

Using InterPhone as an Ethernet/PSTN Phone

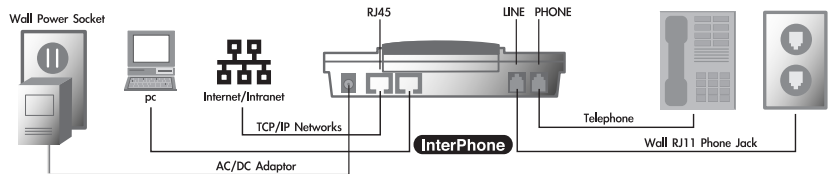
InterPhone is an intelligent Ethernet Phone. You may use it as an Ethernet Phone and regular telephone. InterPhone can receive phone calls from both the Internet and telephone lines at the same time. To switch between Ethernet phone and regular phone mode, simply press the I-PHONE button. On either mode, if you are on the line, InterPhone will alert you when there is an incoming phone call from the other mode. By pressing HOLD button, you can hold your call and pick up the incoming call.

A. Before You Start

To use InterPhone as an Ethernet phone, you need to subscribe an Internet access line from your local ISP. It could be xDSL, Cable Modem or Leased Lines which provides Ethernet interface. You may also use it in a private TCP/IP network. Please check Operation Manual for further information. You will be given the following information:

- 1) Available IP Address: ____ . ____ . ____ . ____
2) Gateway IP Address: ____ . ____ . ____ . ____
3) Subnet Mask: ____ . ____ . ____ . ____

Please refer to the diagram for installation.



B. How to Configure Your InterPhone

PHONE ADDRESS **GATEWAY IP** **SUBNET MASK** **DHCP**

SPEED DIAL (PSTN)		SPEED DIAL (I PHONE)		ITSP SETUP		SYSTEM SETUP		EXIT SETUP	
01: (Name) / (Phone Number)		01: (Name) / (IP, *ID, phone)		ITSP ACCOUNT		DEVICE ID			
02: .		02: .		YOUR PHONE NO.		DNS ADDRESS			
03: .		03: .		LONG DIST CODE		E-MAIL ADDRESS			
. .		. .		INT'L CODE		PLAY VOLUME			
21: (Name) / (Phone Number)		21: (Name) / (IP, *ID, phone)		COUNTRY CODE		VOICE QUALITY			
EXIT TO MAIN		EXIT TO MAIN		EXIT TO MAIN		DATA CONTROL			
						JITTER DELAY			
						PSTN FLASH TIME			
						SYSTEM CLOCK			
						AUTO UPGRADE			
						TELNET PASSWORD			
						EXIT TO MAIN			

Key

Key	Characters
[1]	1 ~ ! # \$ % ^ & * () _ + ; : " < > ? - = , ' /
[2]	2 a b c A B C
[3]	3 d e f D E F
[4]	4 g h i G H I
[5]	5 j k l J K L
[6]	6 m n o M N O
[7]	7 p q r s P Q R S
[8]	8 t u v T U V
[9]	9 w x y z W X Y Z
[0]	0 . , @
[*]	*
[#]	#

Keypad

1	2	3
ghi	jkl	mno
4	5	6
pqrs	tuv	wxyz
7	8	9
*	0	#

Basic Setup Items

ITSP Setup Items

System Setup

Exit Setup

Download Now

Restore

Exit

Please leave the handset on the phone when you input data.

- To go to the Main Menu, press ENTER button.
- To go to the Sub-menu, go to the Main Menu first; with setup items containing sub-menu displayed, press ENTER button.
- To edit setup items, select the setup item you want to edit, then press ENTER button to input data. After complete inputting data, press ENTER again to save.
- Press <LEFT> or <RIGHT> button to move to the previous or next setup item.
- To input data from telephone keypad, please refer to Key & Characters Table.

C. Start Setting Up Your InterPhone: Basic Setup

- ### 1. Input Your IP Address:



- 1 Press ENTER to go to IP ADDRESS setup item
- 2 Press ENTER to edit
- 3 Input your IP Address
- 4 Press ENTER to save

Note: The IP address you entered should be a **real IP address** and not used by other equipment such as PC or print server on the LAN. If there is a **DHCP** server on your LAN or from your ISP assigning dynamic IP address to you, please go to DHCP item and enable it, then you can **skip** editing Basic Setup Items.

- ## 2. Input Your Gateway IP Address:



- 1 Press <RIGHT> to go to GATEWAY IP
- 2 Press ENTER to edit
- 3 Input your Gateway IP Address
- 4 Press ENTER to save

- ### 3. Input Your Subnet Mask:




- 1 Press <RIGHT> to go to SUBNET MASK
- 2 Press ENTER to edit
- 3 Input your Subnet Mask
- 4 Press ENTER to save

- 4.

