

InfoTalk[®] 7



Operating manual

InfoTalk® 7



Congratulations on your purchase of InnoMedia's InfoTalk device.

InfoTalk 7 is an intelligent Internet Phone that incorporates our unique all-in-one solution which enables you to call any phone in the world via an InnoSphere Call or a Talk-to-Talk Call. By using your Internet account, you can enjoy significant and long term savings on your overseas calls through the Internet. Full understanding of what this product has to offer begins with reading this operating manual. The first chapter contains a User Quick Start Guide for easy set-up of your InfoTalk device. Subsequent chapters also include details of the product information and specifications, device settings, calling sequences and troubleshooting tips.

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UPDATES

Updates to the products and the manual are obtainable at participating InnoMedia dealers and distributors or through the Innomedia website.

Version 1.0

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Chapter 1



USER QUICK START

This chapter contains the essential information for installing and setting up the InfoTalk unit, so that users can start using the InfoTalk to place calls and enjoy great savings immediately.



User Quick Start Guide

The aim of this Quick Start Guide is to provide you with sufficient knowledge to set up and start using your InfoTalk 7 after stepping through the instructions.

I. INSTALLATION

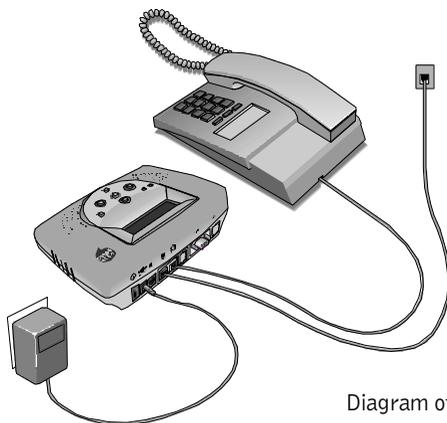


Diagram of overall connection

II. BUTTON FUNCTIONS



Diagram of phone keypad



Welcome screen

BUTTON	FUNCTION
	To scroll Backward or Forward
	To Confirm selection or to Proceed to the next level
	To Exit from selection or Return to previous screen
	To remain online when making follow-on Internet calls
	For quick access to InnoSphere Call dialing mode

[Important]

III. INFOTALK 7 CONFIGURATION SHEET

Before you proceed to configure your InfoTalk, we suggest that you fill in the information in column first to serve as your reference.

Sub-Menu	Option	Explanation	Example	Actual
Phone Book	User Phone Number	The phone number of the phone line which is connected to your InfoTalk. Please enter the country code, area code and the phone number into your InfoTalk.	Phone Number: 8872500 Area Code: 408 Country Code: 1	
Dial Up Settings	Name	Provide a name to your ISP profile.	David - AT&T	
	ISP Phone No.	Your ISP dial-up phone number.	4379000	
	Login Name	Your ISP account User ID	David	
	Login Password	Your ISP account Password	apple123	
InnoSphere Calls	User ID	Refer to the given envelope for the assign User ID	1234567890	
	Password	Refer to the given envelope for the assign password	1234	

[NOTES]

- Login Name and Password are both case sensitive; hence please enter the exact character whereby lower case "c" is not the same as upper case "C". If the wrong information is entered, you will receive "Invalid UserID and Password" message on your CONNECTIVITY TEST.
- Please note that your ISP Internet account has specific Login Name/UserID and Password; they are not the same as the Login Name/UserID for your other email address like your Hotmail or Yahoo Mail. Please enter only the correct information.
- If you have multiple **Dial Up Settings** profiles and **InnoSphere Calls** profiles stored into your InfoTalk, please go to the SELECT DEFAULT option in each of the respective sub-menu and choose the profiles you want to use. Without making your choice, InfoTalk will use the first profile as your default profile.



Default screen

IV. Configuration and Settings

Enter **User Phone Number**

1. Press at Default Screen.
2. Press at Phone Book mode.
3. Press at User Phone option.
4. Enter the user's PSTN phone number, area code and country code into the option, and press to confirm.
5. Press to exit and save all settings.

Configure **Dial Up Settings**

1. Press at Default Screen.
2. Scroll menu with or to reach Dial Up Settings and press to enter.
3. Press again to enter Add (default option), otherwise scroll with or for other options.
4. At Name, key in the name for your dial up profile using the phone key pad.
5. Press to store entry.
6. Scroll with or to configure remaining settings.
7. Repeat Steps 4-6 to configure other settings which include ISP Phone Number, Login Name and Login Password using the keypad.
8. Scroll with or to access other options such as Change Settings, Erase Settings and Select Default Settings.
9. After all Dial Up Settings are completed, press to exit and save all settings.

Configure **InnoSphere Calls Profile**

1. Press at Default Screen.
2. Scroll menu with or to reach InnoSphere Calls and press to enter.
3. Press to select Add (default option), otherwise scroll with or for other options.
4. Press 2 times to access profile settings.
5. Enter the User ID using the phone keypad.
6. When completed, press to store entry.
7. Scroll with or to configure remaining settings.
8. Repeat Steps 4-6 to access and configure Password. Press to exit this sub-menu.
9. Scroll with or to access other options such as Change Profile Settings, Select Default Profile and HotKeys*.
10. After completing all InnoSphere Call configurations, press to save all settings and exit.

*HotKeys are handy when you want to use your cordless phone to access both InnoSphere Calls and Talk-to-Talk Calls.

KEY	CHARACTER
1	1~!#\$%^&*0_+ {}:'<>?`- =\~/
2	2ABC
3	3DEF
4	4GHI
5	5JKL
6	6MNO
7	7PQRS
8	8TUV
9	9WXYZ
0	0,.@
#	Space
*	Back space / Delete

Diagram of character representation



To toggle between lower case and upper case, press on the keypad for about 2 seconds.



Wait for 1 second before entering the next character.



Obtain your User ID and Password before configuring your InnoSphere Profile





Always press to confirm selection and to exit menu.



Press to move forward and to go backward when scrolling through the menu.



Press to delete character



Press to insert character



V. CONNECTIVITY TEST

To perform Connectivity Test

1. Press at Default Screen.
2. Scroll menu with or to reach Connectivity Test.
3. Press at Test Mode.
4. Press to start test, otherwise press to exit.

