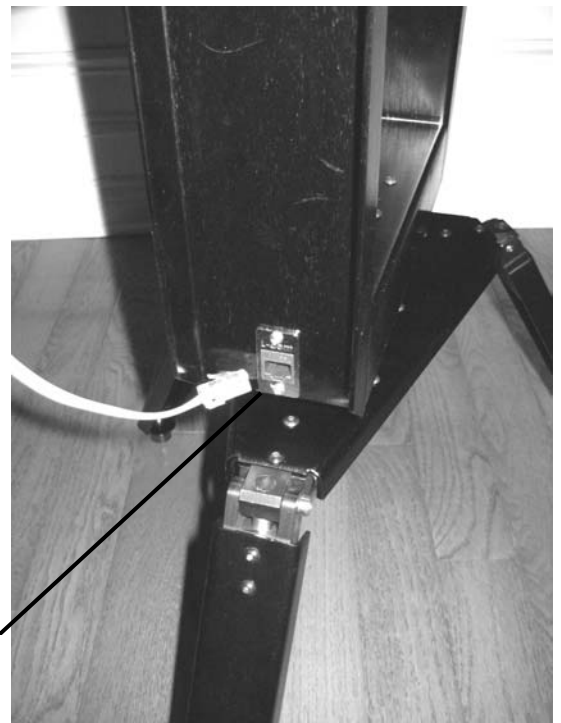
Sky Commander mounted to the plate and counter weight rail.



After mounting the Sky Commander, you will need to connect the Cat5 cable to both the Sky Commander and the Uti. Either end can be plugged into the Sky Commander and Uti. When plugging in the cable, take care to position the connector so the locking tab is properly located and snaps in. When removing the cable, take care to actuate the locking tab before removing the connector. See photo.



Insert Cable into Sky
Commander connector



Insert cable into
Cat5 connector
on the Uti fork

To start digitally locating objects, use the following "Quick Start" instructions:

1. Setup your Sky Commander and connect the cable as shown above.
2. Turn on the Sky Commander and press the "Enter" key after the date is displayed. If the date is incorrect, set it using the "Left" or "Right" and "Up" or "Down" arrow keys. Press the "Enter" key to accept the correct date. (Note: setting the date is only necessary if you want to locate planets)
3. After selecting the date, the unit will go into the 2-star alignment mode.
4. Using the Up or Down arrow keys, select an appropriate 1st star (example: Polaris), point the Uti toward that star and press "Enter". Select an appropriate 2nd star (example: Vega, Aldebaran, Altair), point the Uti toward that star, and press Enter.
5. The screen on the Sky Commander defaults to M31. Press the Up arrow key once. This will put the Sky Commander in the "Relative Position" mode depicted by an "*". The display will also change to Alt / Az readout.
6. Use the Right arrow key to move the cursor under one of the digits of the Messier object. Use the Up/ Down arrow key to change the digits. When the desired Messier object has been selected, press Enter and move the Uti so the Alt/Az readouts are zero. The selected Messier object should be located in the eyepiece. You can continue to use this procedure to select and locate other objects.
7. For further functionality, see the Sky Commander User's Guide.

NOTE: If for some reason your controller stops working correctly, you may have to re-program the Sky Commander. Hold down the Up & Down arrow keys while turning on the unit. Use the Left & Right arrow keys to change any values and the Up & Down arrow keys to change to the next parameter. (For more detail, see the setup section in Sky Commander manual on page 5).

The proper setup for the Uti8, is as follows:

1. Setup = [1] (4 different telescope setups can be stored)
2. Scope Mount = "DOB"
3. Set Hemisphere = "NORTH"
4. RA Direction = "NORM"
5. Dec Direction = "REV"
6. RA Encoder Res = "4000" (*)
7. Dec Encoder Res = "4000" (*)
8. FastTrk = Off (option available only on newer models)
9. Sidereal Clock = "ON"
10. RS-232 Baud Rate = 9600
11. SiTech Mode = "OFF"
12. Press the Enter key to Save the setup

(*) The standard resolution for the encoders is 4000. If you requested a different encoder resolution, use that value.