

The Dyna-Tracker operates on 110/120 volts AC or 12 volts DC. Terminals on the rear of the Power Box E-6 are marked for the appropriate input and output plugs. Car batteries are generally 12 volt DC and regular house current is generally 110/120 volts AC.

TO CONNECT TO TELESCOPE

First make sure that the fine adjustment control on the remote control unit is in the "OFF" position. After making sure of this, connect to socket on front of Box E-6.

Next, connect the power cord from your telescope motor into AC output socket located at rear of box E-6. A special power cord is provided that can only fit one way into a special socket at rear of box. After connecting this cord correctly to box, connect other end to your 110/120 AC current outlet house current. In case of DC operation, connect DC socket to automobile battery or other DC source. Red lead is positive. Connect to positive terminal of battery.

STARTING

When the electric current is "ON", circuit is charged and indicator lamp will flash-glow intermittently depending on cycle output. Always make sure to turn dial to "OFF" after use. It should always be left in "OFF" position until after the unit is connected to AC or DC current.

OPERATING

For best results, be sure that the polar axis of the telescope is correctly aligned with the north celestial pole. This insures excellent results in long exposure photography and observing programs.

Use the instant fast and slow buttons, located at side, to bring object into field and then use the fine adjustment to keep it there. The range of the fine adjustment is extremely wide as will be noted by the speed changes.

COARSE ADJUSTMENT

This adjustment is not used except initially to balance the unit to a telescope motor. It may not have to be adjusted at all as received from the factory. In case of adjustment, it can be done as follows:

Set the fine adjustment at zero. With a high power eyepiece in the telescope, position a bright star in center of field by means of the fast and slow buttons. If star drifts from center, change the coarse adjustment by means of screw driver until object is stationary and steady. Thereafter this adjustment need never be done again with the same telescope, and all adjustments can be made by fast and slow buttons and the fine adjustment control.

IMPORTANT

Do not alter any of the plugs supplied to fit sockets. Rotate them to fit the socket. In that way all connections will be correct. They are designed so that you cannot make a mistake and put wrong plug into any socket on the unit.

Be sure to turn unit off after use. If left "on" and connected to power again for next use, unit may not start.