

# **P9XX UPDATE MANUAL V1.2**



What's is changed?				
v1.0	Initial version			
v1.1	Updated the link to stmcubeprogrammer, added picture of the disconnect button			
v1.2	Updated for the new SimRep Engineering Update tool			

## SimRep Engineering

Please read the user manual first before proceeding.

### Update

- 1. To start the update unplug your device (USB of unscrew to GX16 connector on the back of the wheel).
- 2. Take the smallest HEX-tool, that's included in the packaging.
- 3. There is a small hole on the plastic cap on the back of the wheel, Press it gently in the hole.
- 4. While it's pressed in, plug the steering wheel back into the computer.

If you don't have to tool, you can also unscrew the cap and press this button with your finger.



You will see the device in '**device manager'** as P9XX Update Mode.

It can happen that it shows like this, with a yellow traignle. If it shows under '**Universal Serial Bus Devices'** you can skip the next steps, and go to the STM programmer tool installation.



To update the driver, right click and click 'properties.

#### Click on 'update driver'

P9XX Up	date Mode Prope	ties	$\times$
General	Driver Details	Events	
2	P9XX Update Mo	de	
	Device type:	Other devices	
	Manufacturer:	Unknown	
	Location:	Port_#0002.Hub_#0006	
Devic	e status		
The	drivers for this devic	e are not installed. (Code 28)	
Ther	e are no compatible	drivers for this device.	
To fir	nd a driver for this d	evice, click Update Driver.	
· · · · · · · · · · · · · · · · · · ·		<b>v</b>	
		Update Driver	
		OK Cance	

Click on 'Browser my computer for drivers'

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🔶 📱 Update Drivers - P9XX Update Mode

How do you want to search for drivers?

- → Search automatically for drivers Windows will search your computer for the best available driver and install it on your device.
- → Browse my computer for drivers Locate and install a driver manually.



Click on ' let me pick from a list a available drivers on my computer'

Update Drivers - P9XX Update Mode	
= -r	
Browse for drivers on your computer	
earch for drivers in this location:	
C:\	✓ Browse
Include subfolders	
→ Let me pick from a list of available drivers on This list will show available drivers compatible with the devi same category as the device.	my computer ice, and all drivers in the
	Mart Carrie
	Next Can
down to 'Universal Serial Bus devices' and click	k on 'Next.
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One or two drivers will show (depending if you have the 'USB2.0 Screen' driver already installed.

Click on '**WinUSB Generic Device'** and click on 'Next'. It's possible the naming is slightly different on your PC, it could also be 'WinUSB' of 'WinUSB Generic'.

If you can't find to driver it can also be listed under 'USB devices' instead of 'universal Serial Bus devices', after scroll down and you will see winUSB listed.

		>
Update Drivers - F	P9XX Update Mode	
Select the device	e driver you want to install for this hardware	2.
Select the r disk that co	manufacturer and model of your hardware device and the ontains the driver you want to install, click Have Disk.	en click Next. If you have a
Manufacturer (Undefined Vendor) Atmel Corp. Microsoft SEGGER Microcont	) Model	
This driver has a	an Authenticode(tm) signature.	Have Disk
Tell me why driv	ver signing is important	
		Next Cancel
ck on ' <b>Yes'</b>		
ck on <b>'Yes'</b>	P9XX Update Mode	×
ck on ' <b>Yes'</b> Update Drivers - F Select the device	P9XX Update Mode e driver you want to install for this hardware.	×
ck on ' <b>Yes'</b> Update Drivers - F Select the device Select the device Update Update	P9XX Update Mode e driver you want to install for this hardware. manufacturer and model of your hardware device and then ontains the driver you want to install, click Have Disk. e Driver Warning	n click Next. If you have a
ck on ' <b>Yes'</b> Update Drivers - F Select the device Select the device Update Update Update Update	P9XX Update Mode e driver you want to install for this hardware. manufacturer and model of your hardware device and then ontains the driver you want to install, click Have Disk. e Driver Warning Installing this device driver is not recommended because Windows cannot verify that it is compatible with your hardware. If the driver is not compatible, your hardware not work correctly and your computer might become un or stop working completely. Do you want to continue installing this driver?	x n click Next. If you have a
ck on ' <b>Yes'</b> Update Drivers - F Select the device Select the device Update Update Update Update Update Update	P9XX Update Mode e driver you want to install for this hardware. manufacturer and model of your hardware device and then ontains the driver you want to install, click Have Disk. e Driver Warning Installing this device driver is not recommended because Windows cannot verify that it is compatible with your hardware. If the driver is not compatible with your hardware. If the driver is not compatible, your hardware not work correctly and your computer might become uns or stop working completely. Do you want to continue installing this driver?	n click Next. If you have a
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All done, it should show now as a 'Universal Serial Bus Devices'