Once InfoTalk 7 passes the connectivity test, you are ready to make your first Internet call.

VI. MAKING CALLS

After configuring your InnoSphere accounts, InfoTalk 7 can call to any phone or another InfoTalk 7 device in the world.

InnoSphere Calls

1. Pick up phone handset.
2. Wait for 1 sec, and the icon will appear on the screen.
3. Press button, InfoTalk will display < InnoSphere Call > on the screen.
4. Enter the caller's **Country code** + **Area code** + **Phone Number** + #

Example: To call a phone number in Shanghai

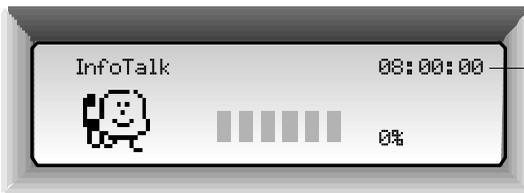
where 86 is the Country code

 21 is the Area code

 3351234 is the remote phone number

please dial 86 21 3351234 #

5. Your InfoTalk will start the Internet connection automatically.
6. Within 1-2 minutes, you will hear a ring back tone and the screen shown below will appear when InfoTalk has accessed InnoSphere network successfully.



8 Hours of InnoSphere talk time left

When the remote party picks up the call, you can start your conversation.

Talk-to-Talk Call

- 1.Pick up phone handset.
- 2.Wait for 1 sec, and the  icon will appear on the screen.
- 3.Press button, InfoTalk will display <Talk2Talk:> on the screen.
- 4.Enter your **IDD prefix + Country code + Area code + Remote phone number.**

Example: Call a phone number in Shanghai

where 001 is the IDD prefix
 86 is the Country code
 21 is the Area code
 3351234 is the remote phone number
please dial 001 86 21 3351234

- 5.After hearing 2 rings, press # to initiate Internet connection.
- 6.You can choose to hang up your phone.
- 7.Both sides can pick up the phone again upon hearing the success tone
- 8.The screen below will appear when both sides have picked up the phone.



Enjoy your Internet conversation.

Note: You need a valid InnoSphere account in order to make InfoTalk7-to-InfoTalk7 calls.

Chapter 2



PRODUCT INFORMATION & INSTALLATION

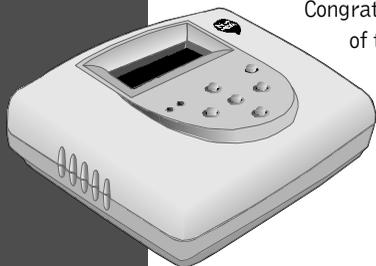
In this section, the installation section will guide users to a successful setup of the unit.

We are providing detailed product information for reference.



Product Information & Installation

I PRODUCT INTRODUCTION



InfoTalk 7

Congratulations on your purchase of InfoTalk 7, the next generation of the InfoTalk product. InfoTalk inherits the primary function of its predecessor in enabling the user to make long-distance calls via the Internet. InfoTalk 7 features more innovative functions and better voice quality that aims to enhance the intrinsic values of your Internet phone.

With your InfoTalk 7 and a valid InnoSphere account, you can call to anywhere in the world either via an InnoSphere Call, which does not require the receiving party to be equipped with an InfoTalk, or you can also reach other InfoTalk 7 units through a Talk-to-Talk Call.

Furthermore, InfoTalk 7 has a built-in LCD screen that can display the Navigation Menu with your preferred language in either English or Spanish. You can also enable or disable calling features such as Caller ID, Call Records, Call Blocking and Call Waiting.

II PACKAGE ITEMS

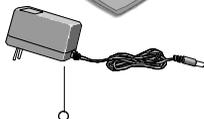
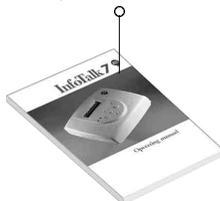


Please refer to
Chapter 1 - User
Quick Start Guide for
Button Functions

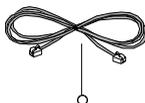
1x InfoTalk 7 Unit



1x Operating Manual



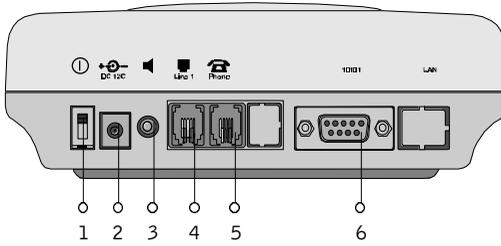
1x DC 12V 500mA
Power Adapter



1x RJ11
Phone Cord

Diagram of
Package contents

III REAR PANEL



ITEMS	FUNCTION	DESCRIPTIONS
1.	Power switch	Flip the switch down to turn ON InfoTalk.
2.	Power input	DC 12V input power for InfoTalk.
3.	Audio output	Insert RCA cable for audio output through headset or speakers.
4.	LINE RJ11	Socket for connection of InfoTalk to the wall socket (RJ11 connector)
5.	PHONE RJ11	Socket for connection of InfoTalk to the phone socket (RJ11 connector)
6.	9-pin serial port	Female 9-pin connector for serial connection to PC or communication device.

IV INSTALLATION

1. Disconnect the phone cord from phone and connect it to the back panel socket labeled  socket labeled **Line 1**
2. Take the phone cord provided, connect it to your phone and insert the other end into the back panel socket labeled  socket labeled **Phone**
3. Connect the power adapter to InfoTalk power input labeled DC 12V and turn on the power on your wall socket.
4. Power up your InfoTalk unit by flipping down the switch.
5. You will see the default screen as illustrated to the right.

