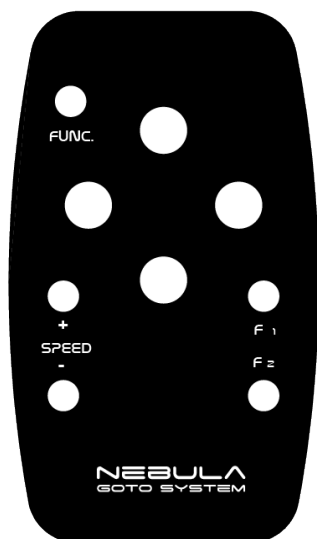


Use of the Nebula Go To System Handcontroller



The full control of the setup is made through the Nebula Go To System WebApp used together with the Raspberry internal kStar or with external astrophotographic softwares, as explained above.

However the controller comes provided with a Handcontroller that allow basic and some advanced features.

It will be possible, for example, just using the Handcontroller, to switch from the WiFi interface from the managed mode to the hotspot mode or triggering the Sync Home Position.

Those feature can be really helpful to have an intuitive and advanced control of the setup, allowing to easily establish a connection with a pc or smart device to obtain a full control of the setup.

Below the full list of handcontrol keys functions and combinations:

Up OR Down OR Left OR Right:

Slows Up (North) or Down (South) or Left (East) or Right (West) at the setted speed in Alt-Az mode (in equatorial mode) since any of these ends with telescope at tracking speed it could be used as a handy way of nearly stopping any other motion (for instance PC controlled ones)

Speed- OR Speed+:

Changes slew speed from Guide/Center/Find/Max (Speed+) and back (Speed-)

Focus- OR Focus+:

Moves focus if available in hardware

Speed- AND Speed+ for 5 seconds:

Set WiFi interface to managed mode (connect to the last used Access Point)

Focus- AND Focus+ for 5 seconds:

Set WiFi interface to hotspot mode

Up AND Down for at least 2 seconds:

Left AND Right for at least 2 seconds:

Stop current motion

Up AND Down AND Left AND Right for at least 5 seconds:

Controller shutdown

Func AND Speed- OR Speed+:

Changes any slew speed of handcontrol movements from 100% to 50% in steps of 10% (Speed-) and back (Speed+)

Func AND Left OR Right:

Changes Max speed of handcontrol movements from 100% to 50% in steps of 10% (Left) and back (Right)

Func AND Up OR Down:

Changes tracking speed from Terrestrial(None)/Sidereal/Lunar/Solar (Up) and back (Down)

Func AND Focus+:

Instead in no display controllers, if pressed for at least 5 seconds, triggers "**Sync to Home Position**"

Func AND Focus-:

Instead in no display controllers, if pressed for at least 5 seconds, triggers "**Park**" if unparked or "**Unpark**" if parked