# **DS103 DISPLAY**

Firmware Update Guide

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# **Required Tools and Software**



\*Please note that the above images are for reference only.

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Click the link below and press the "Download" button:

https://www.dropbox.com/scl/fi/6npjj91n5rlayllaqd3vx/TPSERVICE-with-SW102-DS103-Firmware.zip?rlkey=ccda8bv9xxpph7uhipgs1n9ky&dl=0.



Extract the downloaded zip file, **TPSERVICE** with **SW102&DS103 Firmware.zip**. Then extract the zip file **TPSERVICE.zip**, inside the folder **TPSERVICE** with **SW102&DS103 Firmware**.

	DS103A_Cyc_KM5S_V2.1.16.2_20221209(2).bin	
TPSERVICE with SW102&DS103 Firmware	 🔚 SW102-CYC-KM5S-V1.1.1-221209(1)	
	C 🚎 TPSERVICE	

Launch the **TPSERVICE.exe** file and follow the setup instructions.



After installing the software successfully, **TPSERVICE** is downloaded to your computer and can now be able to run.



# Step 1: Connect the programming cable

Ensure that you have the TPSERVICE software installed, Double click the icon of TPSERVICE

C 😨 TPSERVICE	2021/12/22 上午 11:00	應用程式	214 KB

Check the UART drop-down, remember the COM port you have at beginning. For example, the image below has COM4 & COM5.

TP SERVICE Ver:1.0.1.9 build:20211222110044		∈ ⊗
Product: UARTOCAN COMS COMS Product Name: SelCOM4	Connect Read_Info Data_Clean  BatVol:	
Update Set		show Produce
Update File: Update		
Info:		

Connect the programming cable to the battery.



Plug the USB to the PC's USB port. The opposite end of the programming cable is connected to the main connector of the wiring harness. Afterwards, connect the DS103 display to the display connector of the wiring harness.





## Step 2: Select the correct COM port

Press the UART drop-down menu and select the appropriate COM port as each programming cable may use a different COM port. For example, COM3 is the port for this programming cable.

© TP SERVICE Ver:1.0.1.9 build:20211222110044		⊜ 8
Product   Product Name:  Product Name: Product Name: Product Name: Product Name: Product Name: Pro	Connect Read_Info Data_Clean  Baf¥ol:	show Produce
Update File: Update		

Select **"DS103"** under **"Product:"** and select **"COM"** port of your programming cable under the drop-down menu. In this example, we've selected **COM3** for this programming cable.

TP SERVICE Ver:1.0.1.9 build:20211222110044		0
Product: DS103 . OUARI_CAN COM3 .	Connect Read_Info Data_Clean	
Product Name: DS103A Serial Number:		
Firmware Ver: Hardware Ver:	BatVol:	
Update Set		show Produce
Update File: Update		
1.4.		



Press the **"Update File:" button** and select the respective file based on the battery voltage of your display from the folder.

For the DS103 52V Display, please select the "DS103A\_Cyc\_KM5S\_V2.1.16.2@20221209(2).zip.

For the DS103 72V Display, please select the "72V\_DS103A\_Cyc\_KM5S\_V2.1.16.9\_20230817.zip

WARNING: Uploading the wrong firmware file to your display will cause **irreversible damage which will not be warrantied**. Ensure that you upload the firmware version that matches your display version by following the provided guidelines carefully.

□ 名稱 ^	修改日期	類型
TPSERVICE	2023/3/21 下午 03:09	檔案資料夾
DS103A_Cyc_KM5S_V2.1.16.2_2022	2023/3/17 上午 03:20	BIN 檔案
🚞 SW102-CYC-KM5S-V1.1.1-221209(1)	2023/3/17 上午 03:20	壓縮的 (zipped)
5 TPSERVICE	2022/3/16 下午 12:12	壓縮的 (zipped)
	<ul> <li>○ 名稱</li> <li>○ TPSERVICE</li> <li>○ DS103A_Cyc_KM5S_V2.1.16.2_2022</li> <li>○ SW102-CYC-KM5S-V1.1.1-221209(1)</li> <li>○ TPSERVICE</li> </ul>	<ul> <li>○ 名稱 修改日期</li> <li>○ TPSERVICE 2023/3/21下午03:09</li> <li>○ DS103A_Cyc_KM5S_V2.1.16.2_2022 2023/3/17 上午03:20</li> <li>○ SW102-CYC-KM5S-V1.1.1-221209(1) 2023/3/17 上午03:20</li> <li>○ TPSERVICE 2022/3/16下午12:12</li> </ul>

Firmware Ver:	Hardware Ver:		BatVol:	
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opano   bor				
	2			
Update File:	DS103A Cvc KM5S V2.1.16.2	20221209(2).bin	1	
			-	
Update				
	-			
Info				



#### Step 4: Plug in the display

Click the "Connect" button on the dashboard.

TP SERVICE Ver:1.0.1.9 build:20211222110044		08
Product: DS103 . OUARTOCAN COM3 .	Connect Read_Info Data_Clean	
Product Name: DS103A Serial Number:		
Firmware Ver: Hardware Ver:	BatVol:	
Update Set		show Produce

Click on the "Update" button to install the selected display firmware version.



Right after, quickly press and hold the orange power button of the DS103 display for 1 second. It will prompt that the display is now connected.

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Update File:	DS103A_Cyc_KM5S_V2.1.16.	2_20221209(2) bin	Č.	
Update	J			
Display Con	unerheil .			]

Then wait for 5 seconds, the firmware update procedure will start automatically.



Firmware Ver: ---

Update Set



show Produce

## Step 5: Disconnect the display

Hardware Ver:

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After the update has been 100% installed, click the **"Disconnect"** button and unplug the DS103 display.



For technical assistance, kindly reach out to us at technical support@cycmotor.com. Thanks!

BatVol:

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