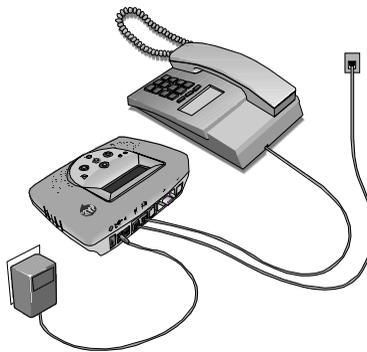


Diagram of InfoTalk setup



General Specifications

- Built-in Telephone Line interface
- Built-in 122 x 32 Dot Matrix LCD message display
- LED display for LCD Message warning
- Built-in push button switch for function selection
- DC Power adapter
- Local/Remote Phone DTMF detection
- Non-volatile memory storage for preset data
- Optional RS232 Host Interface
- Audio Output

Interface

- Telephone line interface (RJ11 Phone Jack) - Two-wire Public Telephone Line
- Telephone interface (RJ11 Phone Jack) - Analog Telephone with DTMF dialer
- Host interface (Optional) - RS232 interface 9-Pin female connector

Physical Characteristics

- Dimensions 125mm x 165mm x 45mm
- Weight Approximately 350 gm
- Front Panel LCD display (58mm x 17mm)
Power-on LED (green)
Message LED (red)
6 Function Push Button Switches
- Rear Panel Power switch
Power-Supply Socket
RS232 9-Pin 'D' Sub Female Connector
RJ11 (standard) Jack to Telephone Line
RJ11 (standard) Jack to Analog Telephone
- Audio Jack to Speaker (300 mW max at 8 ohms)

Environmental Requirements

- Power Supply DC 12V 500mA - Supplied by DC Power Adapter with
120V 60Hz AC Input >> (North America version)
100V 50/60 Hz AC Input >> (Japan version)
220V 50Hz AC Input >> (Asia Pacific version)
240 50Hz AC Input >> (Australia version)
- Temperature +5 C to +45 C (Operating)
-20 C to +55 C (Non-operating)
- Humidity 20% to 80% RH (Operating)
20% to 80% RH (Non-operating)

Chapter 3



SETTING UP INFOTALK 7

By entering the user's phone number, Internet account info and InnoSphere profile into the InfoTalk unit, the user can easily connect to the Internet to make InnoSphere Calls and Talk-to-Talk Calls.





ADVANCED SETTINGS

Aside from the Basic Settings listed in Chapter 1 - User Quick Start Guide, that are required for InfoTalk to function nominally, other feature settings found in this chapter, help to fine tune the device and provide you with the control of activating selected features.

I SYSTEM SETTINGS

To access device's **System Settings**

1. Press  at the default screen.
2. Press  or  to scroll the menu to System Settings, then press .
3. Options available for setting: Restore Factory Default, Dial Mode, Dialling Prefix, Country, Connection Tone, Language.

Factory Default - Each InfoTalk comes with a default system setting listed below, but you can select your preferred settings.

Dial Mode	>>	Tone Dialing
Dialling Prefix	>>	ATDT
Country	>>	Others
Connection Tone	>>	Tone 2 at Medium Volume
Language	>>	English

Dial Mode - InfoTalk 7 can support either tone dialing or pulse dialing telephones, check your phone dial mode before making your selection.

Dialling Prefix - The default dialing prefix is ATDT. However, you might need to set a different prefix to accommodate the local phone line requirement.

To set **Dialling Prefix**

1. Under System Settings, scroll to Dialling Prefix and press .
2. Delete the default setting using * of phone keypad and enter the required prefix.
3. If you are using a PABX line, you may need to dial a 7 or 9 after the prefix in order to make an external call
Example: ATDT7, or ATDT9, or ATX3DT7

For overview of the fields in each sub-menu, please refer to "InfoTalk 7 Navigation Menu" within this chapter



Diagram of phone keypad



Country - By specifying the country that your InfoTalk is calling from, this allows its built-in modem to be adjusted and fine-tuned to meet the local phone network requirement.

To set **Country**

1. Under System Settings, scroll to Country and press **O**.
2. Options available: Others, France, Germany, Italy, Spain, Sweden, UK, US and Australia.
3. Press **<** or **>** to scroll through and select the relevant country.
4. Press **O** to confirm selection.
5. Upon completion, press **□** to exit.

Connection Tone - A tune will be played while InfoTalk is initiating an Internet connection. You can choose from the 3 available tunes, and adjust its volume accordingly.

To set **Connection Tone**

1. Press **O** at Tone.
2. Press **<** or **>** to choose among the three different tunes.
3. Press **O** to confirm selection.
4. Upon completion, press **□** to exit.

To set **Volume of tone**

1. Scroll to volume option and press **O**.
2. You can adjust the volume of the selected tune with the scroll buttons.
3. Press **<** to lower the volume and **>** to increase the volume.
4. Press **O** to confirm.
5. Upon completion, press **□** to exit.

Language - You can customize your InfoTalk screen by selecting a preferred language for the LCD message.

To set **Language**

1. Under System Settings, scroll to Language and press **O**.
2. Options available: English and Spanish.
3. Press **>** to scroll through the list, then select the language.
4. Press **O** to confirm selection.
5. Upon completion, press **□** to exit.

The modem used by InfoTalk can be adjusted to fit line communication requirements of the individual country indicated. Users may specify the country they are located in by selecting the "Country" option under the System Settings Menu. Country list: others, US, UK, Germany, etc.



Always press **O** to confirm selection and **□** to exit menu



Press **>** to move forward and **<** to go back when scrolling through the sub-menu



II SOFTWARE UPGRADE

You can upgrade your InfoTalk with the latest software by using the Software Upgrade menu.

Access **Software Upgrade**

1. Press at the default screen.
2. Scroll to Software Upgrade and press .
3. Options available: Notify Upgrade, Upgrade.

InfoTalk can inform you of new Software upgrades if there is a new version available.

To set **Notify Upgrade**

1. Press at Notify Upgrade.
2. Press at On if you would like to be notified of an updated version.
3. InfoTalk will display <Upgrade Available> whenever your InfoTalk is connected to the ISP.

To **Upgrade** InfoTalk 7

1. Press at Upgrade option.
2. Press to accept on the upgrading process.

III CALLING FEATURES

InfoTalk 7 encompasses a rich set of value added calling features beside enabling InnoSphere Calls and Talk-to-Talk Calls

Call Waiting

If you have subscribed to the call waiting service, InfoTalk allows you to enter a disable code as well as an enable code for the call waiting service.

Please check with your local telephone company for these codes. You only need to disable or enable the feature once as InfoTalk will automatically enable or disable the phone line when the Internet call has ended.

