

USER MANUAL Bluetooth Interface

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is con-nected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Compliance Information

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received. Including interference that may cause undesired operation.

CAUTION : Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



FCC RF EXPOSURE INFORMATION

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.



Operating Requirements

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antennas or transmitters. Please maintain 20 cm separation distance from the antenna to meet FCC RF exposure compliance requirements.

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1. Manual Information

This Bluetooth Connection Manual provides information on the connection of Bluetooth enabled devices (PDAs, PCs, etc.) with the printer (IFX-BT).

2. Precautions

- (1) To connect the printer with another device via Bluetooth, the devices must be within 100m of one another. The connection is broken if the distance between devices exceeds 100m.
- (2) The maximum separating distance may be shortened if transmission obstacles, such as cement walls, are present.
- (3) If a device (such as a microwave oven, wireless LAN, etc.) that uses the same frequency is present, transmission may be interrupted. Separate the printer and Bluetooth-enabled device from such interrupting devices by a distance of at least 5m.

Interface	Printer	Adapter	Interface Card
IFA-BT	SRP-270 SRP-280 SRP-350 SRP-370 SRP-372 SRP-350plus	IF-BT	IFA-BT
IFC-BT	SRP-275 SRP-500	IF-BT	IFC-BT

3. Bluetooth Interface for each Printer

Model	Communication Method	Adapter	Cable	Power
IFM-BT	USB	IF-BT	USB Cable	Not Used

4. Bluetooth Interface Card

5. Product Feature

(1) Difference between IFA-BT and IFC-BT.

The difference is Connector shape.



(2) Configuration Tool

With using "BlueWin.exe", configuration can be easy.

(3) Detail Information of Interface.

Feature	Implementation
Bluetooth Core version	V2.0
Chipset	CSR BC04-ROM
Frequency	2.400~2.4835 GHz (79 Channel)
Range (Open load)	Max 100 m (Class 1)
modulation	GFSK
TX Power	12dBm
Network Support	Simultaneous printing = N:1 (max = 8)
Printer Profile Support	SPP (Serial Port Profile)
Rx/Tx Buffer	Rx / Tx Buffer : 4K
Flow control (RS-232C or UART)	Hardware(RTS/CTS)
Serial communication speed (bps)	19200, 57600, 115200 (reference*)
Interface Port	USB, Serial
Virtual Port Support	Virtual Com driver Support
Size (W x L x H)(mm)	70 x 45 x 11

* Reference

- SRP-350 : 57600 bps (MAX)
- SRP-350plus / 370 / 372 : 115200bps (MAX)
- SRP-275 / 270 / 280 / 500 : 19200bps (MAX)

6. PC to Printer Connection

- (1) Printer(Interface) configuration
 - 1) Connect Bluetooth Adapter to PC. (reference : 7 Page)



- 2) Configure Bluetooth Adapter using Utility. (reference : 10 Page)Printer model, Connection mode, Device name, PIN Code.
- 3) Separate Bluetooth Adapter from PC.
- 4) Connect Bluetooth Adapter to Printer.



- 5) Check the LED of Bluetooth Adapter.
 - LED ON : Power ON
 - LED blinking (1 second intervals) : connection successfully

* PC(POS), Printer connection structure



7. Install CP210x USB to UART Bridge Controller

- (1) Execute "CP210x_VCP_Win2K_XP_S2K3.exe".
- (2) Click "Next".



(3) Choose "I accept the terms of the license agreement" and click "Next".



(4) Click "Next".

Silicon Laboratories CP210x VCP Dr	ivers for Windows 2000/XP 🗙
Choose Destination Location Select folder where setup will install files.	No.
n ne ar fei ister all in dell'Elisten de la cale a 2004 e 1997. 2 in dit el Californi, indre se anom in Californi	Server Avistanter 2008 AF 12000 Anno 200 Server Avistants the Tollowing, földer. Triestal Ho, thistolder Sicker Brinstal H another folder.
Browse	Destination Folder c:\SiLabs\MCU InstallShield
< <u>B</u> ack <u>Next</u> Cancel	

(5) Click "Install".

Silicon Laboratories CP210x VCP Drivers for Windows 2000/XP 🔯
Ready to Install the Program The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield

(6) Check "Launch the CP210x VCP Driver Installer" and click "Finish".



