

J2 Wave Bluetooth Setup

User Manual



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Turning on the Bluetooth Connection



1: Enable the Bluetooth Connection by following the steps "Start" > "Settings" > "Control Panel" > "Bluetooth Device".

2: Select "Config" tab In the "Bluetooth Manager " dialog box.

3: Press "Turn Bluetooth ON" button to "Turn Bluetooth Off" to enable the Bluetooth connection.

Scanning Bluetooth Devices

We can scan the devices in a area and active their services in a "Bluetooth Manger" dialog by selecting "Start" > "Settings" > "Control Panel" > "Bluetooth Device".

10010000	Manager		? OK	×
Scan Device	Config			
Device:				
o‰ JIMTUN o‰ JAMESV o⊸Nokia 63	G1 (00224 VU5 (001d 300 (0019	3a03ea8) 60c49bba) b7a7c407)		
Scan D Sevice:	evice	Add	Device	-

1: To turn on the Bluetooth Connection. (Chapter 3-2-1)

2: Select "Scan Device" tab in the "Bluetooth Manager dialog box".

3: Press "Scan Device" button to scan the surrounding Bluetooth devices.

4: Select a Bluetooth device you want listing in the "Device menu" and press "Add Device" button.

Note: Please refer to Programming Interface of Bluetooth for more information.

Paring a Bluetooth Printer Device

In Bluetooth, you have the option to "pair" two devices. When you pair with a Bluetooth device, this device will be "remembered" that means you need not search for the device again when you want to use the device next time.

Bluetooth Manager 🛛 💽 🔀	Bluetooth Manager 🛛 ? OK 🗙	Bluetooth Manager 🛛 🕜 🔀
Scan Device Config	Scan Device Config	Scan Device Config
Device:	Device:	Device:
0‰JAMESWU5 (001d60c49bba) 0‰Unnamed (00192ddc30ac) 0‰JIMTUNG1 (002243a03ea8) 0‰EUKHAN (00197b518217) 0~=BERYLCHEN-TEST (00030d00639c) Scan Device Add Device Sevice: ●PRINTER ● ASYINC	Oth JAMESWU5 (001460c49bba) Oth Unnamed (00192ddc303ec) Oth UNAGI (002243a03ea8) Oth UUKHAN (00137b518217) O-BERYLCHEN-TEST (00030d00639c) Electooth Manager Do you need to authenticate the device? Do you need to authenticate the device? Se Yes No Cancel PRINTER O ASYNC	O%_JAMESWU5 (001d60c49bba) O%_Urnamed (00192ddc300ec) O%_JIMTUNG1 (0022d3a03ea8) O%_LUKHAN (00137b518217) O=BERYLCHEN-TEST (00030d00639c) Bluetooth Scan Scan Sevice: OK Cancel PRINTER *ASYNC
Active Service	Active Service	Active Service
灯 🚷 Bluetooth Ma 🔌 12:56 AM 🏓 🖷	🐉 🔇 Bluetooth Ma 🏨 12:58 ΔΜ 🏴 😤	🐉 🚯 Bluetooth Ma 🗼 12:59 ΔΜ 🏓 😤

1: Select a Bluetooth printer device you want on the Device list after tapping on the "Scan Devices" button.

- 2: Press "Add Device" button. A "Bluetooth Manager" dialog box will pop up.
- 3: Press "Yes" button to authenticate (pair) the mobile system and the printer device.
- 4: A PIN code is request when paring to a printer device.
- 5: Enter the pin code to complete the authentication.

Active Printer Service

Bluetooth Manager 🛛 💽 🛛 🔀	Bluetooth Manager 🔹 OK 🔀
Scan Device Config	Scan Device Config
Device:	Device:
0%JAMESWU5 (001d60c49bba) 0%Unnamed (00192ddc30ec) 0%JIMTUNG1 (002243a03ea8) 0~sLUKHAN (00137b518217) 0~sBERYLCHEN-TEST (00030d00639c)	0%JAMESWU5 (001d60c49bba) 0%JUnnamed (00192ddc30ec) 0%JIMTUNG1 (002243a03ea8) 0⇒LUKHAN (00137b518217) 0⇒BERYLCHEN-TEST (00030d00639c)
Scan Device Delete Device Sevice:	Serial Port Setting
Active Service	Active Service

1: Tapping on the Bluetooth Printer device you want and choose a service on the "Service" menu. The current example is selecting "Printer" service.

2: Press "Active Service" button to active the Printer service. A "Serial Port Setting" dialog box will appear.

3: Choose the COM port options in the drop down list you want.

4: Press "OK".

Pairing a Bluetooth enabled PC

When you pair with a Bluetooth device, this device will be "remembered" that means you need not search for the device again when you want to use the device next time.

