

## Instructions for the 10"/ 4" Telescope

### Setting up:

1. Open the dome: The roof slides open to the left. There is a small piece of wood between the roof and the frame at the front, right corner of the room. Remove the piece of wood and slide the roof open.
2. Turn on the power strip that is located at the base of the metal pier. Plug in the cord that is connected to the motor.
3. Turn on the Gray Metal Box located on the telescope pier. This is power to the Hand-Paddle
3. Take the CCD out of the green box and mount it onto the 10". Plug the CCD into its adapter box.
4. Plug the DIN cable into the back of the CCTV camera on the 4". Turn on the monitor in the Observatory.
4. Position the scopes manually by releasing the manual brakes located on the DEC axis and the RA axis. When in position, set the brakes.
5. Use the Hand-Paddle to fine tune the position. The hand-paddle has a fast and slow speed toggle switch.
6. If you can't see an image on the monitor check the back of the CCTV and make sure the gain is set to the appropriate level for daylight or for starlight.
7. Focus the image on the screen using the focus knobs on the zero image shift focuser in which the CCTV is connected. **DO NOT USE THE FOCUS KNOBS ON THE 4" TELESCOPE.** They should be set in a locked position and shouldn't be able to be moved.

### Closing Down:

1. Turn off monitor, unplug the CCD from its adapter box, disconnect the DIN from the CCTV, turn off the Hand Paddle box, turn off power strip, and unplug the motor. **THERE ONLY THING LEFT PLUGGED IN IS THE POWERSUPPLY (and it should be OFF).**
2. Remove CCD and put into green box.
3. Position the mount so the scopes will not be hit by dome when it is closed. Set the Brakes
4. Close the dome: **Make sure to park the scope so that it will not be hit by the roof while closing.** Replace small piece of wood between the roof and frame. Turn off the lights, shut and lock the door.