(7) Click "Install" and restart PC when Install is complete.

🚜 Silicon Laboratories CP210x USB to UART Bridge Driver Installer			
%	Silicon Laboratories Silicon Laboratories CP210x USB to UART Bridge	9	
Install	ation Location:	Driver Version 5,1	
C:#	/Program Files₩Silabs₩MCU₩CP210x₩		
CH	nange Install Location,	Cancel	

8. Bluetooth Interface card Configuring

(1) Execute "BlueWin.exe" and click "Set COM Port".

th Configuration Tool V1.0	×
Set COM Port	
Device Configuration	
Exit	
	th Configuration Tool VI.U Set COM Port Device Configuration Exit

(2) Confirm Virtual Port(COMX) in Device Manager and choose the Port.

Ex) In the case, Virtual Port is confirmed as COM3.

[Note]

Device Manager > Ports(COM / LPT) > Silicon Labs CP210x USB to UART Bridge(COM3)

Set Com Port	
Select the RS2 Select	32 port of PC
Port :	СОМЗ
Baud Rate :	1200 🔽
ОК	Cancel

(3) Click "Device Configuration".

Bluetooth Configuration Tool VI.0	×
Set COM Port	1
Device Configuration	
Exit	

(4) Change the configuration and click "OK".

Bluetooth Configuration Dialog	
Default Information	Device Information
Firmware Version: 3.0	Device Name : IF-BT
Bluetooth Address: 00189A10E864	PIN Code(Pass Key) : 0000
Product Selection Authenticat	LE Connection Mode
SRP - 350 Plus / 370 / 372 C DISAB	LE O MODE1 O MODE2 O MODE3
ОК	Cancel

- 1) Device Name: Enter the bluetooth device name for searching.
- 2) PIN Code(Pass Key) : Enter PIN Code to use for connection.(Default : 0000)
- 3) Product Selection : Select Product to use
- 4) Authentication
 - ① ENABLE : connection to a device can be done with PIN Code.
 - ② DISABLE : connection to a device can be done without a PIN Code.
- 5) Connection Mode
 - ① MODE1 : Connection possible only with the recently paired device.(Search possible)
 - MODE2 : Connection with all Bluetooth enabled devices possible via use of a PIN Code. (Search possible)
 - ③ MODE3 : Connection possible only with the recently paired device.(Search impossible)
- (5) Confirm the baud rate.

Message			
The product's DIP SWITCH should be changed to 115200 bps			
ОК			
		1	

9. Bluetooth TEST

(1) General Sequence for Bluetooth Connections

Bluetooth connection methods vary by device. The following is the general sequence for Bluetooth connections, provided for reference purposes.

- Turn on power of each device.
 PDAs, PCs (Bluetooth Dongle), printers, etc.
- 2) Run a Bluetooth connection program on the PDA or PC.
- 3) Search for the peripheral with which to establish the connection.Search for the printer.
- 4) Register this Printer (IFX-BT) from the search results.
 If a security setting is enabled, register after entering the PIN Code. (PIN Code=Pass Key: password of the Bluetooth device)
- 5) Test the connection.
- When connected, confirm the designated COM port of fixed COM port and print.
- (2) Bluetooth Connection Instructions

This manual focuses on the use of the following devices. Please use this manual as a guide when using devices other than those listed here.

- Intermec PDA (Device: CN2B, OS: Pocket PC 4.20.0)
- SYMBOL PDA (Device: SYMBOL MC70, OS: Windows Mobile 5.0)
- HP PDA (Device: iPAQ hx2700, OS: Windows Mobile 5.1.1702)
- Mobile Compia PDA (Device: M3, OS: WinCE 5.0)
- InnoTeletek PDA (Device: MC3000, OS: WinCE 4.2)
- Bluetooth Dongle (BlueSoleil IVT Stack, Widcomm Stack, Toshiba Stack)

After turning on the power of all Bluetooth devices, perform the connection process.

- PDA, PC (Bluetooth Dongle), printers (IFA-BT), etc.

(3) Connecting with an Intermec PDA (DEVICE: CN2B, OS: Pocket PC 4.20.0)

1) Click the 🌆 icon. .



2) Click "Settings.



3) Click "Connections".



4) Click the "Bluetooth" icon.



