

1. Description

ImFONE CP is a cordless internet phone which you can use as an internet phone in conjunction with your PC. With this easy to install phone by and its stylish, mobile phone-like design, you can place a crystal clear phone call through the internet network.

The small, lightweight design is perfect for VoIP(Internet Phone) service at home or in the office.

imFONE CP is a wireless client device for VoIP (Internet Phone) service running on your PC. You can also select from buddy list or dial directly using the keypad to make the call.

ImFONE CP lets you make internet phone calls, through internet phone programs such as SKYPE or imTEL or Naver (Korean version internet phone solution)

Long range 2.4GHz wireless technology allows to you use your imFONE CP up to a distance of 30 meters to provide you maximum freedom, control and flexibility.

Equipped with a built-in laser pointer, imFONE CP also functions as a wireless presenter. You can navigate through your presentation pages using the arrow key of the keypad.

2. Features

- ① Free internet phone calls between VoIP Softphone buddies
- ② Crystal clear sound through echo cancellation
- ③ Making calls/ Receiving calls
- ④ Multi-functions
- ⑤ Conference and video call functionality

3. Specifications

- Bluetooth® Qualified: Bluetooth Ver. 1.2 Compliant (Class1)
- Radio Frequency Range: 2.402 ~ 2.480 GHz
- Transmit Power & Receive Sensitivity: 17dBm(Typical 15dBm), -85dBm
- Service Distance: Up to 50 meters (164feet) on an open field
- Service Profile: Cordless Telephone Profile
- Security: 56 bit encryption
- Display: 32X128 pixels, Monochrome
- Power Source: Battery-Rechargeable 840mA Lithium-Ion Polymer
 - Charger-USB charger (Current:460mA/h, Voltage:4.6~5.0V DC)
 - TTA 24pin standard charger (for mobile phone)
- Charging Time: USB Charger-3 hours
 - ※ TTA 24pin standard charger(for mobile phone): 2.5 hours
 - ※ Charging time can depend on the PC's system capacity.
- Operating Time: Standby-Up to 38 hours
 - Talk Time-Up to 8 hours
- System Requirements: 2000/XP

4. Equipment under test

Data	Entries
Power Control?	Yes
Normal operation during battery charging?	Yes
Voltage (Min, Nom , Max)	3.3V, 3.8V, 4.2VDC
Temperature (Min, Nom , Max)	-10, +25, +60
Power supply Type	4.2VDC
Battery Type if any (ex. Lithium Ion)	Lithium Polymer
Antenna Gain (maximum)	0 dBi
Antenna Type (ex. Surface mounting type)	Ceramic Chip Antenna

5. General EUT Information

Type	Transmitter	Receiver
FCC Classification	FHSS Sequence Spread Spectrum (FHSS)	FHSS Sequence Spread Spectrum (FHSS)
Operating frequency range	2402 – 2480 MHz	2402 – 2480 MHz
Bands of operation	2.400 – 2.4835 GHz	2.400 – 2.4835 GHz
Number of Channels	79	79
Channel Separation	1MHz	1MHz
Type of Antenna	Chip Antenna	Chip Antenna
Power Supply	DC 3.7 V Lithum Ion Battery	DC 3.7 V Lithum Ion Battery