Bluetooth Installation Manual





Bluetooth Installation and Connection with Logger

Installation Procedure for Bluetooth for different Window's System.

Sections:

- 1. Window Xp
- 2. Window 7
- 3. Window 8
- 4. Window 10
- 1. Window Xp:
- a. Right click on Bluetooth icon in icon menu.



Fig. a : Bluetooth Menu

b. Click on Add a Bluetooth Device. It will start to search the device. After searching gets completed, Select the Rishabh Bluetooth Meter and click on NEXT.



Fig. b: Add Bluetooth Device Wizard

c. After clicking NEXT, we have to enter pass key for device being get paired. The pass key is "0000".

Add Bluetooth Device Wizard	\mathbf{X}
Do you need a passkey to add your device?	*
To answer this question, refer to the "Bluetooth" section of the documentation that carr your device. If the documentation specifies a passkey, use that one.	ne with
Choose a passkey for me	
O Use the passkey found in the documentation:	
Let me choose my own passkey:	
O Don't use a passkey We recommend using a 8 to 16 digits long.	a passkey tha
You should always use a <u>passkey</u> , unless your devided to up recommend using a passkey that is 8 to 16 digits long. The longer the passkey, the more secure it will be.	
< Back Next >	Cancel

Fig. c: Passkey Enter

d. After pass key has been entered, click on NEXT button. Now it will install driver and generate the COM port as show in fig.



Fig. d: Com port

e. After com port is generated, we have to disable the Incoming port because outgoing com port is required for data logger software. Diabling of com port can be done through device manager as show in fig. e. After disabling the com port is shown in fig f.



Fig. e: Device Manager



Fig. f: Incoming com port disabled

f. After com port disabled, open Rishabh DataLogger Software.

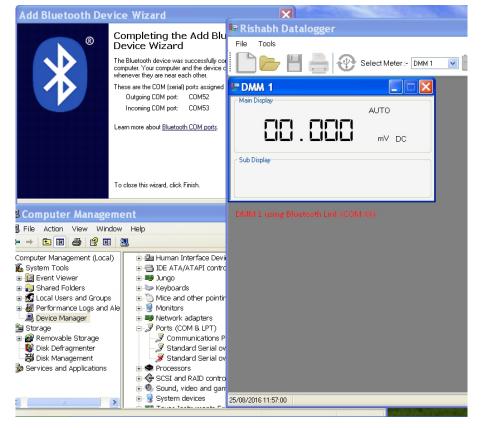
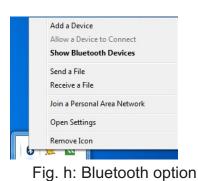


Fig. g: DataLogger Software

- 2. Window 7
- a. Right click on Bluetooth icon.

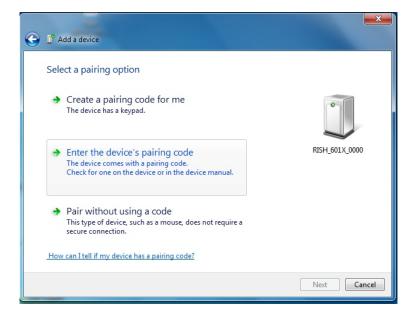


b. Click on Add a Device. It will start the search of Bluetooth device. Select the appropriate device from the list.

G	[Add a de	vice				
	Select a d	evice to add to th	nis computer			
	Windows wi	Il continue to look for	new devices and display th	nem here.		_
	Ũ	RISH_601X_0000 Bluetooth Other	Ĵ	HC-05 Bluetooth Other		
		CASCADEMIC_8423 Bluetooth Other	Category: Other Discovery method:	TRIELELAP-005 Bluetooth Laptop computer		
	<u>What if Wind</u>	dows doesn't find my	device?			
					Next Car	ncel

Fig. i: Device Search List

c. Select the Device and Click on NEXT. It will ask for select a pairing option.





d. Select ENTER THE DEVICE'S PAIRING CODE & enter the pass key "0000".

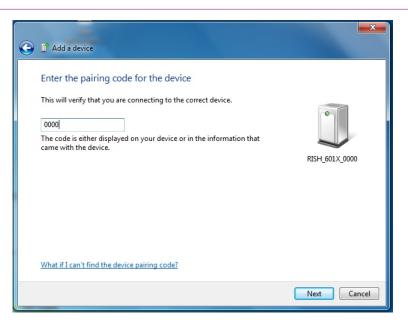


Fig. k: Pairing Code

e. After clicking on NEXT, it will add the device.





f. Click on CLOSE. Now again click on Bluetooth icon and then click on "Open Setting" (Refer fig.h). Click on COM PORT. Select the Incoming Port and the Click on "REMOVE".