5) Click to check the "On" option.



6) Click the "Wireless Printing" menu bar



7) Click the "Device Discovery" button.

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🎊 s	ettings		↓ ↓ € 9:32 ●
Blue	tooth		
Devid	tes		
			Device Discovery
			Clear Devices
			Connect
Conn	ected		
			Properties
			Disconnect
Mode	Wireless	Printing	File Transfer A
			E

8) Select Devices of the IFX-BT,

and click the "Connect" button.

<u>F</u> ile	
🎥 Settings	🗱 📢 2:51 🛛 🐽
Bluetooth	
Devices	
IFA-BT (00189a0183a1)	Device Discovery
	Clear Devices
	Connect
Connected	
	Properties
	Disconnect
Mode Wireless Printing File	Transfer A
	≡ ^

9) Select the COM port to be used.

<u>F</u> ile			
87	Settings	😂 🗱 📢 2:53	ø
Blue	tooth		
IFA	-BT (00189a018	3a1)	
	Choose C	COM Port ——	1
	0 сом4	O COM7	
	О сом5	🔾 сомв	
	● COM6	🔾 сомя	
	Enable Wirele	ess Printing	
	Printer is not en	abled	
	Print To	est Page	
			≃ ≊

11) Click the "OK" button.



10) Check the "Enable Wireless Printing" and "Default" checkboxes, and click the "Printer Test Page" button.

<u>F</u> ile			
<i>8</i> 7	Settings	# ◀€ 2:54	ø
Blue	tooth		
IFA	-BT (00189a018	33a1)	
	Choose	COM Port —	
	0 сом4	O COM7	
	() сом5	() сомв	
	COM6	О сомя	
	Enable Wirel Default Printer is enable	ess Printing ed on COM6	
	Print T	est Page	
		l	≊ ^
		I	≝ ^

12) The PIN Code(Device PIN)

window appears (if the security function is enabled)



13) Input the PIN Code(Device PIN)

and click "Next". (Default code: 0000)

<u>F</u> ile			
🏂 Sta	rt	÷.	€ 2:56
Enter D	evice Blue	etooth PIN	0
Enter a Bluetooth PIN of your choice to bond with IFA-BT. The same PIN must be entered on both devices.			
Please c to learn	heck your d how to ans	levice's instru wer to PIN re	ction manual quests.
Device P	'IN:	****	
	Cancel	Back	Nevt
	Calicei		neac
123 1 2	345	6 7 8 9	
123 1 2 Tab q	345 wer	6789 tyui	0 - = ♦
123 1 2 Tab q CAP a	3 4 5 w e r s d f	6789 tyui ghjk	0 - = ← 0 p []
123 1 2 Tab 9 CAP a Shift z	3 4 5 w e r s d f x c v	6789 tyui ghjk	0 - = ● 0 p [] 1 ; , 1 ;
123 1 2 Tab 9 CAP a Shift z Ctl áü	345 wer sdf xcv	6789 tylui ghjk	$\begin{array}{c} \mathbf{D} \bullet \mathbf{p} \\ \mathbf{D} \bullet \mathbf{p} \\ \mathbf{D} \bullet \mathbf{p} \\ \mathbf{D} \\ $

 If after pressing the "Print Test Page" button, test printing is performed, the connection is complete.

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27	5ettings	att at € 2:59	•
Blue	tooth		
IFA	-BT (00189a018	33a1)	
	Choose	COM Port ——	
	0 сом4	O COM7	
	() сом5	🔿 сомв	
	COM6	🔾 сомя	
	✓ Enable Wirel	less Printing	
	🖌 Default	_	
	Printer is enable	d on COM6	
	Print T	est Page	
			≃ ^

5) Click "File".

<u>F</u> ile	<u>Z</u> oom	<u>T</u> ools	<u>H</u> elp		
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Favo	orites				
Select	a Favorite	or 'File->	New C	onnection'.	
File	/iew Tool	s 🚯 [•	8	- 12

6) Click "New Connection".

<u>F</u> ile	<u>Z</u> oom	<u>T</u> ools	<u>H</u> elp		
#	BTExplor	er	ः #•	€ 3:57	×
Favo	rites				
			_		
<u>N</u> ev	v Connec	tion			
Cor	nect				
Dis	connect				
Abo	out		>New Co	nnection'.	
File ¥	iew Tool	s 🔯	· · ·		- 12

7) Click "Associate Serial Port".



