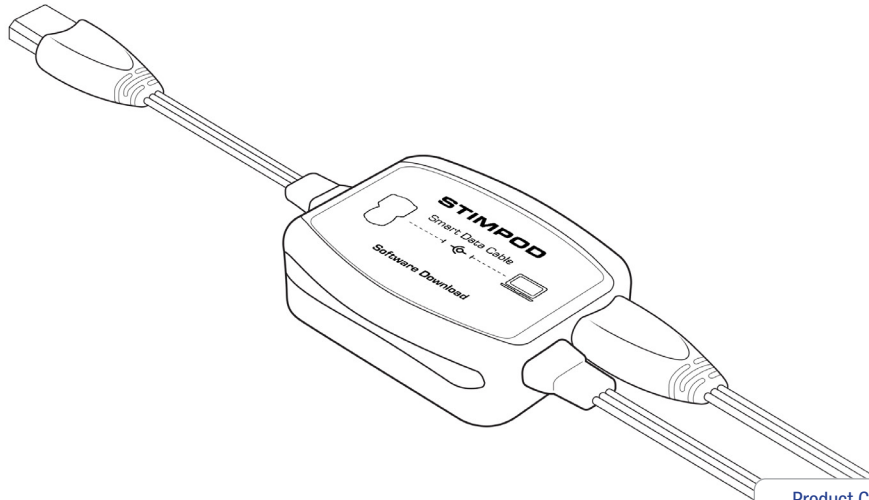


STIMPOD
NMS 450X

Remote Software
Download Cable
Instructions For Use



Product Code: XT-45100A-SDC

Revision 01 XM400-21SD04-01

Release: February 2023

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1. Abstract

This document describes the method and tools required to perform a remote software update on the STIMPOD NMS410/ NMS450 and its accessories. List of product numbers currently supported for upgrade:

1. STIMPOD NMS450 (S/W version 10.x.x): XT-45000, XT-45021A, XT45021B, XT45021C, XT45021D
2. NMT Monitoring cable (EMG): XT-45003, XT-45003A

2. Equipment

The following is required to perform a remote software update:



A PC or laptop running Windows 10 (or greater) and with access to the internet.

+



XT-45100A-SDC: Software Download Cable

+



STIMPOD NMS410/NMS450

OR



Accessory (i.e. XT-45003 or XT45003A)

3. Remote Software Update Procedure

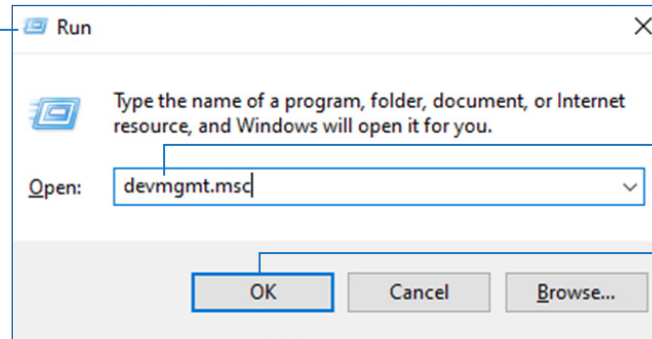
3.1 Installing Drivers¹

Ensure that the Windows PC is correctly set up with the Software Download Cable by establishing if the cable driver is correctly installed as per the instructions given below:

- 1 Connect the Software Download Cable to one of the USB ports of the PC.
- 2 Follow the following steps to open the "Device Manager"

Step 1:

Press Windows + 'R' on Keyboard. The following message box will be displayed



Step 2:

Type "devmgmt.msc" in the text box

Step 3:

Press the "OK" button to open the "Device Manger" Window

Figure 1: Using "Run" window to open "Device Manager"

Note ¹ Once the drivers have been installed on the PC, this step does not have to be repeated.

- 3 With the Software Download Cable connected to the PC, Scroll down to “Ports (COM & LPT)”.