Access to **Call Waiting**

1. Under System Settings, scroll to Call Waiting.
2. Options available are: Enable and Disable.

To Disable **Call Waiting**

1. Press at Disable.
2. Enter the code given by your local telephone company.
3. Upon completion, press to exit.



Default setting is
Notify Upgrade ON



To Enable **Call Waiting**

1. Press at Enable.
2. Enter the code given by your local telephone company.
3. Upon completion, press to exit.

Caller ID

If you have subscribed to this service from your local telephone company, InfoTalk will display the number of the caller whenever the phone rings.

To Access **Caller ID**

1. Press at the default screen.
2. Scroll to Caller ID and press .
3. Options available: Activation Control On / Off.

To set **Caller ID**

1. Once in Activation Control mode, press at either On / Off.
2. Select On will turn on Caller ID.

Received Calls

This calling feature works in conjunction with Caller ID to record the numbers of incoming calls on your InfoTalk device for both missed and answered calls. You can choose to **View** incoming call records, **Store** the numbers in your Phone Book or **Erase** the numbers.

To **View** Received Calls

1. In **Received Calls** scroll to **View**, followed by pressing .
2. InfoTalk will list the phone numbers of incoming calls one at a time.
3. Scroll through the call list with or .

To **Store** Received Calls

1. In **View** mode, press once to reach **Store** option.
2. Press to activate store function, LCD will display <Name:> on the screen.
3. Use the phone keypad to enter the name that you would like to assign for the phone number.
4. Press to confirm entries, InfoTalk will store the name and number in the Phone Book.

To **Erase** Received Calls

1. In **View** mode, press once, and scroll to reach **Erase** option.
2. Press twice to activate erase function.
3. Press to exit.



Caller ID service needs to be subscribed to through local phone service provider before incoming call's number can be shown on screen





Call blocking only works if you have subscribed to the Caller ID services from your local service provider



Call Blocking

This calling feature works in conjunction with **Caller ID** to block unwanted calls from pre-determined numbers. You can choose to **Add** new phone numbers in the block list either via **Phone book** or **Manually**. **View** your block list for further amendment and **Activation Control** allows you to turn on/off the feature.

To access **Call Blocking**

1. Press at Call Blocking.
2. Options available: Add, View and Activation Control.

To **Add** new phone numbers in the Call Blocking List

1. In **Call Blocking** mode, press at **Add** option.
2. Scroll to either **Manual** or **Phone Book** and press .
3. For **Manual** mode, enter any new numbers that you wish to block via the phone keypad or scroll to Phone Book for phone selection.
4. In **Phone book**, after scrolling on the numbers press to confirm adding the selected phone numbers in the Block list.
5. Repeat 1-4 to add more blacklist numbers.

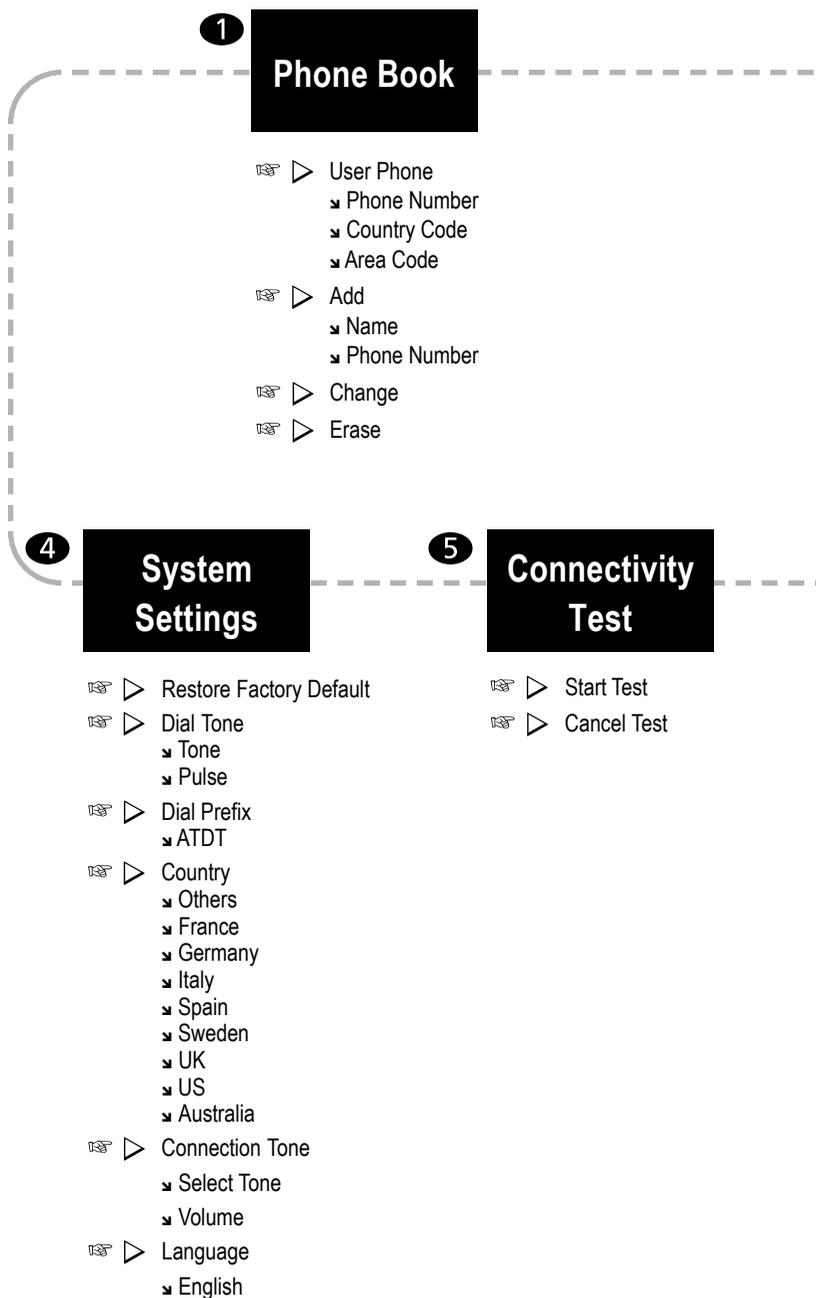
To **View** Blocking Number List

1. Press once after you have scrolled to **View** option.
2. Press or to view the phone numbers that are barred from calling your InfoTalk.
3. To **Erase** selected phone number from the Blocking List, press twice.