8) Click the "Next" button.



- 9) Click the List window for 2 seconds and the function folder appears.
- 10) Click "Refresh" ..

File Zoom Tools Help File Zoom Tools Help 📰 📢 4:15 -BTExplorer × BTExplorer 📰 📢 4:33 🛛 🗙 Select Remote Device Select Remote Device 🚯 All Devices 👻 Details -🚯 All Devices 👻 Details Click for Remote Device Name Devi 🔺 **Device Address** Remote Device ... 2 seconds. **Discover Devices Discover Names** _ <u>V</u>iew Delete All Devices ٠ 4 III **Delete Device** Select a xť. Select a Bluetooth device and click 'Next'. The list c Properties ar. The list can be filtered using the toolbar. Clicking a st Clicking and holding anywhere in the list shows ac **Refresh** shows additional capabilities. 🔶 Back 🗙 Cancel Next 🔶 🔶 Back 🗙 Cancel Next 🍁

11) Bluetooth devices in the proximity are discovered.



12) Select the Device Address of the IFX-BT, and click the "Next" button.



13) The Serial port is registered as COM9.

<u>F</u> ile
🏄 BTExplorer 🛛 🗱 📢 2:48 🗙
Connection Favorite Options
Associate Serial Port
Device Name : IFA-BT
Device Address : 00189A0183A1
COM Port : COM9:
Save As Favorite
Favorite Name : IFA-BT:COM9:
Click 'Next' to save this connection as a Favorite. You can also rename the Favorite by clicking on 'Favorite Name'.
💠 Back 🛛 🗹 Finish 🔹 Next 🔶 🔤 🗠

15) Click "Connect".

<u>F</u> ile		
🏄 BTExplo	rer 🛛 😂 📢	3:14 🗙
Favorites		
Favorite Name	•	Device Add
	<u>C</u> onnect D <u>i</u> sconnect	00189A018
	<u>R</u> ename <u>D</u> elete	
	Properties	
•		•
Unable to conn	ect to remote service.	
File View Too	ols 🚯 🎫 🔺	- E

14) Click the IFX-BT name for 2 seconds.

<u>F</u> ile	
A BTExplorer	₩ 4 € 3:02 ×
Favorites	
Favorite Name	Device Address
👼 IFA-BT:COM9:	00189A0183A1
▲ Ⅲ	•
Select a Favorite or 'File->N	ew Connection'.
File Yiew Tools 🔯 🔝	· · ·

16) The PIN Code window appears (if the security function is enabled)

<u>F</u> ile
ntexplorer and the second sec
PIN Code Request
Please enter PIN Code
Device Address : 00189A0183A1
Device Name : IFA-BT
PIN Code :
OK Cancel
File Yiew Tools 🔁 🗧 🔛 🔺 📖 🔺

17) Input the PIN Code and click "OK".

(Default PIN Code: 0000)

<u>F</u> ile
🏄 BTExplorer 🛛 😂 📢 2:55 ok
PIN Code Request
Please enter PIN Code
Device Address : 00189A0183A1
Device Name : IFA-BT
PIN Code ****
OK Cancel
File Yiew Tools 主 🗧 🔺 🥅 🔺

18) the connection is complete whenthe "Connection Successful" messageappears.

<u>F</u> ile	
A BTExplorer	💭 📢 3:04 🛛 🗙
Favorites	
Favorite Name	Device Address
👮 IFA-BT:COM9:	00189A0183A1
4	•
Connection Successful	
File View Tools 🚯 🔛	▲

(5) Connecting with an HP PDA (DEVICE: iPAQ hx2700, OS: Windows Mobile 5.1.1702)

- 1) To run Bluetooth, first click the
 - icon at the lower right of the screen.
- 2) Click the Bluetooth logo button to activate the Bluetooth function



- When activated, the Bluetooth button turns green. Click the "Manager" button to connect to the IFX-BT.
- 4) Click "New Connection".



📌 Blu	jetoot	h Mana	- #* •	({ 4:37	×
8 E	Slueto 1y Shori	oth touts			
	_			1	
My Shor	tcuts /	Active C	onnections		
Ne	w	l		Menu	

5) Click "Explore a Bluetooth device".