8	Blueto	oth Sett	ings				×
ſ	Options	COM Po	rts	Hardware			
	detern	nine whe	the		OM (serial) ports listed b a COM port, read the do th device.		
	Port		Dire	ection	Name		
	CON		Out	going	RISH_601X_0000 'SerialP	'ort'	
	COM	112	Inc	oming	RISH_601X_0000		
					Add	Remove	
	Choos	e a CON	1 po	t for a Blu	etooth enabled device.		
					OK Can	cel Ar	oply

Fig. m: Remove Incoming port

g. After Removing Incoming port, you will only see outgoing port. Now open the Rishabh Datalogger Software, when you click on scan[®] to find the meter.

	Interval :- 250 m			0000				_ 0 ×
File Name Function Time Total Readings	Record with	25-08-2016 15:15 25-08-2016 15:15 Average 0.000 mV	t Name: 54 Maximum 0 mV	Test Purpo		25 August 2	_	change E
	SrNo Da		Primary Primary Function Readin	v Primary ngs Range	Secondary Function	Secondary Readings	Secondary Range	•
	5 25-	08-2016 15:15:55	mV DC 00.000					
	6 25-	08-2016 15:15:55	mV DC 00.000	60 mV				
	7 25-	08-2016 15:15:55	mV DC 00.000	60 mV				
	7 25-	08-2016 15:15:55	mV DC 00.000	60 mV				
	8 25-	08-2016 15:15:55	mV DC 00.000	60 mV				
		08-2016 15:15:56	mV DC 00.000					_
•	1 10 05	10 2010 III	1/DC 00.000	C0 1/		1	I	•
25-08-2016 03:15:20								



3. Window 8

a. Right click on Bluetooth icon & click on Add a bluetooth device or open PC and devices and select Bluetooth in it.

Add a Bluetooth Device
Allow a Device to Connect
Show Bluetooth Devices
Send a File
Receive a File
Join a Personal Area Network
Open Settings
Remove Icon

Fig. o: Bluetooth Menu

b. After opening PC and device, it will start the search for device. Click the device which is required to be added and then click on PAIR.

$igodoldsymbol{igodoldsymbol{eta}}$ PC and devices	On Your PC is searching for and can be discovered by Bluetooth device	es.
Lock screen	Galaxy S4 Paired	
Display	Cogitech X100 Driver error	
Bluetooth	Paired	
Devices	Pooja	
Mouse and touchpad	Paired	
Typing	Driver error	
Corners and edges	Redmi Paired	
Power and sleep	TRIMKTLAP-001 Paired	
AutoPlay	XOLO Q700S Paired	
Disk space PC info	Desktop PC Ready to pair	
	RISH_601X_0000 Ready to pair	
	Pair	



c. It will start to add the device. After Completion, close the PC and Device. Again right click on Bluetooth icon and select OPEN SETTING (Refer fig. o). Now we have to remove incoming port under COM PORT option as shown in fig. q

8		В	luetoot	h Settings		×
Options	COM Ports	Hardware	e Share	PIM Interface	2	
wheth		a COM p			. To determine ation that came	
Port	Dir	ection	Name			
CON	18 Inc	oming	RISH_60	1X_0000		
CON	19 Ou	tgoing	RISH_60	1X_0000 'Seria	IPort'	
T	nere shoul	d be no	incomir	ng port	Remove	
				OK		ιplγ

Fig. q: COM PORT setup

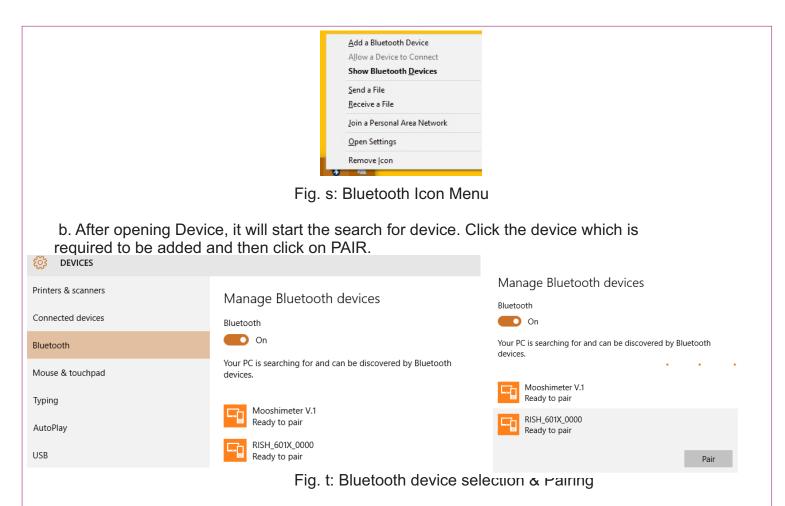
d. After removing Incoming Port, click OK and close the Bluetooth setting. Now open the Rishabh DataLogger Software.