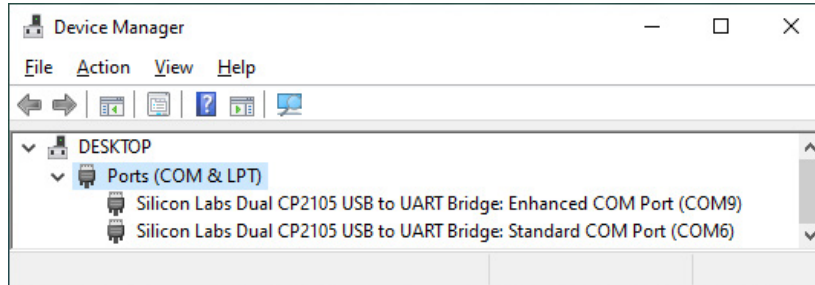


Figure 2: Device Manager Displaying the ports

- 4 If the ports are not displayed as indicated in Figure 2, install the drivers using the following link:
https://www.silabs.com/documents/public/software/CP210x_Windows_Drivers.zip
- 5 Open the downloaded .zip file and run CP210xVCPInstaller_x64.exe

After this step the drivers for the Software Download Cable should be installed which means that the PC will be able to communicate with the Remote Software Download Cable.

Note² The COM port might be different from the ports indicated in this document

3.2 Remote Software Update Application

- 1 Download the application by using the link below:
<https://www.xavant.com/support/remote-software-update/>
- 2 Enter the following password: "UpdateMyStimpod".
- 3 Click on the "Download for Microsoft Windows" button to download the software.
- 4 Run the executable.
- 5 After the application has been successfully installed, a Desktop icon will be created, and the application will run.
- 6 If a new update is available, this update will be automatically installed.
- 7 Congratulations. You have successfully installed the drivers and the Remote Software Application.

3.3 STIMPOD NMS450 Software Update

The following steps should be followed to update the software on a STIMPOD:



- 1 Connect the Software Download cable to the PC.
- 2 Connect the STIMPOD to the Software Download Cable and power on the STIMPOD.
- 3 Open the Remote Software Update Application using the Desktop Icon.
- 4 Select the “Start Device Detection” button to initiate searching for the device to be updated.



Figure 3: Select the “Start Device Detection” Button

- 5 The application will automatically detect the STIMPOD if the STIMPOD is connected and powered on.

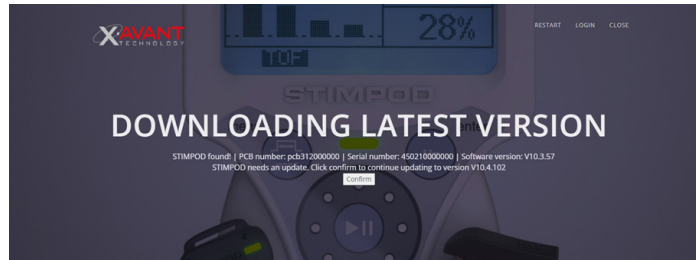


Figure 4: The Application will automatically detect the STIMPOD

- 6 Once the STIMPOD has been detected, the application will determine if a software update is available for download. Note the new Software Version as indicated on the screen.
- 7 Press the Confirm Button to start the remote software update and to run through all the different stages of the Remote Software Update process. The Application will display different screens with progress bars during the course of the update.

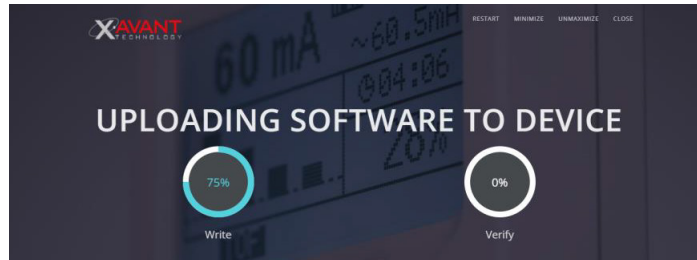


Figure 5: PC screen display during the software update



Figure 6: STIMPOD screen display during the software update



Figure 7: PC screen display immediately after the attached STIMPOD has been updated



Figure 8: STIMPOD Screen display immediately after the update has been completed

- 8 After the STIMPOD was successfully updated, power down the STIMPOD and power back on.
- 9 Confirm the new software version on the startup screen.
- 10 To update other STIMPODs, repeat Steps 1 to 5 of section 3.3.