#	Connection Wiz 🧼 🗱 📢 4:38	
8	Bluetooth Connection Wizard	
A	Join a personal network Connect two or more Bluetooth devices to share files, collaborate or play multiplayer games.	•
F	Exchange business cards Send, retrieve or exchange business cards with one or more Bluetooth enabled devices.	
Þ	Explore a Bluetooth device Discover the services another device offers and create connection shortcuts for them.	=
	Connect to a keyboard Use a Bluetooth keyboard with this	Ŧ
0 0	ancel Next 💠	

6) Click the IFX-BT icon from the Bluetooth devices displayed in the search results.

<u>F</u> ile		
for the section	Wizard 📋 🖷	(€ 1:18
Bluetooth Explore a Blu	Connection ¥ uetooth device	Vizard
IFA-BT		
Cancel	💠 Back	Next 💠
Refresh		View

7) Select BIXOLON-SPP and click "Next".



8) Click "Finish".



9) The IFX-BT shortcut is produced.

	<u>F</u> ile	
Click for	🏄 Bluetooth Manager 📰 📢 1:27 📑	×
2 seconds.	Bluetooth My Shortcuts	
\mathcal{A}		
	IFA-BT: BIXOLON-SPP	
	My Shortcuts Active Connections	_
	New 🔤 Menu	

10) Clicking the shortcut for 2 seconds brings up the function folder. Click "Connect".

<u>F</u> ile		
🎢 Bluetool	th Manager 📰 📢 1:2	8 X
Blueto	ooth rtcuts	
IFA-B Con BIXOLON	nnect	
Rer	name	
Del	ete	
Pro	perties	
My Shortcuts	Active Connections	
New	🔤 Mer	าน

11) The Pass Key window appears (if the IFX-BT security function is enabled)

<u>F</u> ile
🏄 Bluetooth Passkey 📰 📢 1:30 🛛 ok
Bluetooth
Addientication
Device: IFA-BT
Passkey:
Cancel - How to use this - How to use this
Tab q w e r t y u i o p []
UAP a S C T Y h] K ; ` Chiff 7 Y C Y h n m / 4
om(2 × () 0 n m 7 . 7 ← Ctlláŭ ` \ ↓ ↑ ← →

12) Input the Pass Key and click "Enter" (Default Pass Key: 0000)



13) The connection is complete when the shortcut

changes to show a green indicator as shown below.

<u>F</u> ile		
🎢 Bluetoo	th Manager 📰 ┥	€ 1:33 🗙
Blueto My Sho	ooth ortcuts	
IFA-BT: BIXOLON-SPP		
DIACCON DIT		
My Shortcuts	Active Connections	
New		Menu

- (6) Connecting with a Mobile Compia PDA (DEVICE: M3, OS: WinCE 5.0)
 - 1) Click the 🚺 icon.



2) Click "BT On".



3) Click the 🔋 icon.



4) Click "BT Manager".



5) Click "Find All Devices".



6) Click the "Next" button.



7) Click "Refresh".



 Click the IFX-BT from the Bluetooth devices in the search list, and click "Next".

<u>F</u> ile
블루투스 탐색기 🛛 🔣 🔀
Atinav 이 사이
스텝 2. 불루투스 장치 검색
장치 선택 후 '다음' 용 클릭하십시오.
<< 뒤로 취소 다음 >>
教 🚯 블루투 😏 🛿 🗞 🐖 🚔 🖷

9) Select BIXOLON-SPP and click "Next".



10) Check favorite and Click "Connect".



11) Click "My favorite device".



12) Clicking the shortcut for 2 seconds brings up the function folder. Click "Connect".



13) Click "Connect".

<u>F</u> ile	
파일 편집 보기	X
aveLink*	8
	즐겨찾기
BIXOLON-SPP on 1	CA DT
	연결
	연결 끊기
	 삭제
	이름 바꾸기
	<u>~~~</u>
l l	70
🐉 🚺 즐겨찾기	着 🗎 🗟 🍕 🚯 🌜

15) Input the Pass Key and click "Enter".. (Default Pass Key: 0000)



14) The Pass Key window appears (if the IFX-BT security function is enabled).