To enable Call Blocking via **Activation Control**

1. Press once after you have scrolled to **Activation Control** option.
2. Scroll or for On or Off mode.
3. Select **On** to activate Call Blocking, **Off** to disabled feature.

InfoTalk 7 Navigation Menu



2

Dial Up Settings

- ☞ ▷ Add
 - ▾ Name
 - ▾ ISPPhone Number
 - ▾ Login Name
 - ▾ Login Password
- ☞ ▷ Erase
- ☞ ▷ Select Default

3

InnoSphere Call

- ☞ ▷ Add
 - ▾ Profile 1
 - User ID
 - Password
 - ▾ Profile 2
 - ▾ Profile 3
- ☞ ▷ Change
- ☞ ▷ Select Default
- ☞ ▷ Hot Keys

6

Software Upgrade

- ☞ ▷ Notify Upgrade
 - ▾ On
 - ▾ Off
- ☞ ▷ Upgrade

7

Calling Features

- ☞ ▷ Call Waiting
 - ▾ Enable
 - ▾ Disable
- ☞ ▷ Caller ID
 - ▾ Activation Control
- ☞ ▷ Received Calls
 - ▾ View
 - ▾ Store
 - ▾ Erase
- ☞ ▷ Call Blocking
 - ▾ Add
 - ▾ Blocked Number
 - Manual
 - Phone Book
 - ▾ View
 - ▾ Activation Control

Chapter 4



MAKING CALLS WITH INFOTALK 7

This section provides information on how to make successful Internet calls, whether it is to any phone worldwide, or to another InfoTalk 7 user. It is quick to learn and easy to use.



Making Calls With InfoTalk 7



You need to ensure that the InnoSphere Call profile is entered & stored correctly before making InnoSphere Calls. Please refer to Chapter 1 - User Quick Start Guide for details



Press **[*]**, next press **[0]** for Follow-On-Call



Clock that appears during InnoSphere and the time shown on the InfoTalk screen indicate the remaining talk-time for your InnoSphere account



Before proceeding further, please verify that the following are completed:

1. Your InfoTalk is successfully installed as in Chapter 1 - User Quick Start Guide.
2. You have entered the necessary Profile information for **User Phone Number, Dial Up Settings** and **InnoSphere Call Profile Settings**.
3. Your InfoTalk has passed the Connectivity Test.

Please refer to the User Quick Start Guide before proceeding further.

If you have successfully completed these three pre-requisites, you are ready to make your first Internet Call via the InnoSphere network.

- InnoSphere Call
- Talk-to-Talk Call

There are 4 different access options to activate both InnoSphere Call and Talk-to-Talk Call:

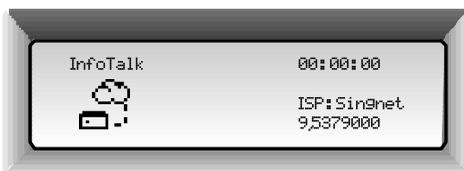
- Front Panel Buttons (via InfoTalk)
- Hotkeys (via Phone Keypad)
- Phone Book (store in InfoTalk)
- Online mode (via InfoTalk)

I FRONT PANEL BUTTONS

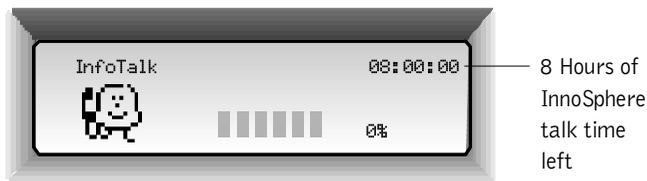
Front Panel Buttons enable you to activate both InnoSphere Call and Talk-to-Talk Call via a single button on the device.

InnoSphere Call

1. Pick up phone handset.
2. Wait for the  icon to appear on the screen.
3. Press **[i]** button, InfoTalk will display < InnoSphere Call:> on the screen.
4. Enter the callee's **Country code + Area code + Phone Number + #**
Example: To call a phone number in Shanghai
where 86 is the Country code
 21 is the Area code
 3351234 is the remote phone number
please dial 86 21 3351234 followed by # or **[O]** on the InfoTalk unit
5. Your InfoTalk will start the Internet connection automatically.



6. Within 1-2 minutes, you will hear a success tone and the screen shown below will appear when InfoTalk has accessed the InnoSphere network successfully.



When the remote party picks up the call, you can start your conversation.

Talk-to-Talk Call

1. Pick up phone handset.
2. Wait for the  icon to appear on the screen.
3. Press button, InfoTalk will display <Talk2Talk:> on the screen.
4. Enter your **IDD prefix + Country code + Area code + Remote phone number.**

Example: To call a phone number in Shanghai

where 001 is the IDD prefix

86 is the Country code

21 is the Area code

3351234 is the remote phone number

please dial 001 86 21 3351234

5. After 2 rings, press # or  button to initiate Internet connection.

6. You can choose to hang up your phone.

7. Both sides can pick up the phone again upon hearing the success tone.

8. The screen below will appear when both sides have picked up the phone.



Enjoy your Internet conversation.



You need a valid InnoSphere account in order to make InfoTalk 7-to-InfoTalk 7 calls



II HOTKEYS

This feature is especially useful if you are using a cordless phone and you are not near the InfoTalk 7 unit. You can use this feature to activate **InnoSphere Call** or **Talk-to-Talk Call** by entering the pre-defined codes set by user.

InnoSphere Call

1. Pick up phone handset.
2. Wait for 2-3 seconds.
3. Press the **Hotkeys** code that corresponds to InnoSphere Call on your phone keypad.
4. Enter the callee's **Country code + Area code + Phone Number + #**.

Example: To call a phone number in Shanghai

where 86 is the Country code

21 is the Area code

3351234 is the remote phone number

please dial 86 21 3351234 followed by #

5. Your InfoTalk will start the Internet connection automatically.
6. Within 1-2 minutes, you will hear a ring back tone when InfoTalk has connected to the InnoSphere network successfully.

When the remote party picks up the call, you can start your conversation.