Update Drivers - P9XX Update Mode
 Windows has successfully updated your drivers
 Windows has finished installing the drivers for this device:
 WinUSB Generic Device

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Like this:



## Install the SimRep Update Tool

- 1. Download the update tool from www.simrep-engineering.com/downloads
- 2. Right-click the downloaded .zip and click on 'extract all...'

#### 3. Open the folder and click on setup.exe

Name	Date modified	Туре	Size	
Application Files	17/01/2024 15:37	File folder		
Application.zip	17/01/2024 15:38	Compressed (zipp	4.057 KB	
😵 setup.exe	17/01/2024 15:37	Application	679 KB	
SimRep update tool.application	17/01/2024 15:37	Application Manif	2 KB	

#### 4. Follow the installation, hit 'install'

Application Install - Security Warning



source, do not install this software. More Information...

#### 5. Your all done

<u>S</u>	ENGIN		۳I
Select File	SimRep Engine	ering update to	ool Open
Select your produ	ıct		~
Connect		Search	Install driver Update driver

6. An desktop shortcut will automatically be created, if you do not want it simply delete it from the Desktop.

The 'Update Driver' button does not always work!

So you have to install the driver manually as mentioned above.

## Using the SimRep Update Tool

- 1. Download the update file from <u>www.simrep-engineering.com/downloads</u>
- 2. Click on 'open' under 'Select File' and select the downloaded update file (.bin only)

SimRep Eng Select File	ineering update tool
Select your product	
Connect	Search Update driver
Upload can take 1-2 min	Upload
	Info

3. Select your product under the dropdown menu.

If you select the wrong product, then the update tool cannot find the product.

#### 4. Hit 'search'

<u> </u>		NEERING	<b>а IГ</b> 3	-
SimR Select File	ep Engir	neering updat	e tool	
				Open
Select your product		P9XX Wheel		
Connect		- source	Ins	tall driver
Device Not Found		Search		odate driver

When the device is not plugged-in or not in update mode, it will show 'Device Not Found'.

When the device is in Update mode (step 1, button on the back) it will show 'P9XX Update Mode'.

	MIREP	>
SimRep Select File Select your product	Engineering update tool Open P9XX Wheel	
Connect P9XX Update Mode	Search Install driver Update driver	
Upload can take 1-2 min	Upload	

- 5. Hit 'Upload'.
- 6. Wait...
- 7. It will show 'Firmware update completed'.

	×
Firmware update o	completed.
	ОК

- 8. Unplug the USB cable and plug it back in (or the GX16 connector)
- 9. Press the button combo D-6 to reset al values. and you can calibrate the clutch like usually.



## ALL DONE!

## Uninstall the program

Uninstalling the program is really easy.

- 1. Go to 'add or remove programs' in the windows settings.
- 2. Search for 'SimRep update tool'.
- 3. Click the three dots and hit uninstall.
- 4. A popup window will show, hit 'OK' and it will uninstall the program.

SimRep update tool Maintenance	$\times$
SimRep update tool Choose the type of maintenance you need.	<del>د ()</del>
<ul> <li>Restore the application to its previous state.</li> <li>Remove the application from this computer.</li> </ul>	
OK Cancel More Inform	nation