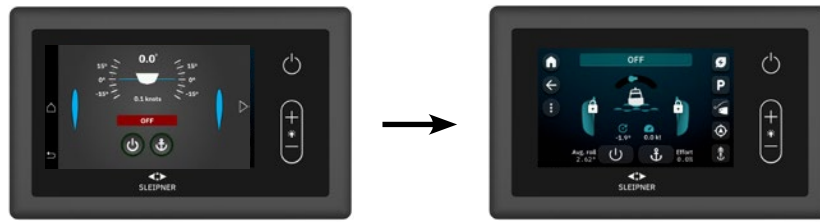


Service, maintenance and support

TP-43A Panel firmware update



This document describes how to update the firmware on the TP-43A panel using a USB memory stick or a wireless internet connection.



USB Firmware update

Before you start

- Use a USB memory stick formatted as FAT32.
- Download the required firmware files using S-Link Programmer.

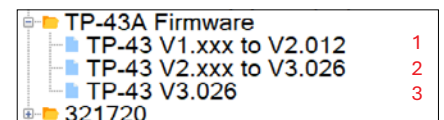
Note: Only one firmware file must be present on the USB memory stick at a time. The firmware files used for the update steps have the same file extension, so the panel cannot distinguish between multiple firmware files on the USB memory stick.



Important: If the panel requires multiple firmware updates, complete each update separately:

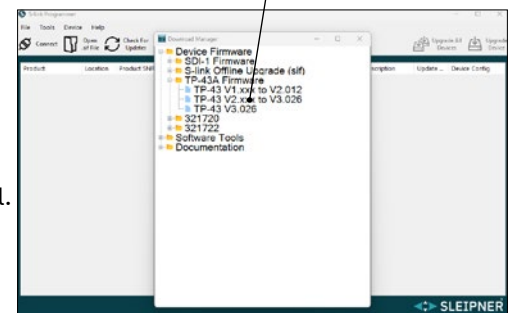
1. Download the first firmware file to the USB memory stick.
2. Update the panel using this file.
3. Remove the firmware file from the USB memory stick.
4. Download the next firmware file.
5. Update the panel again.
6. Repeat this process until the required firmware version is installed.

Example: If the panel is running firmware version 1.x, use File 1 first, followed by File 2 and File 3 as required. **Note:** After each update, delete the firmware file from the USB memory stick before downloading the next file.



Update the panel

1. Open S-Link Programmer and select Tools > Download Manager.
2. Download the first required TP-43A firmware file to a FAT32-formatted USB memory stick.
3. Insert the USB memory stick into the USB port on the back of the TP-43A panel.
4. When prompted on the panel, confirm that you want to install the firmware update.
5. Wait until the update is complete.



6. When prompted, remove the USB memory stick and confirm that you want to reboot the panel.

Note: If another firmware update is required, remove the previous firmware file from the USB memory stick and download the next firmware file. Repeat the update procedure until the required firmware version is installed.

If the update fails

1. If the update is unsuccessful, repeat the update procedure.
2. If the update fails repeatedly, try using a different USB memory stick.

Note: The TP-43A has two firmware memory partitions. This allows the previously installed firmware to remain available as a backup if an update fails.

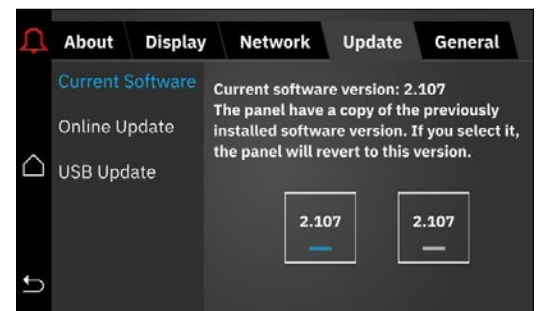
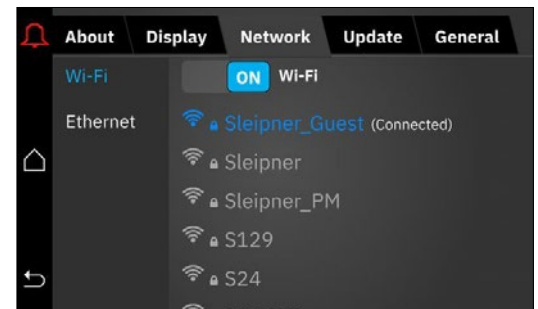
Firmware update via internet

From panel firmware version 1.106, released on 10 November 2021, the TP-43A can download the latest panel firmware directly over a wireless internet connection. **Note:** If the firmware update cannot be completed via the internet, use the USB firmware update procedure instead.



Connect the panel to the internet

1. From the main menu open Panel settings.
2. Open the Wi-Fi/network settings on the TP-43A.
3. Select the required wireless network.
4. Enter the network password when prompted.
5. After the panel is connected, open the Update tab.
6. Select Software Update and follow the instructions on the screen.



S-Link Programmer

Download S-Link Programmer from:

www.side-power.com/slinkupgrade/S-LinkProgrammerSetup.zip



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