
























Normal Operating Mode

In normal operating mode, the buttons do what is shown by the icons on their faces.

Button	Normal Operating Mode Function
	Zoom in on selected object.
	Zoom out to full sky.
	Track (center view on) selected object.
	Move cursor toward zenith.
	Move cursor counterclockwise around the zenith.
	Move cursor toward horizon.
	Move cursor clockwise around the zenith.
	Select an object located near the cursor.
	Pause/continue movement of time.
	Stop time.
	Accelerate time rate in a negative (backward) direction. Can be pressed multiple times for faster rates. If the time rate is positive, this will act to decrease your time rate.
	Move forward in real time.

Button	Normal Operating Mode Function
	Accelerate time rate in a positive (forward) direction. Can be pressed multiple times for faster rates. If time is moving backward, will reduce the backward rate.
 1	Toggle labels for bright stars.
 2	Toggle planet labels. Note: Nightshade includes all solar system objects in the term "planet." The sun, Earth's moon, Pluto, etc. will be labeled when this function is on.
 3	Toggle labels for deep sky objects.
 4	Toggle constellation line drawings. To show one constellation at a time, select a star in the constellation you wish to show. You can add line drawings one at a time by selecting a star in each constellation's line drawing. To resume showing all line drawings, select a star not in a constellation line drawing.
 5	Toggle labels for constellations. To show one label at a time, select a star in the constellation you wish to label. You can add labels one at a time by selecting a star in each constellation's line drawing. To resume showing all labels, select a star not in a constellation line drawing.
 6	Toggle constellation artwork. To show one constellation at a time, select a star in the constellation you wish to show. You can add artwork one at a time by selecting a star in each constellation's line drawing. To resume showing all artwork, select a star not in a constellation line drawing.
 7	Toggle compass points.
 8	Toggle the ecliptic. The ecliptic is the path of the sun across the sky. The planets and moon also lie on or near this line. Numbers on the ecliptic correspond to the months of the year and show when the sun will be in that position. The number for each month is roughly in the middle of that month's segment.
 9	Toggle the celestial equator. The celestial equator is an extension of Earth's equator onto the sky. The labels are hour marks for right ascension.
 .	Toggle Earth's atmosphere. For the blackest night sky, turn off the atmosphere.
 0	Toggle celestial meridian. The celestial meridian is a circle running through the north and south celestial poles; it passes through the zenith and intersects the observer's horizon at the north and south points.

Button	Normal Operating Mode Function
 -	Toggle the equatorial grid. The equatorial grid is analogous to lines of latitude and longitude. It consists of parallels and meridians, with meridians crossing at the north and south poles.
	Move forward (+) or backward (-) in time the specified number of Earth calendar days (or local sidereal days if you configured this in menu item 2.3, described below).
	Toggle landscape.
	Increase size of moon to make phase more visible in full sky view. Press a second time to return moon to normal size.
	Change time and date to default settings.
	Enter menu mode.
	Toggle time and selected object information display.
	Toggle between background meteor rate, typical meteor shower, exceptional shower, and world record shower. Remember that the observed rate depends on the location of the radiant, maximizing at the zenith. Will only display meteors while at real time rate. The meteor radiant is always at the apex of the home planet's way (direction of travel through space). This feature is representative rather than simulating specific meteor showers.
	Enter media mode.
	Shift button. See functions below.
	Cancel an object selection or other action.