<u>F</u> ile
파일 편집 보기 🛛 🗙
Atinay Balant
피스 키를 입력하세요 🛛 🔀
분루투스 인증 원격장치에 인증절차가 활성화 되어있습 니다. 접속하시려면 올바른 패스 키를 입 력하세요.
장치 이름 : [IFA-BT
패스키:
확인 취소
🏹 🂵스 키를 🕪 🛿 🚱 🐖 🚔 🖷

16) The "Connection Established" message appears.



17) The connection is complete when the shortcut

changes to show a green indicator as shown below



- (7) Connecting with an InnoTeletek PDA (DEVICE: MC3000, OS: WinCE 4.2)
 - 1) Click the "sppui" icon.



<u>F</u> ile	<u>Z</u> oom	<u>T</u> ools	<u>H</u> elp	
	HEI	∎∎i ≥ B sppui		2
○ 奈	2) N 5			Embed
2 Inte	ernet			DWS ded
Micro				
Wor	dPad			
27	I F	🛛 🔁 🎐	🗓 오후	12:39 🖶

2) Click the 🗳 con.

3) Click the "Inquiry" button.



4) Select IFX-BT and click "OK" button.



 The PIN Code window(Select channel) appears (if the IFX-BT security function is enabled).

<u>F</u> ile	<u>Z</u> oom	Tools	<u>H</u> elp		
SPP	UI			×	×
Sele	ect chanr	nel:			
	OK		Cance	!	y I
CHON WM_ 0015	10TE(00 Owner2) 10968985	Ua3a6c (0012d 51		Exit	: :
<		≥.	:	Perey	ster
Chan	nel :			STAR	IT J
No b	onding				
v.0.0	.5			SAV	E
27 8	SP 🛓	a 🔕 🎐	[] 오	후 12:	51 🔁

7) The Serial port is registered as COM7.

<u>F</u> ile	
Bluetooth SPP VI	
	ОК
	Cancel
	Inquiry
	Exit
< >	Deregister
Channel : 1	STOP
00189a0183a1 1 Running	on COM7:
v.0.0.5	SAVE
都 🖥 🕹 🔊	오후 11:51 🖶

6) Input the PIN Code and click "Enter".

(Default: 0000)

<u>F</u> ile <u>Z</u> oom <u>T</u> o	ols <u>H</u> elp		_
SPP UI		×	
Select channel:	0000		<
ОК	Cance	el	cel
			uiry
WM_Owner2(00	012d 🚬		Exit
0015b9b89851	>	Der	egister
Channel :		S	TART
No bonding			
v.0.0.5		S	AVE
鸄 SP 塩 🍓) 🦫 🗄 오	享 12	:51 🖶

8) Click the "My Computer" icon.

<u>Eile Zoom</u>	<u>T</u> ools <u>H</u> elp	
😺 내 컴퓨터	∎I: IB sppui	2
उ इंग्रह		
Internet Explorer		ded S
Microsoft WicrdPad		
	🗑 🆫 🔛 오इ	12:35 🗮

9) Click "Storage".



10) Click "BTPrinter".

<u>F</u> ile <u>Z</u> oo	m <u>T</u> ools	<u>H</u> elp		
파일(<u>E</u>)	편집(<u>E</u>)	보기(⊻)	T	×
주소 ₩S	itorage			*
		•		^
BTPrinter	systen	n		
<			>	*
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11) Click "InnoPrinter".

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파일(<u>E</u>)	편집(<u>E</u>)	보기(<u>∨</u>)	16 ×
주소 ₩9	itorage₩BT	Printer	~
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InnoPrinte	r Porti_blu	ie sp	ipui
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∾ ⊔ ≖.		ሾ⊞ 포우	1.02

12) The connection is complete when

the "Port Opened" Status message appears. Click the "TEXT" button.

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 Enter text to be printed in the Text window and click the "Print" button. The text is printed by the Printer (IFX-BT).



(8) Connecting with Bluetooth Dongle (BlueSoleil IVT Stack)

- 1) After purchasing Bluetooth Dongle, insert the CD in the PC and install Bluesoleil.
- 2) Connect Bluetooth Dongle to the USB port of the PC.
- 3) Click the Bluesoleil icon on the PC screen top.
- 4) Click the red sphere at the center of the Bluesoleil main screen.