Sluetooth Manager 🛛 🕜 🔀	Bluetooth Manager ? OK
Scan Device Config	Scan Device Config
Device:	Device:
0%-1AMESWU5 (001d60c49bba) 0%-JIMTUNG1 (002243a03ea8) 0%-BERYLCHEN-TEST (00030d00639c)	0% JAMESWU5 (001d60c49bba) 0% JIMTUNG1 (002243a03ea8) 0% BERYLCHEN-TEST (00030d00639c)
Scan Device Add Device Sevice: PRINTER DOBEX_FTP	Bluetooth Manager
BZCEEX_OPP ⊕ASYNC 3⊡PAN	B ² OBEX_OPP ⊕ASYNC III PAN
Active Service	Active Service

- 1: To turn on the Bluetooth Connection first, see Chapter 3-2-1.
- 2: Select a Bluetooth enabled PC device you want in the "Device" list.
- 3: Press "Add Device" button. A "Bluetooth Manager" dialog box will pop up.
- 4: Press "Yes" button to authenticate the Mobile System and the PC.

Bluetooth Manager 🛛 🕜 🔀 🔀		
Scan Device Config		
Device:		
0%JAMESWU5 (001d60c49bba) 0%JIMTUNG1 (002243a03ea8) 0%BERYLCHEN-TEST (00030d00639c) Bluetooth Enter PIN: Scan I		
	Enter Bluetooth Passkey	×
aguoeax_FIP B≇oeex_opp ⊕Async	A remote device needs a Bluetooth Passkey to create Paired relationship for future connections. Please use the same passkey on this device and on the remote device:	<u>Q</u> K <u>C</u> ancel
Esc 1 2 3 4 5 6 7 8 9 0 - = +	Remote Device: Handheld_POS	
Tabl Q W e r t y Control Panel	Address 00:06:6E:19:11:58	
Shift z x c v b n	Passkey:	
Ctilăŭ (*) (Desktop (Bluetooth Ma (12:18 PM ()	Time Left: 16 s	

1: A PIN Entry request will pop up on the 2 Bluetooth connecting devices for paring. **Note:** Here is an example screen captured from the IVT Bluetooth dongle and the pertaining AP installed on the PC.

1: Enter the same pin code on both sides.

Bluetooth Manager 🛛 💽 🛛 🔀
Scan Device Config
Device:
0%=JAMESWU5 (001d60c49bba) 0%=JIMTUNG1 (002243a03ea8) 0~=BERYLCHEN-TEST (00030d00639c)
Scan Device Delete Device Service:
PRINTER DOBEX_FTP PROBEX_OPP COASYNC PAN
Active Service

1: Select service at "Service" menu you want. Here we choose "ASYNC" service. 2: Press "Active Service" button.

Installing the Microsoft ActiveSync

To synchronize the Mobile System with a PC, we need to install the Microsoft ActiveSync Program on the PC. Please refer the detail installation procedures to the Microsoft official website.

Check the Assigned Bluetooth Serial Com Port

Check to see what the Bluetooth serial port is assigned. The COM port is assigned according to the Bluetooth Device you use. It is only checked for the first time.

The following Bluetooth Settings window is captured by IVT Bluetooth dongle and the pertaining AP. The screen various according to the AP you install.



1: Open the Bluetooth AP and check the COM Port that is assigned.

2: Select the "View" > "Service" menu on the toolbar of IVT AP. We will see the assigned Serial Port. In this case, it is mapped to COM7 or COM8. We will need the assigned COM Port to set up for the Microsoft ActiveSync Program. The setting only happens in the first time.

Setup COM Port in the ActiveSync Program

The COM port is only setup for the first time.

Nicrosoft ActiveSync	O Connection Settings
File View Tools Help Synchronize Stop Options	Waiting for device to connect
Mobile Device Explore Delete Partnership Get Connected Connection Settings Close	Show status (con in taskbar Allow USB connections Allow cognections to one of the following: COM7 This computer is connected to: Automatic
	Ogen ActiveSync when my device connects Allow wireless connection on device when connected to the desktop Help OK Cancel

1: Open the Microsoft ActiveSync Program on your PC.

2: Choose "File" > "Connection Settings" menu on the toolbar. A "Connections Settings" dialog box will appear.

3: Enable the "Allow connections to one of the following" check box and select the COM Port options. In this case we choose COM 7.

4: Press "OK" button to save the connection settings.

Connecting the Mobile System to the Bluetooth enabled PC

File Edit View Go	₩? ×	Bluetooth Manager 🛛 🛛 🛛 🗙
		Scan Device Config Device:
DCIM PSCJEXE WINCEBIU		0%JAMESWU5 (001d60c49bba) 0%JIMTUNG1 (002243a03ea8) 0~BERYLCHEN-TEST (00030d00639c)
Type the name of a program, folde or document, and Windows will op it for you. Open:	ar, en	Bluetooth Status Opening Port Hide this message: Hide Se Cancel connection: Cancel
Browse OK		BOGEX_FTP B#OGEX_OPP @ASYNC @PAN
Esc 1 2 3 4 5 6 7 8 9 0 Table Q wert t y ion ion ion ion ion CAP a s d f g h j k 1 Shift z x c v h n j k 1 Cttl au i i i i i i i	- = ♥ p[] ; •]/ ← ↑ ← →	Deactive Service
😽 🗢 Storage Card 🛛 🎄 12:23 PM	i 🔁	

1: Click "Start" > "Run" to run "repllog" in the text box.