Talk-to-Talk Call

1. Pick up phone handset.
2. Wait for 2-3 seconds.
3. Press the **Hotkeys** code that corresponds to Talk-to-Talk Call on your phone keypad.
4. Enter your **IDD prefix + Country code + Area code + Remote phone number**

Example: To call a phone number in Shanghai

where 001 is the IDD prefix

86 is the Country code

21 is the Area code

3351234 is the remote phone number

please dial 001 86 21 3351234

5. After 2 rings, press # or  button to initiate Internet connection.
6. You can choose to hang up your phone.
7. Both sides can pick up the phone again upon hearing the success tone.

Enjoy your Internet conversation.



There may be initial
IDD charges
depending on the
local telco service
provider, as some
service providers do
impose charges for
call connecting
process and also
before remote party
answers the call

Please check with
your local telcom
service provider for
more details



III PHONE BOOK

With this feature, you can easily scroll through your phone book and select the number you wish for auto dialing. It saves you the hassle of remembering and manually dialing long strings of phone numbers.

InnoSphere Call

1. Pick up phone handset.
2. Wait for the  icon to appear on the screen.
3. Press , InfoTalk will display < InnoSphere Call:> on the screen.
4. Press  to select phone book.
5. Press  or  to scroll to the location of the phone number or name entry of the person that you wish to call.
6. Press # or  button to confirm your selection.
7. Your InfoTalk will start the Internet connection automatically.
8. Within 1-2 minutes, you will hear a success tone when InfoTalk has connected to the InnoSphere network successfully.

When the remote party picks up the call, you can start your conversation.

Talk-to-Talk Call

1. Pick up phone handset.
2. Wait for the  icon to appear on the screen.
3. Press , InfoTalk will display < Talk2Talk Call:>.
4. Press  to select phone book.
5. Press  or  to scroll to the location of the phone number or name entry of the person that you wish to call.
6. Press  to activate your InfoTalk 7 to start the call automatically.
7. After 2 rings, press # or  button to initiate Internet connection.
8. You can choose to hang up your phone.
9. Both sides can pick up the phone again upon hearing the success tone.

Enjoy your Internet conversation.



Volume control

Press  on phone keypad to increase volume and press  to lower volume



IV ONLINE MODE

Once your InfoTalk 7 is in **Online mode**, you can start to make follow-on **InnoSphere Call** and **Talk-to-Talk Call** without spending time in re-connecting to the Internet.

Activate your InfoTalk to **Online mode** by pressing  button once. Your InfoTalk 7 will dial-up to the Internet and stay Online until you disconnect your device by pressing  button again.

While residing in Online mode, you can select either of the access modes to make **InnoSphere Call** and **Talk-to-Talk Call**

- Front Panel
- Hotkeys
- Phonebook

V CONFIGURE YOUR HOTKEYS

To access Hotkeys

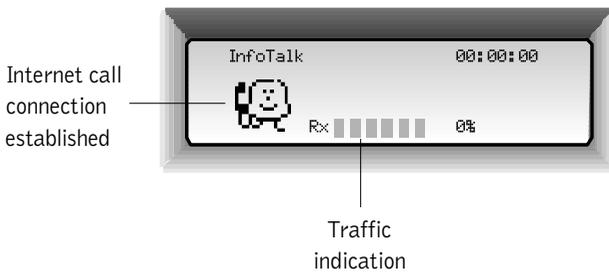
1. Under InnoSphere Call, scroll to Hotkeys.
2. Options available: **InnoSphere Call** and **Talk-to-Talk Call**.

To set Hotkeys for **Talk-to-Talk Call**

1. Press  at InnoSphere Call.
2. Scroll to Hotkeys and press  to enter option.
3. Scroll to **Talk2Talk** option and press  to enter option.
4. Enter your preferred code (up to 3 digits) to assign the Hotkeys for your Talk-to-Talk Call.
5. Press  to confirm and exit option.
6. Press  three times to exit menu.

To set Hotkeys for **InnoSphere Call**

1. Press  at InnoSphere Call.
2. Scroll to Hotkeys and press  to enter option.
3. Scroll to **InnoSphere Call** option and press  to enter option.
4. Enter your preferred code (up to 3 digits) to assign the Hotkeys for your InnoSphere Call.
5. Press  to confirm and exit option.
6. Press  three times to exit menu.



The traffic indication for InnoSphere call will show only the receiving voice packet loss rate of the local InfoTalk

Useful Traffic Indication

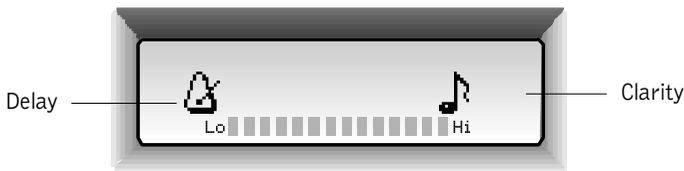
- During your Internet conversation, the screen will show 6 small squares either black or white. The more black squares there are, the heavier the Internet traffic is.

During your Internet conversation, you can tune the voice quality with the Performance Tuning features.

Performance Tuning

During InnoSphere Call

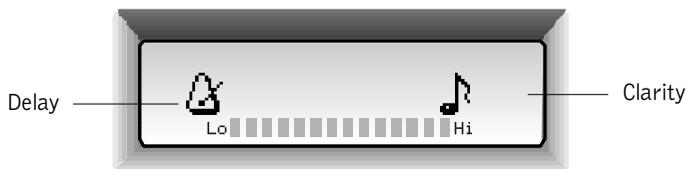
- Press on InfoTalk.
- You will see the screen below.



- Press or to tune accordingly.
- Press exit this section and to confirm.

During **Talk-to-Talk Call**

- Press on InfoTalk.
- Press if you would like InfoTalk to tune the voice quality automatically.



- Press or to tune accordingly.
- Press to exit this section and to confirm.

Transmit/Receive Rate Indicator

- Press **1** to check your InfoTalk's Transmit (Tx) & Receive (Rx) rate.
- InfoTalk will display the Transmit (Tx) & Receive (Rx) rate for both InnoSphere Call and Talk-to-Talk Call.

Chapter 5



TIPS & TROUBLESHOOTING

We have documented troubleshooting and usage tips for your reference IF you encounter minor problems in using InfoTalk. We hope this chapter will be most helpful to you.



