

1. Before You Start

IP770 integrates VoIP and analog phone functions all together. When IP770 is not connected to the Internet, it allows you to make calls over traditional PSTN lines. When you connect IP770 to the Internet, you can use your ISP to place Internet phone calls.

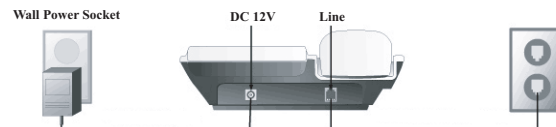
To enjoy IP770's VoIP function, you need to subscribe an Internet access from your local ISP. You'll be given the following information:

(1) Local Internet access phone number _____ (2) User Name or User ID _____ (3) Password _____

Note: IP770 functions only with standard PPP (Point-to-Point) Internet access. It is not compatible with certain proprietary commercial services, such as AOL.

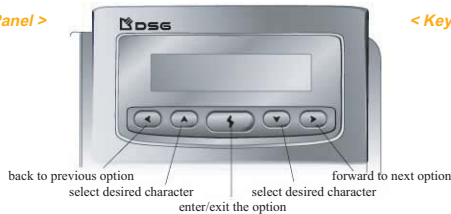
2. Installation of IP770

Please refer to the diagram for installation.



3. Input Data from Telephone Keypad

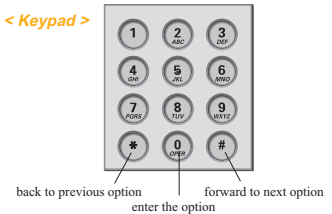
< Control Panel >



< Key & Characters >

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 >



4. Input Basic Information

1. Press and hold the button for 2 seconds. The LCD screen will show **ISP PHONE NO.** Pick up your handset and press to edit this option.
2. Follow the above Key & Character conversion chart to input your Internet Access Phone Number. Press to save and exit.
3. Press and the screen will show **ISP USER ID.** Press to edit this option.
4. Refer to above chart to input your User ID. Press to save and exit.
5. Press again and the screen will show **ISP PASSWORD.** Press to edit this option.
6. Input your ISP Password. For example: to enter "123", press on your keypad. Press to save and exit.
7. Now you've entered the basic required information. Press several times until you see **EXIT SETUP.** Press to save and exit.

5. Input Data Required for IP770-to-Phone Mode

If you use the 6-digit device ID number as your account of credit, you don't need to input anything in this item.

1. Press and hold button for 2 seconds and the screen will show **ISP PHONE NO.** Pick up the handset and press several times until the screen shows **ITSP SETUP.**
2. Press and the screen will display **ITSP ACCOUNT.** Press to edit this option.
3. Enter the 10-digit ITSP account number. Press to save and exit. (A valid ITSP account or Device ID account is required in order to make a IP770-to-Phone call. Please visit our web site at www.dsgtechnology.com to get calling points from local dealers.)
4. Repeat the above procedure to input **YOUR PHONE NO., LONG DIST CODE, INT'L CODE,** and **COUNTRY CODE.** For example, the **LONG DIST CODE** in US. is **1;** **INT'L CODE** is **011;** **COUNTRY CODE** is **1.**
5. You have now entered required information for IP770-to-Phone mode. Press several times until you see **EXIT TO MAIN.** Press to exit.

6. ISP Test


After you completed the above 4. Input Basic Information, you can now perform ISP test to verify if you have entered correct data to make an Internet connection.

1. Press and hold the button for 2 seconds and the screen will show **ISP PHONE NO.** Pick up the handset and press several times until you see **INTERNET SETUP.**
2. Press followed by and you will see **ISP TEST** on the screen.
3. Press to start ISP Test. IP770 will use the ISP account information you entered to connect to the Internet. Please wait for the testing result. This test will take from 30 seconds to 2 minutes.
4. After the ISP Test is completed, there're two possible results:
 - (1) If the screen shows **Passed...Wait,** you've successfully completed your setting.
 - (2) If the screen shows **Failure...Wait,** there might be some errors while you entered your information or the Internet is heavily congested at this time. Please try to execute the ISP Test again. If the result remains unchanged, please go back to Section 4 to check and re-enter the required data, or refer to Operation Manual for more details.
5. Press several times until the screen shows **EXIT TO MAIN.** Press to quit this mode, and press several times until you see **EXIT SETUP.** Press another to leave the configuration.

IP770

Congratulations! You've successfully completed your settings. You may select a desired mode to speak to a friend over Internet by the following methods.

A. Device-to-Phone Mode

1. Pick up the handset and press the  button on IP770 to dial your ISP.
2. Please wait until you hear a ready tone. At this moment, you will see Ready for Dial on the screen blinking.
3. You may dial any long-distance or international telephone number as you normally would from your telephone.

For example:

To make an international call from U.S. to Japan:

[International code] + [Japan country code] + [Japan area code] + [Japan telephone number]

011 81 3 55551234

You would dial from U.S.: 

To make a long-distance call within U.S.:

[Long Distance Code] + [Area Code] + [Telephone Number]


1 212 5551234

You would dial from U.S.: 

4. You can see your Internet connecting status on the screen of your IP770. If you see a steady @ sign on the screen, that means you're on Internet already. You can also see your account balance on the screen.
5. After you dial the desired telephone number, please hold the handset for the call to be connected.



B. Device-to-Device Mode

1. Make sure the receiving IP770 or the other DSG VoIP device is on the Internet already.
2. Pick up the handset and press the  button to get connected to the Internet.
3. Please wait until you hear a ready tone.
4. Once you hear the ready tone, you may start to dial the six-digit ID of the remote IP770 in the following format:
 + [Six-Digit ID of remote device] +
5. The screen will indicate the progress of the connection. Please hold the handset for the call to be connected.

For example, if the remote party's ID Number is 123456, you would dial 



Configure Speed Dial: IP770 supports Last Number Redial and Speed Dial functions on both VoIP and PSTN mode. You can program up to 12 entries of speed dial. To edit the speed dial, get off-hook, (1) press Program button, (2) press Memory, (3) assign a speed dial number (1~9, 0, *, #) from the keypad, (4) input the target phone number (such as 5551234 for PSTN mode or 0118135551234, *123456# for VoIP mode), (5) press Program again to save. Repeat the above procedures to edit more entries. To place calls using Speed Dial, lift the handset, press the Memory button and then press the dedicate speed dial number.

Note: If you find any serious delay or cut off in the middle of words while using IP770, it is an indication of congested data transmission between ISPs. You can hang up and try the call again later. If you have any further questions, please refer to the Operation Manual or visit <http://www.dsgtechnology.com> for more details.

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