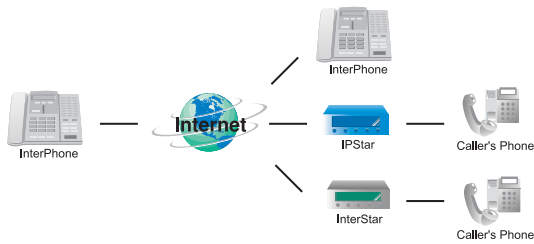
Now press <RIGHT> several times. With **EXIT SETUP** displayed, press ENTER to leave the main menu. InterPhone will start the system check automatically. After you see the running message on the LCD panel, press any DTMF digit button on the keypad to switch to check the network connection status.

- 5.

InterPhone needs 5~20 seconds to register itself to the Call Server on Internet.
If the  or @ symbol keeps flashing, please check your setup again.

D. Making Device-to-Device Phone Calls

Congratulation! After you complete the Basic Setup, you are able to make Internet phone calls to anyone equipped with any of DSG's VoIP products such as InterPhone, IPStar or InterStar.



- 1 Press I-PHONE button (LED on) to go to I-PHONE Mode.
- 2 Pick up the handset or press SPEAKERPHONE button.
- 3 Dial the receiver's Device ID Number (* _ _ _ _ _ #) or IP Address (_ _ _ . _ _ . _ _ . _ _ #) to call.

Examples:

1. If the receiver's Device ID is 123456, press * 1 2 3 4 5 6 # to call.
2. If the receiver's IP Address is 200.111.66.8, press 2 0 0 * 1 1 1 * 6 6 * 8 # to call.

Note: If you store frequently used ID Number or IP Address on Phone Book, simply press the programmed Speed Dial button to call. To know how to edit Phone Book, please refer to Operation Manual Chapter 3.

E. Continue Setting Up Your InterPhone: ITSP Setup

Internet Telephony Service Provider (ITSP) provides telephony service over the Internet. If you would like to call a receiver not equipped with DSG's VoIP product, you will have to subscribe ITSP services provided by DSG Internet Telephony Network. You will be given **calling points** stored in a 10-digit **ITSP Account** or come with your 6-digit **Device ID Number**. With a valid account, you can make Internet phone calls to any regular telephone users.

To subscribe calling points, please refer to your regional distributors or send a mail to sales@dsg.com.tw. To check account balance, please press DISPLAY button. You will see your account balance on the LCD panel.

1. Input Your ITSP Account



- 1 Press ENTER to go to the main menu
- 2 Press <RIGHT> several times till ITSP SETUP displayed
- 3 Press ENTER to go to ITSP ACCOUNT
- 4 Press ENTER to edit
- 5 Input your 10-digit ITSP Account Number
- 6 Press ENTER to save

Note: If you use **Device ID Number** to store calling points, please **skip** this setup item and leave the setting of **ITSP ACCOUNT** as **blank**.

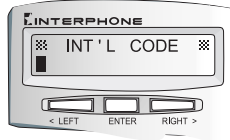
2. Input Your Long Distance Code



- 1 Press <RIGHT> two times to go to LONG DIST CODE
- 2 Press ENTER to edit
- 3 Input the long distance code of your country
- 4 Press ENTER to save

e.g. The Long Distance Code in the U.S. is 1.

3. Input Your International Code



- 1 Press <RIGHT> to go to INT'L CODE
- 2 Press ENTER to edit
- 3 Input the international access code of your country
- 4 Press ENTER to save

e.g. The International Access Code in the U.S. is 011.

4. Input Your Country Code



- 1 Press <RIGHT> to go to COUNTRY CODE
- 2 Press ENTER to edit
- 3 Input the country code of your country
- 4 Press ENTER to save

e.g. The Country Code in the U.S. is 1.

5.

Now press <RIGHT> to go to **EXIT TO MAIN** and press ENTER to leave the sub-menu. Press <RIGHT> several times to go to **EXIT SETUP** and press ENTER to leave the main menu. You will see the running message on the LCD panel.

6.

Please make sure you have completed the Basic Setup before you configure ITSP Setup items.

F. Making Device-to-Phone Phone Calls

Congratulation! After you complete the ITSP Setup, you are able to make Internet phone calls to any regular telephone users worldwide at very low rates.



- 1 Press I-PHONE button (LED on) to go to I-PHONE Mode.
- 2 Pick up the handset or press SPEAKERPHONE button.
- 3 Enter the receiver's phone number just like the way you usually do.

Example:

If you are in the US and would like to make a phone call to Japan, simply dial:

011 81 3 55551234
(your international access code) (receiver's country code) (receiver's area code) (receiver's phone number)