

Making a Bluetooth Connection between the TSC2 with Survey Controller and a 5800/R Series Receiver

Start the Survey Controller software.



Tap on Configuration.



TSC2SS10A05076	
<u>File Z</u> oom <u>T</u> ools <u>H</u> elp	
🎢 Job: 010506 🛛 🛞 📰 📢	4:07 🐟
Controller Eeature and attribute libraries Survey styles Directory Options About Trimble Survey Controller	P 80%
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Superv Core Instrument	F <u>a</u> vorites
Zarvey Zogo instrament	S <u>w</u> itch to
Exit	Enter

Tap on Controller.



Tap on Bluetooth.



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<u>File Z</u> oom <u>T</u> ools <u>H</u> elp	
🎥 Bluetooth	💿 💭 🕂 📢 4:10 🛛 🔞
Connect to GPS receiver:	80%
None 🔻	
Connect to modem:	
None 🔻	
Connect to laser:	
None 🔻	
Send ASCII data to:	<u>M</u> ap
None 🔻	M <u>e</u> nu
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Esc	

Tap on the Config softkey.



If this is the first time that you are trying to established a Bluetooth connection between the TSC2 and the R Series/5800 receiver you will need to turn on the Bluetooth in the data collector.

Tap on the check box for Turn on Bluetooth.



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🎥 Settings	🛞 🗱 ┥€ 4:15 🛛 🐽
Bluetooth	
Turn on Bluetooth	coverable to other
Mode Devices COM Ports	
	™

Do not put a check in the box for Make this device discoverable to other devices unless you are going to have other devices connect to the data collector for other purposes.

Tap on the Device tab at the bottom of the screen.

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🏄 Settings 🛛 🛞 🖡	🕈 📢 🖾 🛛 ok	
Bluetooth		
Tap New Partnership to scan for other Bluetooth devices. Tap on a device to modify its settings.		
New Partnership		
Mode Devices COM Ports		

Make sure that you have a battery in your R Series/5800 receiver and turn it on.

Once you have confirmed that your R Series/5800 receiver is on, tap on New.



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🐴 Settings	🛞 🗱 🕂 🖾
Select a Bluetooth Device	0
Scanning for Bluetooth Devices	
	Refresh
Cancel 🔤	Next

The TSC2 is searching for available Bluetooth devices.



Once it has found your receiver you will see it listed in the Add a Device screen. Verify that this is the correct device by looking at the serial number on the bottom of the receiver and comparing it to the serial number on the screen of the TSC2.

Once you have verified the SN is correct tap on the receiver serial number to highlight it.



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📌 Settings	🝥 🗱 🕂 🖾
Select a Bluetooth Device	0
Select a device to connect with and tap Next.	
	Refresh
Cancel 🚟	Next

Tap on the Next button.



We are now asked to enter a Passkey. Certain Bluetooth devices require a Passkey (typically a 4 digit number) to establish a connection. **The R Series/5800 receiver does not require a passkey**.

Tap on the Next button.



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<u>File Z</u> oom <u>T</u> ools <u>H</u> elp		
🕂 Settings	📼 🦛 😂 🎯	
Partnership Settings	0	
Display Name: R8	-2, 4629118808: Tri	
Select services to use from this device.		
Serial Port		
	Refresh	
Back	🕮 Finish	

You are asked to enter a name for the device. You can customize this name or leave it at the default.

Tap the check box for Serial Port.

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📌 Settings	🔊 🗰 🐳 🙆
Partnership Settings	0
Display Name: R8-2, 46	i29118808: Tri
Select services to use from this dev	ice.
Serial Port	
	Refresh
Back 🚟	Finish

Tap Finish.



TSC2SS10A05076		
<u>File Z</u> oom <u>T</u> ools <u>H</u> elp		
🎥 Settings		
Bluetooth		
To add a new device, tap New. Tap and hold an existing device for more options. New R8, 4524151898: Trimble		
Mode Devices COM Ports		
	▲	

We have successfully established a Bluetooth connection between the data collector and the R Series/5800 receiver.

Tap OK at the top right of the screen.

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Conne	ect to GPS receiver:	_		80%
None	•	•		
Conne	ect to modem:			
None	• •	•		
Conne	ect to laser:			
None	•	-		
Send	ASCII data to:			<u>M</u> ap
None	•	-		M <u>e</u> nu
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				S <u>w</u> itch to
Esc		[Config	Accept

Connect to GPS receiver: Tap on the drop down list to select the receiver you want to connect to using Bluetooth.



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Connect to GPS receiver: R8, 4524151898: Trimble None	80%
R8, 4524151898: Trimble Connect to laser:	
None Send ASCII data to:	Map
None 🔻	M <u>e</u> nu
	F <u>a</u> vorites
	S <u>w</u> itch to
Esc	Config Accept

Select the receiver from the drop down list.



No other Bluetooth connections are needed.

Tap on the Accept softkey.





If you notice in the status bar (right hand side of Survey Controller) we do not see any connection to the receiver. Be patient it will take a few moments for the connection to be established. Once the connection has been established you will see information in the status bar area of Survey Controller.



We have successfully made a Bluetooth connection between the data collector and the receiver.

Exit out of Survey Controller.

Turn off the receiver.