File Tools					gger - [Single DMM	,					_
		elect Meter :- DMM 1	V III Interva	:- 250 ms 🗸	l ⊈ ! ₽ I⊗	6000	10				_
Files Detai					D (N			Date:	26 August	2016	
File Name Fu	nction Time ode 07:15:55	Total Readings		ISHABH	-				0		change
	006 07.10.00	50		STRUMENTS Record with a Difference							chunge
							Test Purp	ose:			
			Start	Time 26-08-	2016 07:16:02						
			Stop	Time							
			Total Re	adings							
			Minir	num A	verage M	aximum					
			0	7 O.	.0000 V	0 V					
8 ⊒	DMM 1	- • ×	Tabular	Representation	. _						
Main Display	ו ההההה	MAN →	SrN	-	Time Primary Function	Primary Readings	Primary Range	Secondary Function	Secondary Readings	Secondary Range	^
Main Display				-	Time Primary			Secondary Function		Secondary Range	^
Main Display	1.0000		SrN	o Date	Time Primary Function	Readings	Range	Secondary Function		Secondary Range	
Main Display	1.0000		Srlv 8	Date 26-08-2016	Time Primary Function 07:16:03 Diode	Readings 0.0000	Range 6 V	Secondary Function		Secondary Range	
Main Display	1.0000		SrN 8 9 10 11	Date 26-08-2016 26-08-2016 26-08-2016 26-08-2016	Time Primary Function 07:16:03 Diode 07:16:04 Diode 07:16:04 Diode 07:16:04 Diode	Readings 0.0000 0.0000 0.0000 0.0000 0.0000	Range 6 V 6 V 6 V 6 V 6 V 6 V	Secondary Function		Secondary Range	
Main Display	1.0000		SrN 8 9 10 11 12	Date 26-08-2016 26-08-2016 26-08-2016 26-08-2016 26-08-2016 26-08-2016	Time Primary Function 07:16:03 Diode 07:16:04 Diode 07:16:04 Diode 07:16:04 Diode 07:16:04 Diode	Readings 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Range 6 V 6 V 6 V 6 V 6 V 6 V 6 V 6 V	Secondary Function		Secondary Range	
Main Display	1.0000		SrN 8 9 10 11	Date 26-08-2016 26-08-2016 26-08-2016 26-08-2016	Time Primary Function 07:16:03 Diode 07:16:04 Diode 07:16:04 Diode 07:16:04 Diode	Readings 0.0000 0.0000 0.0000 0.0000 0.0000	Range 6 V 6 V 6 V 6 V 6 V 6 V	Secondary Function		Secondary Range	

Fig. r: DataLogger Software

4. Window 10

a. Right click on Bluetooth icon & click on Add a bluetooth device or open Devices and select Bluetooth in it



c. It will start to add the device. After Completion, close Devices. Again right click on Bluetooth icon and select OPEN SETTING (Refer fig. s). Now we have to remove incoming port under COM PORT option as shown in fig. u

Blue	ooth Setting			
wheth		e COM (s a COM p	erial) ports listed below. To determine ort, read the documentation that came	
Port	Dir	ection	Name	
CON	15 Inc	oming	RISH_601X_0000	1
CON	16 Ou	tgoing	RISH_601X_0000 'SerialPort'	
Re	moving Ir	coming	port	
			Add Remove	J
			OK Cancel Apply	

Fig. u: Remove Incoming port

d. After removing Incoming Port, click OK and close the Bluetooth setting. Now open the Rishabh DataLogger Software.

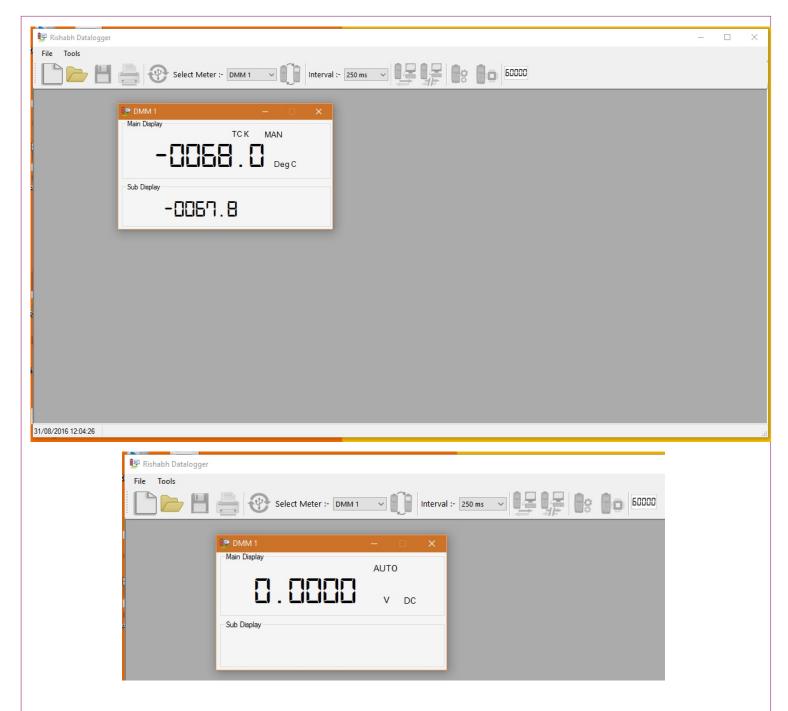


Fig. v: Rishabh Datalogger Software