- ? I saw the message "Line No Carrier"
- ✓ This situation occurs when the telephone line connecting to your InfoTalk is noisy. The noise could be due to
 1. A poor line quality.
 2. You are using a telephone line connected to other devices besides InfoTalk. To overcome this problem, please remove any other device(s) that is/are connected to the same telephone line as your InfoTalk. Alternatively, you may wish to make your call at a later time.

- ? While initializing Internet connection for Talk-to-Talk, I encountered the error message "System Time-out".
- ✓ This could be due to the receiving end not entering the same phone number as the one you dialed. Please verify that your receiver's phone number matches the number that you dial.
- ✓ Another reason is that your receiver's InfoTalk is not responding to your InfoTalk when it is trying to establish the connection. Such situation arises when the remote InfoTalk is off or your callee has hung up the line.
- ✓ You have not selected the correct Dial up Setting profile and InnoSphere Call Profile. Please proceed to accordingly for verification.

III. DURING INTERNET CONNECTION

- ? I saw the message "Calling ISP: (Your ISP Phone Number)", but after a while the connection dropped. What should I do?
- ✓ Did you connect another telecommunication device parallel to your phone line? Quite often, if another phone or a fax machine is connected parallel to the same phone line, it may create disruption and cause connection problems. You can disconnect other items from the phone line and have the line connected only to your InfoTalk.

- ? My InfoTalk has called up to the ISP but it receives the "No Line" message and the dial-up is not successful.
- ✓ The "No Line" problem might be due to dial tone detection while using the InfoTalk. InfoTalk by default will have a dial-tone check prior to making dial-up, if it can't detect the dial-tone, it will then return the "No Line" message. However, in phone network where the dial tone is unique, InfoTalk may not be able to detect it even if there is a dial tone. Please proceed to the Dialing Prefix section under System Settings, you may change the default value ATDT to ATX3DT, your InfoTalk will not attempt to detect dial tone now as you have updated it with this new command. (Note: For Australia, France and Germany ATX3DT setting is required)

IV YOU HAVE A SUCCESSFUL CONNECTION:

? I said something, but the other party didn't seem to be able to hear it. Why does this happen?

- ✓ Because there may be slight delays in the Internet calls, please be patient and answer the other party's greeting positively. The usual response is the simple word 'hello', and if you hear this, you can respond by saying 'Yes, I can hear you now'. If you say 'hello' as well, the other party might misunderstand it as his/her own echo. This can easily start a 'hello' loop which takes a while to end.

After the other party hears your confirmation, he/she can slowly adapt to the delay, and both of you will be able to get into a good conversation mode within the first minute of the conversation.

? What if the delay is very long?

- ✓ Sometimes when the network traffic is very busy, it will cause a long delay. DO NOT hang up right away. You can wait a while for the condition to improve.

? I could hear a lot of background noises. How can I reduce the noise?

- ✓ Background noise could be due to power interference. Are you using a phone with its own power supply? For more advanced phones like cordless phones or phones with clock or answering machine, the internal power supply may contribute some noise to your Internet call. You can verify this by using a regular phone for Internet calls, and you should hear much less noise now.

? How do I increase or decrease the voice volume?

- ✓ During the conversation you can press '3' on your phone key pad to increase the volume, or press '6' to decrease the volume.

? I communicated with the other party for a few minutes, and suddenly my connection is dropped. What happened?

- ✓ Is Call Waiting being disabled? If you subscribed to Call Waiting from your local phone company, you need to disable this option so that your Internet connection is not disrupted. Please refer to Chapter 3 under System Settings on how to disable and enable your Call Waiting.

V. AFTER THE INTERNET CALL

? I put down the phone after my Internet call, but when I wanted to make a second call, my key pad on the phone was not working. What should I do?

- ✓ Procedures:
 1. Switch off your InfoTalk and the power adapter.
 2. Disconnect your phone from the InfoTalk unit.
 3. Plug your phone back into InfoTalk and turn on the power on the power adapter, then your InfoTalk unit.
 4. After the Welcome Screen shows up on InfoTalk, pick up your phone and make a regular local call.
- Is the phone working now?
 1. If not, unplug the phone from InfoTalk and plug it into another wall phone jack. Try calling from that location.
 2. If the problem still persists, the problem could be in the phone. Connect another phone to InfoTalk and try a regular dial-out.

VI. INFOTALK USAGE WITH OTHER DEVICES:

- ✓ Recommended connectivity for InfoTalk
 1. Direct phone line connection to the wall.
 2. Use of normal telephone set with touch tone dialing.
 3. Need to disable Call Waiting in order to avoid call disruption.
 4. No parallel connection to any other devices. For example: PC modem, fax machine, another phone, etc.
- ? InfoTalk usage with my office PABX?
 - ✓ At this point, we do not have full support of InfoTalk usage to office PABX. Please take note that different PABXs use proprietary technology for the product implementation, hence full compatibility is difficult. However, please refer to the stated key points for reference as you plan to connect InfoTalk to your office PABX.
 1. Your PABX system should be a 2-wire system.
 2. Your PABX system should connect to PSTN analog line and not digital ISDN line.
 3. In order to utilize InfoTalk within your PABX system efficiently, it will be good to place the InfoTalk(s) at the lower order lines. Ex. If you have 8 lines for your PABX, it will be better to assign line 7 & line 8 for InfoTalk if you want to install 2 units within your PABX. This is more effective since lines 7 & 8 are the last 2 lines that will be used for normal phone communication.
 4. You should connect your InfoTalk in between the incoming analog phone lines and your PABX system.

