

# Bluetooth Skype Phone

## BP0001

### User's Guide

#### Bluetooth Specification

- Comply with Bluetooth Specification V2.0 + EDR
- Enhanced Data Rate (EDR) compliant with v0.9 of specification for both 2Mbps and 3Mbps modulation modes
- Support up to 7 ACL connection and 3 SCO connection
- Support faster connection, flash timeout, Synchronization, LMP improvements, AFH, Parameter ranges and LMP SCO Handle.
- Up to 12 PIO/ 3 AIO pin definitions is ideally suited for rapid embedded development any kind of products.
- 13 or 16bit linear, 8bit  $\mu$ -Law or A-Law PCM interface
- Compact size (25x14.5x 2.4mm ) can be fit any type of product
- RF output power  $-6\text{dBm}$  --  $+4\text{ dBm}$  (class 2).
- High receiving sensitivity ( $-85\text{ dBm}$  0.1%BER).

#### General Specification

ITEMS	SPECIFICATION
Supply Voltage	VDD: 3.3V $\pm$ 0.1V Regulated supply voltage
Carrier Frequency	2400MHz to 2483.5MHz( USA , Spain ,France)
Modulation Method	GFSK,1Mbps,0.5BT Gaussian
Maximum Data Rate	Asynchronous:723.2kbps/57.6kbps Synchronous:433.9kbps/433.9kbps
Transmission Power	+3dBm to $-20\text{dBm}$ ; Power control 6 stage
Hopping	1600hops/sec, 1MHz channel space
Receiving Signal Range	$-83\text{dBm}$ to $-20\text{ dBm}$
Output Interface	PCM,UART
Operation Temperature	$-40$ to $+85$ degree
Storage Temperature	$-40$ to $+105$ degree
Absolute Max Supply Voltage	3.6V for VDD, other VDD $+0.3\text{V}$
Bluetooth Specification	Version 2.0

STEP 1. Install three softwares. (picture 1)



Picture 1

STEP 2. Run the Bluetooth skype phone.

a. Before run the Bluetooth skype phone, make sure your computer has Bluetooth connecting function.

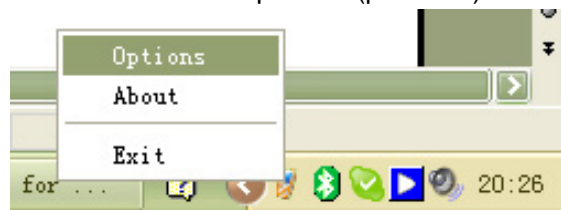
b. After installing these 3 softwares, then run the IVT first to enable the Bluetooth dongle first.

c. Double click the icon to start the Wireless Phone v1.4 software. (picture 2)



picture 2

d. Right click the icon and then choose "Options". (picture 3)



Picture 3

e. Then it shows the "Bluetooth wireless phone" window. (picture 4)

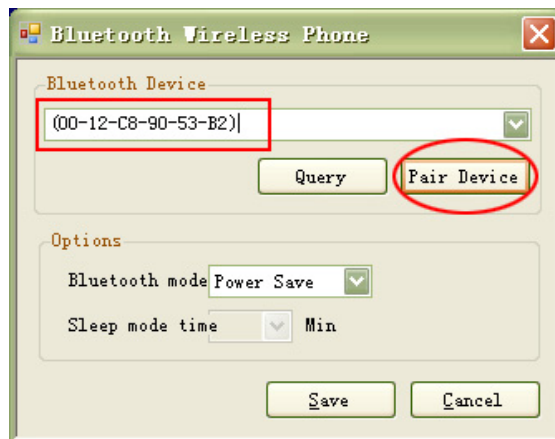


f. Press "Query" button to search Bluetooth skype phone. (picture 5)



picture 5

g. After finding out the phone, then choose the phone Bluetooth address and press “Pair Device” button. (picture 6), when pair device successful, it will come out the “pair ok” window. (picture 7)



picture 6



picture 7

h/ Press the dial button on the phone, then it comes out the “Bluetooth service authorization” window, click “yes”. (picture 8) After the screen shows “BT SKYPE PHONE”,

and then all the functions of the phone can work normally now.



picture 8