Figure 9: Welcome Screen of Updated STIMPOD (Software version might differ from the version indicated)

3.4 Accessory Cables Software Update

Follow these steps to update an accessory cable i.e. NMT Monitoring Cable EMG, on the STIMPOD:³

- 1 Connect the Software Download cable to the PC.
- 2 Connect the NMT Monitoring Cable EMG to the Software Download Cable.⁴

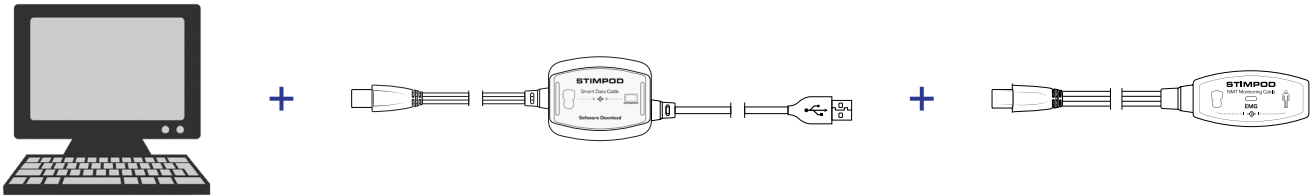


Figure 10: Accessory cable Software Update Setup

Note³ Refer to section 1 for the list of accessories currently available for remote software updates

Note⁴ Ensure the STIMPOD is **NOT** connected to the Software Download Cable.

- 3 Open the Remote Software Update application.
- 4 Select the “Start Device Detection” button to initiate searching for the device to be updated.



Figure 11: Select "Start Device Detection" Button to search for the connected device

- 5 The application will automatically detect the accessory.

- 6 Press the Confirm Button to start the remote software update and to run through all the different stages of the Remote Software Update process. The Application will display different screens with progress bars as indicated in the images below:



Figure 12: PC Screen display immediately after the software update for the attached NMT Monitoring Cable - EMG has been started (Progress bars at 0%)



Figure 13: PC screen display whilst busy with software update to the attached NMT Monitoring Cable - EMG (Progress bars advancing > 0%)

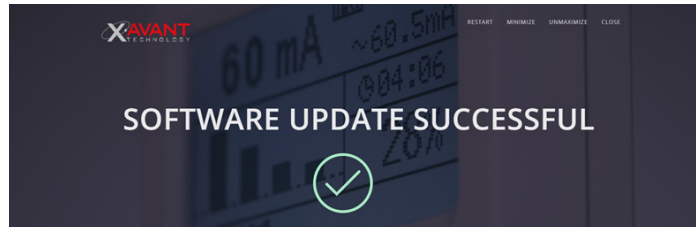


Figure 14: PC screen display immediately after the attached NMT Monitoring Cable - EMG has been updated (Progress bars = 100% and "Software Update Successful" message being displayed)

- 7 Connect the accessory to the STIMPOD to view the new software version.
- 8 Congratulations. You have successfully updated your accessory cable.

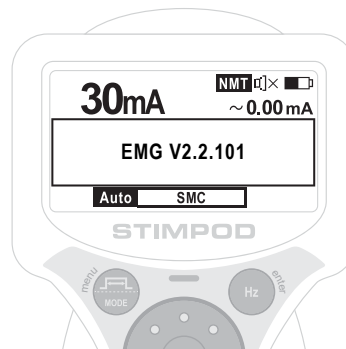
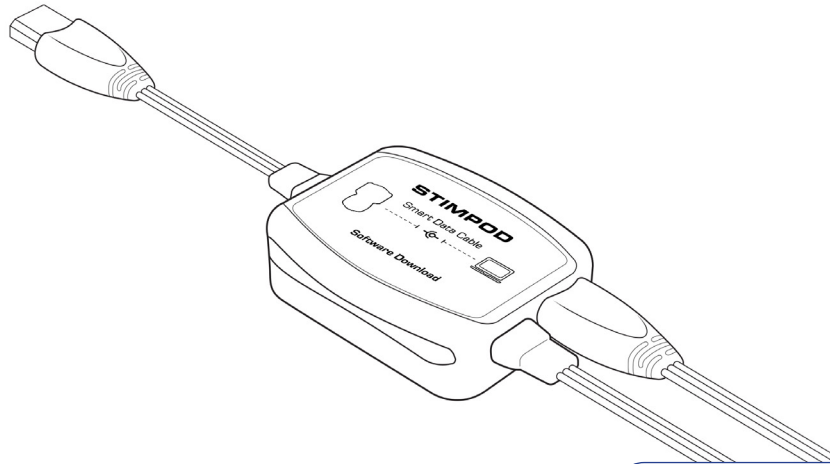


Figure 15: STIMPOD displaying updated accessory software version number



Remote Software Download Procedure



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