5) The program initiates a search for Bluetooth devices in the proximity.



6) Click right button of the mouse above the "IFA-BT Icon" and select the "Pair Device".



 Enter the PIN Code in the Bluetooth Passkey window. Click "OK". (Default Passkey: 0000)

8 IVT Cor File View	poration BlueSi My <u>B</u> luetooth M	o <mark>leil - Main Window</mark> y <u>S</u> ervices <u>T</u> ools <u>H</u> elp	_ 🗆 🗙
Enter For the second se	A remote device Paired relationsh same passkey o Remote Device: Address <u>P</u> asskey: Time Left: 17 s	Rey needs a Bluetooth Passkey to create ip for future connections, Please use the n this device and on the remote device: IFA-BT 00:18:9A:01:83:A1 *****	Cancel
E LCH_NOTE (A-BT	Device search stopped.	PAN IP: 192, 168, 50, 1

8) If the Passkey(PIN Code) is correct and pairing is completed, a red check symbol appears next to the "IFX-BT icon".



 Click right button of the mouse above the "IFX-BT Icon" and select the "Connect > Bluetooth Serial Port Service.



10) When the connection is established, the icon turns green, and a green dotted line appears as shown in the image below.



11) When the connection is complete, the message pictured below appears at the bottom right of the PC screen. The COM port number shown in the message indicates the COM port via which the IFX-BT and the PC are connected.



(9) Connecting with Bluetooth Dongle (Widcomm Stack)

- 1) After purchasing Bluetooth Dongle, insert the CD in the PC and install.
- 2) Connect Bluetooth Dongle to the USB port of the PC.
- 3) Click the My Bluetooth Places icon on the PC screen top.
- 4) Click "Bluetooth Tasks > Add a Bluetooth services".



5) Click "Next".



6) Select "Show all devices" and Click "Next".

Select a device	Neo an an da far this ann an ta this an	
For assistance in making a re	Discoverable mode for this computer to find them. emote device discoverable, refer to the remote	S
device's documentation.		785 - 5
Search Again	Show all devices	
Search Again	Show all devices	~
Search Again	Show all devices	×
Search Again If the device you are looking for is operational. On some devices, yo discoverable.	Show all devices s not in the list, verify that the device has power and u must press the Connect button to make the device	is
Search Again If the device you are looking for is operational. On some devices, yo discoverable.	Show all devices s not in the list, verify that the device has power and ou must press the Connect button to make the device	IS

7) The program initiates a search for Bluetooth devices in the proximity. Click "Next".

Remote devices must be in Dis For assistance in making a rem device's documentation.	scoverable mode for this computer to find them. note device discoverable, refer to the remote	2
IFC-BT		
Search Again	Show all devices	

8) Enter the PIN Code in the Bluetooth Passkey window, then click "Pair Now".

(Default Passkey: 0000)

Bluetooth Pairing Paired devices exchange a secret k for each pair of devices; it is used to devices exchange.	(ey each time they connect.) verify identity and to encry	This key is unique pt the data that the
To pair with the selected device you m security code.	iust know that device's	More Info
- Pair Now		
	Deta Marca	
Enter the security code and then click Bluetooth security code:	Pair Now.	Pair Now

9) If the Passkey(PIN Code) is correct and pairing is completed, a green check symbol appears next to the BIXOLON_SPP icon. Click "Configure".

Select the serv The following	ices you are inte services are availal	erested in. ble through t	he selected l	Bluetooth De	vice.	Z
Select the se service).	rvice that you want	to access or	n the selected	d device. (Co	nnect to this	200-00
	DLON-SPP					~
Esta Blue appl	blish a virtual serial tooth device. The c	port connection ca	tion with a re an then be us	emote ed by any	Configure	
app	cation that support	s the COM p	oort number a	assigned.		
Batrack	Cation that support	s the COM p	ort number a	assigned.		

10) Check COM Port and click "OK".

Bluetooth Properties
General
Secure Connection
COM Port
OK Cancel Apply

11) Click "Next".

The	following services are available thro	d in. Jugh the selected Blu	ietooth Device.	
Sele	ct the service that you want to acce	ess on the selected (levice. (Connect to	this
	BIXOLON-SPP			
	Establish a virtual serial port co Bluetooth device. The connect application that supports the C	onnection with a rem ion can then be use OM port number as:	ote 1 by any <mark>Confi</mark> iigned.	igure
	<u>R</u> efresh			

12) Click "Finish".

