

Sphere Astrolink Satellite

Software Update Procedure

Before you start

Use a USB stick with a maximum capacity of 16GB and a FAT32 file system. Place the software program directly on the USB stick, not inside a folder.

USB preparation

1 Transfer the software program
Copy the software program to the USB stick. Do not place the file inside a folder.

2 Check the USB format if it is not recognised
Plug the USB stick into a PC, right click the USB drive, then select Properties. Confirm the file system is FAT32.

3 Reformat the USB stick if required
If the file system is not FAT32, right click the USB drive, select Format, then set the file system to FAT32 before copying the software program again.

Update procedure

4 Connect the USB stick
Ensure the unit is turned off, then plug the USB stick into the USB port on the controller.

5 Start the update mode
Press and hold the OK button, then press the Power button while continuing to hold OK.

6 Wait while the controller checks the program
The HOME, Lock and GPS LEDs will remain solid at the same time while the program is being checked. The software upgrade takes about 10 seconds.

7 Confirm completion
When the update is completed, all Satellite LEDs will flash once. The HOME, Lock and GPS LEDs will turn off while the controller reboots.

8 Return the system to normal operation
When the HOME LED becomes solid, the antenna is ready to use. Power down the IDU after applying the software update before getting the satellite to search.

LED status guide

LED behaviour	Meaning	Action
HOME, Lock and GPS LEDs solid	Program is being checked	Wait for the update to complete
All Satellite LEDs flash once	Update completed	Allow the controller to reboot
HOME LED solid	Antenna is ready to use	Power down the IDU before satellite search
HOME, Lock and GPS LEDs flash five times, then system powers off	Update failed	Check the USB format and software file, then repeat the procedure

Controller reference

Use the controller LED labels as the visual reference for HOME, Lock, GPS and Satellite LED behaviour during the update.