2: Press "OK" button. A "Bluetooth Status" dialog box will pop up. Press "Hide" to hide the message.

3: After running the "repllog", the Mobile System connects to the PC automatically and a "New Partnership" is requested to set up for the first time.

New Partnership	X
	Set Up a Partnership
	Before you can synchronize information between your mobile device and this computer, you must set up a partnership between them. Would you like to set up a partnership?
	< <u>Back</u> Next > Cancel Help

1:Press "Next" button.

artnership		
ect Synchronization Select the type of infor	I Settings mation you want to synchronize.	é
To synchronize a partic synchronization of that	ular type of information, select its check box. information, clear its check box.	To stop
Mobile Device	Desktop Computer	
🔲 🕺 Files	Synchronized Files	
To find out more about on that information type	t and to customize what gets synchronized, c e in the list and then click Settings.	lick <u>S</u> ettings
en man mennanen yp		

- 1: A "Select Synchronization Settings" window will appear.
- 2: Press "Setting" for your own setting inquiry.
 3: Press "Next" button to the "Setup Complete Window".

New Partnership	
	Setup Complete
	You are now ready to start exchanging information between your mobile device and this computer. Upon exiting this wizard, Microsoft ActiveSync will open and: If your device is a guest, click Explore on the toolbar and start exploining your device. If your device has a partnership, synchronization starts. Please wait until synchronization is complete before using your device. Click Finish to exit this wizard.
	Kack Finish Cancel Help

1: To press "Finish" button to complete the setup procedure.

Disconnecting the PC

luetooth Manager	🥐 💽
Scan Device Config	
Device:	
0% JAMESWU5 (001d60c49bb	a)
0% JIMTUNG1 (002243a03ea8)
P=BERYLCHEN-TEST (000300	00639C)
Scan Device Dele	te Device
Juli Dene	to borneo
Sevice:	
PRINTER	
CBEX_FTP	
B≇OBEX_OPP	
(ASYNC	
2 PAN	
Deactive Corvic	
Deactive Servic	
😗 🚯 Bluetooth Ma 🎿 12	2:20 PM 🗭 🕈

1: Go to "Start" > "Settings" > "Control Panel" > "Bluetooth Device" on the Mobile System.

2: Press "Deactivate Service" button to disable the service and disconnect the PC.

Bluetooth File Transfer (FTP)

To transfer files from a PC to the Mobile System, please turn on the Bluetooth connection and scanning the Bluetooth enabled PC

In this case, we use IVT Bluetooth Dongle and the pertaining AP as an example. The screen various according to the AP you install.



1: Enabling the Bluetooth connection.

2: Scanning the destination PC.

3: Press "Bluetooth File Transfer Service" on the IVT Bluetooth AP. A "Remote Shared Folder" window will appear.

4: Put files on it by performing copy-and-past.

2 Remot	e Shared Folder	(Device Nan	ne: Han	dheld	
File Edit	View Go				
Back	Porward Up	Stop Re	afresh	Сору	Paste
Address	h				
Name					
VGA_B	10 stf				
	Execute				
	Delete				
	Сору				

1: Right Click on the file and press "Execute" to transfer the file to your system.

File Edit View Go **№?** × File Edit View Go **₩?** × 4 4 🖗 🦻 🗙 🛃 🔤 🕶 **é**. 0 K 🕗 🔚 My Device -3 Application BackupDisk Documents Data and Settings Application Backu Disk Documents and Settings **Folder Options** OK 2 **Advanced Settings** Program Files My Documents Network Do not show hidden files and folders Dd Hide protected operating system files (Recommended) D -Windows CE Storage Ca Temp Windows Sto Hide file extensions Internet Explorer CE v5.00 (Build 1400 on Apr 22 2 P 1 Control system.cfg Panel.Ink 4edia Player **B** regedit 캵 🚺 My Device 12:13 PM 🏓 🔁 27 🁞 2:02 PM 🏓 🔁 **Folder** Options 12:12 PM 🗭 🚍

Access the files on the Mobile System

- 1: To Select "My Device" icon on Today Screen.
- 2: Click "View" > "Options" on the toolbar.
- 3: To disable the 3 check boxes on the "Folder Options" dialog box.
- 4: You will see the "Temp" folder appears on the "My Device" Window.

File Edit View Go	₩?	×
: 🔹 🔹 🏂 🗙 🖬 🖬 🗸		
Ftn		
<u></u>		
🐉 🗁 Temp 🛛 🏨 3::	24 AM 🗭	

1: If the file transfer is successful it will create a "FTP" folder in the Temp Folder automatically. All the transferring files are put in the folder.