Bluetooth Setup Wizard Completion Page		
	Completing Bluetooth Setup Wizard	
	Connect to the remote device using this connection shortcut.	
	Create a shortcut and then restart this wizard so that I can create additional shortcuts. To complete this connection, click Finish.	
	< <u>B</u> ack Finish Cancel	

13) The connection is complete when the shortcut changes to show a green indicator as shown below.



(10) Connecting with Bluetooth Dongle (Toshiba Stack)

- 1) After purchasing Bluetooth Dongle, insert the CD in the PC and install.
- 2) Connect Bluetooth Dongle to the USB port of the PC.
- 3) Execute Bluetooth.
- 4) Click "New Connection".

8 Bluetooth Settings	
Bluetooth View Help	
TOSH	IBA
New Connection	J

5) Choose Express Mode[Recommended] and click "Next".



6) Select device and click "Next". If the device not appeared, click "Refresh"

Add New Connection Wiz	zard	X
Select a device		
	Please choose the Bluetooth device you wish to use. Bluetooth device Device Name SPP-R200 IF-BT-6 IFA-BT O0:02:72:CE:A6:31 hhh Refresh	
	< <u>B</u> ack Next> Cance	

7) The device is appeared.



8) Click right button of the mouse above the "IFA-BT Icon" and select the ""Connect".

😵 Bluetooth Settings	×
Bluetooth View Help	
тозніви	
Ifc Connect Disconnect Delete Deletail Create Shortcut on Desktop Rename Change Icon	
New Connection	

- 9) Enter the PIN Code in the Bluetooth Passkey window.
 - (Default Passkey: 0000)

Bluetooth Mana	iger - Bluetooth Security		
	Bluetooth Passkey (PIN): (If left blank, the default Request Device Bluetooth Device Address: Bluetooth Device Name:	**** PIN will be used.) 00:18:9A:01:83:A2 IFC-BT	
		ОК Са	ancel

10) If the Passkey(PIN Code) is correct and pairing is completed, check COM port and click "Next".

Add New Connection Wiz	zard 🛛 🔀
COM port setting	
	Setup o <mark>f COM9</mark> complete. Setup application software and driver if needed.
	< <u>B</u> ack Next> Cancel

11) The icon is changed when The connection is complete.



" icon.

Bluetooth Devices

(11) Connecting with Bluetooth Dongle (MS Stack)

- 1) After purchasing Bluetooth Dongle, insert the CD in the PC and install.
- 2) Connect Bluetooth Dongle to the USB port of the PC.
- 3) Open Start > Settings > Control Panel, Then click the "
- 4) Click "Add .. ".

Bluetooth Device	5	
Devices Options	COM Ports Hardware	
A <u>d</u> d	Remove	Properties
	OK Cancel	

5) Check the checkbox and click "Next".



6) Select device and click "Next".

If device is not searched, click "Search Again".

Add Bluetooth Device Wizard	
Select the Bluetooth device that you want to add.	≫®
IFA-BT New device	
If you don't see the device that you want to add, make sure that it is turned on. Follow the setup instructions that came with the device, and then click Search Again.	gain
< <u>B</u> ack <u>Next</u> > C	ancel

7) Enter the PIN Code and click "Next".

Add Bluetooth Device Wizard
Do you need a passkey to add your device?
To answer this question, refer to the "Bluetooth" section of the documentation that came with your device. If the documentation specifies a passkey, use that one.
Choose a passkey for me
⊙ Use the passkey found in the documentation:
O Let me choose my own passkey:
O Don't use a passkey
You should always use a <u>passkey</u> , unless your device does not support one. We recommend using a passkey that is 8 to 16 digits long. The longer the passkey, the more secure it will be.
< <u>B</u> ack Next > Cancel

8) If the Passkey(PIN Code) is correct and pairing is completed, check COM port and click "Finish".



9) If the connection is complete, the device appeared in the list as shown below.

Bluetooth Devices	X
Devices Options COM Ports Hardware	
Printers, scanners and imaging devices	
IFA-BT Passkey enabled	
Add <u>R</u> emove <u>Properties</u>]