

SBS-2003 Data Capture - Windows 10 Bluetooth Directions

Directions

Download the "SBS-2003-Data-Capture" Excel workbook onto your PC prior to pairing the SBS-2003 via Bluetooth (<u>https://www.sbsbattery.com/media/downloads/SBS-2003-Data-Capture.xlsm</u>).

- If you have already paired your SBS-2003 using a previous version of the SBS Data Capture spreadsheet, then you will need to select current Bluetooth devices and uninstall, un-pair the original pairing of the unit (see the directions at the end of this document under the Troubleshooting section).

The template comes with the COM port assignment defaulted to COM "0". When you first open the workbook, you will get an error message stating that:



When you see the message above it's time to pair the SBS-2003 with your computer.

To connect a new peripheral to your Windows 10 computer using Bluetooth, use the following steps:

- 1. Open Settings.
- 2. Click on Devices.
- 3. Click on **Bluetooth & other devices**.
- 4. Turn on the **Bluetooth** toggle switch.
- 5. Click the Add Bluetooth or other device button to connect a new device.

← Settings		– 🗆 X
O Home	Bluetooth & other devices	
Find a setting P Devices Bluetooth & other devices	Add Bluetooth or other device Bluetooth On	Turn on Bluetooth even faster To turn on Bluetooth without opening Settings, open action center, and then select the Bluetooth icon. Do the same to turn it off when you want.
Printers & scanners	Mouse, keyboard, & pen	Get more info about bluetooth Related settings
Touchpad	Audio	Devices and printers Sound settings
Typing Pen & Windows Ink	圦)) Microphone (High Definition Audio Device)	Display settings More Bluetooth options
 AutoPlay 	↓ 別 Speakers (High Definition Audio Device)	Send or receive files via Bluetooth
Ö USB	Other devices	Have a question? Get help

6. Select the Bluetooth option



 Turn on the SBS-2003 unit by pressing the "START" button. Enter the SBS-2003 Menu by pressing "START" and then "SELECT" until the arrow on the display points to the Count and a number displays on the SBS-2003.

Hold the "SELECT" Key for 3 seconds until the Menu appears and then release.

Press "SELECT" one time until the display says "SND" and press the "START" button.

- - Dashed lines will scroll across the display showing that Bluetooth is active.



8. It might take a moment, but SBS-2003 will appear in the list. Click to connect.

Add a device		\times
Add a device		
Make sure your device is turned on and discoverable. Select a connect.	device belo	w to
SBS-2003		

- 9. Click the Done button.
- Locate the correct COM Port number that Windows has assigned to the SBS-2003 by typing "Device" into the **Cortana** search bar. Click on the Device Manager. If you don't have Cortana on your device, press and hold (or right-click) the taskbar and select **Search**. Select **Show search box**. Type "Device" in the search box and click **Device Manager**.



11. Windows will assign two (2) COM Port numbers. Try the 1st number and if you are unable to receive the SBS-2003 data then try the 2nd number. The SBS-2003-Data-Capture Excel workbook will only work with COM Ports 1-9. If Windows assigns a higher number you must manually change it. Once you know the two numbers close the Device Manager.



12. The SBS-2003 can now communicate using Bluetooth.

13. Open up the "SBS-2003-Data-Capture" spreadsheet and click Enable Editing if prompted.



14. Click Enable Content



15. Type in the correct COM Port number, *Save* and close the Spreadsheet.

	A B	С	D	E	F	G
1			®			
2				Da	ite	
3				5/3/201	19 14:17	
4	C.D.C.	ANA TEST DA	TA (
5	SBS-	2003 TEST DA				
6					COM	
7	Location / Site Name				4	
9	Battery Model Number					
11	Quantity of Cells				Save	
13	Electrolyte Level	High 🗌 Med	Low			
15	Ambient Temperature				Print	
17	Water Added	Gallons				
18						
19	Cell Number	Specific Gravity	Temperature			
20			2 🖉			
21			2			

16. Open the Spreadsheet again with the saved COM Port number. You must **double** click the *COM Port number field* you set to be able to receive data. Next, click in an empty spreadsheet cell such as cell number 20. The data can now be received.

	A B	С	D	E	F	G
1 2 3 4		58	S®	D 5/3/20	ate)19 14:15	1.You must Double click
5	SBS-	2003 TEST DA	TA			the COM Port
6 7	Location / Site Name]	<u>сом</u> 4	number field to
9	Battery Model Number					activate the
11	Quantity of Cells]	Save	workbook to
13	Electrolyte Level	High 🗌 Med	Low	- 2		receive the
15	Ambient Temperature]	Print	data
17	Water Added	Gallons]		
18						
19	Cell Number	Specific Gravity	Temperature			💻 2 Click in an empty
20	1		/1.9			_: chek in an empty
21	2	LLLL	72.8			spreadsheet cell
22	3	LLLL	72.8			such as coll
23	4	LLLL	68.0			Such as cell
24	5	LLLL	68.0			number 20. The
25	6	LLLL	68.0			
26	7	LLLL	70.5			data can now be
27	8 N CRC 2002	1.052	74.3			received
14 4	P P 305-2003 CJ					icceiveu.

17. Turn on the SBS-2003 and follow the '**Transfer Data from the SBS-2003 into the Excel Template**' steps directly below to send the data via Bluetooth.

Transfer Data from the SBS-2003 into the Excel Template

- With the workbook open, Power on the SBS-2003 by pressing the "START" button.
- Press the "START" button one time to remove the "ON" message displayed on the screen.
- Press the "SELECT" button one time to move the arrow pointer on the SBS-2003 to the COUNT on the display. The display will show the total number of readings that are stored in the memory of the SBS-2003.
- Hold the "SELECT" button for three (3) seconds to enter the SBS-2003 Menu System.
- When in the Menu System, press the "SELECT" button one time to reach the "Snd" command and press the "START" button to activate the Bluetooth data transmission.
- - Dashed lines will scroll across the display indicating the SBS-2003 is communicating.
- 18. Once the data has populated the workbook you can Print and/or Save the data. Make sure you Save the workbook using a different name than the Template so that you don't overwrite the Template. The COM Port number can be saved, but the data cells of the Template must be empty in order to receive new data for your next Specific Gravity readings.

Troubleshooting

Unpair or disconnect Bluetooth devices if you're having troubling connecting your SBS-2003. Follow these steps:

- 1. Open Settings.
- 2. Click on **Devices**.
- 3. Click on **Bluetooth & other devices**.
- 4. Select the peripheral.

← Settings

- 5. Click the **Remove device** button.
- 6. Click the **Yes** button to confirm.

Find a setting	Bluetooth & other devices Other devices
Devices 웹 Bluetooth & other devices 日 Printers & scanners	Not connected External USB 3.0 Connected to USB 3.0 HP 2311 Series LED Backlit LCD Monitor
Mouse	MSSURFACEPRO3: Not connected
Touchpad	Vexus 6 Paired Yes
⁶ Pen & Windows Ink	Remove device

1. Proceed to connect your Bluetooth device with the previous settings now cleared.