VII. INFOTALK TIPS: THE IN-AND-OUT OF INFOTALK

- ✓ To start making calls using your InfoTalk unit, you will NEED an Internet Service Account that supports the Point-to-Point Protocol (PPP). Note: Some Online Services that do not support PPP MAY NOT work with InfoTalk. (Refer to Chapter 1 - User Quick Start Guide on how to enter your account information into your InfoTalk).
- ✓ You will also NEED an analog touch-tone phone to enter your Internet account information into the InfoTalk unit. (Refer to Chapter 1 - User Quick Start Guide for instruction on setting up your InfoTalk unit).
- ✓ Your Internet account information such as User ID/Login Name, and Password are all CASE SENSITIVE. It is important that you enter the exact characters into your InfoTalk. This information can usually be found in your Internet Service subscription package.
- ✓ To change from lower case to upper case, and vice versa, press the key with the letter you wish to enter on your phone pad, and hold for 1-2 seconds. This generates a toggle between lower and upper case. Note: If you are not able to toggle, it is most likely that InfoTalk is not able to detect your touch tones correctly. Using a different phone may correct the problem.
- ✓ Your InfoTalk is designed to store up to five different Dial Up Settings; hence information from five different Internet Accounts may be entered into the unit.
- ✓ After you have entered all the necessary information and connected the phone lines accordingly, you may want to perform a CONNECTIVITY TEST. To do so, select CONNECTIVITY TEST on your main menu. InfoTalk will prompt you to confirm the test. To confirm, press the  button on your unit. You will see the word 'Connecting.. .', then your InfoTalk will automatically call up your ISP. IF the connection is successful, you will be able to hear a success tone and see a successful confirmation.
- ✓ The modem used by InfoTalk can be adjusted to fit line communication requirements of the individual country indicated. Users may specify the country they are located in by selecting the SYSTEM SETTINGS menu, scrolling to the sub-menu 'Country', and choosing the individual country (Others, US, UK, Germany, etc.). Note: The factory default setting is set as 'Others'.

- ✓ IF the New Upgrade Available message disturbs your InfoTalk call, you may proceed to the NOTIFY UPGRADE section under SOFTWARE UPGRADE to turn the notification OFF and you will not be notified until you turn it ON again.

- ✓ IF you made multiple changes and you want to reverse all of them, you may proceed to the RESTORE FACTORY DEFAULT section under SYSTEM SETTINGS and press ○ to set the InfoTalk back to the original DEFAULT FACTORY SETTING.

- ✓ IF you have entered more than one Dial Up Settings with different Internet accounts in your InfoTalk, please use the SELECT DEFAULT feature under Dial Up Settings to choose the profile which you want to use for your Internet connection. If not, InfoTalk will use the first Internet account as its default profile.

Chapter 6



GLOSSARY

The new vocabulary that comes with InfoTalk. Once you learn it, you will be a savvy Internet user at the forefront of technology. It is cool to optimize technology for your convenience and savings.



FCC

Federal Communication Commission. A U.S government regulating body which oversees communication products in the U.S. FCC is also a renowned and internationally recognized reference body.

INNOSPHERE CALL PROFILE

In order to make calls to any phone around the world, or to another InfoTalk 7 unit, you need an InnoSphere account. This account consists of a user ID and a password.

HOTKEY

HotKey allows you to predefine InnoSphere Call and Talk-to-Talk Call using up to 3-digit codes. You can activate both dialing modes by pressing their codes respectively, from the phone keypad.

ISP

Internet Service Provider, the business entity which offers you the Internet access.

CONNECTIVITY TEST

It is a feature built into the InfoTalk whereby users can test their InfoTalk connection before they call up the remote party. Connectivity Test is designed to be a simple, one-step function for quick access. If the Connectivity Test is successful, a success message will be displayed on screen. However, if the test is not successful in the login stage due to login script problem, approach your Service Provider for assistance.

LANGUAGE

InfoTalk has included two languages for your LCD message, namely English and Spanish. You can select any one of them as the language that you would prefer your message to be displayed.

LCD

Liquid Crystal Display. The message screen on your InfoTalk unit.

LED

Light Emitting Diode, the Green and Red lights on your InfoTalk unit.

LOGIN NAME

Your User ID for your Internet account. Most of the Internet accounts use alphanumeric characters for login name.

EXAMPLE : Login name is : john123
 Internet Service Provider is : EXAMPLE.com

NOTIFY UPGRADE

When there is new upgrade available, you will be notified automatically provided you are using the InfoTalk and have access to our InfoTalk server. However, you have the option of disabling the notification, if you are happy with the current version and no new upgrade is needed.

OFFHOOK

Lift phone handset up to be in dialing mode.

ONHOOK

Place phone handset back to the phone to be in receiving mode.

ONLINE MODE

Pressing the  button will automatically initiate an Internet connection. Upon successful Internet connection, InfoTalk will maintain this online status until it is manually terminated.

PERFORMANCE TUNING

A built-in capability that allows you to adjust the InfoTalk call voice quality during conversation by adjusting the following two factors: clarity and delay. Press  to access Performance Tuning and press   to adjust accordingly.

PHONEBOOK

A built-in feature of your InfoTalk which allows you to electronically store short nicknames and phone numbers for up to 50 of your contacts.

RESET

Turn off your InfoTalk unit, wait for 5 seconds, and turn it on again, this is a simple method to restart the system.

RS 232 HOST INTERFACE

The 9-pin serial connection area at the back of your InfoTalk. The serial connection allows you to download profile and upgrade your InfoTalk through a PC.

Rx

Data receiving speed of the InfoTalk.

TRANSMIT/RECEIVE RATE INDICATOR

A feature that enables users to check the local and remote sides transmit & receive speed to the respective ISPs.

Tx

Data transmitting speed of the InfoTalk.

VOICE PACKET LOSS MONITORING

A feature that enables users to evaluate the network condition on the local side as well as the remote's side.

Chapter 7



PRODUCT APPROVAL INFORMATION

InfoTalk is a communication product with global focus. Overtime, we will see increasing product approvals for InfoTalk 7 at different countries and regions.



Product Approval Information

I. FCC PART 68 INFORMATION

This equipment complies with Part 68 of the FCC Rules and the requirements adopted by ACTA. On the bottom of this equipment is a label that contains, a product identifier in the format US:AAAEQ##TXXXX. If requested, this information must be provided to your telephone company.

A plug and jack use to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The REN is used to determine the number of devices that may connect to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact your local telephone company. For product approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without the decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

If this equipment InfoTalk 7 causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in it's facilities, equipment, operations or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this unit, for repair or warranty information, please contact customer service at the address and phone listed below. If the equipment is causing harm to the network, the telephone company may request that you disconnect the equipment until the problem is resolved.

DO NOT DISASSEMBLE THIS EQUIPMENT. It does not contain any user serviceable components.

We recommend the installation of an AC surge arrester in the AC outlet to which this equipment is connected. Telephone companies report that electrical surges, typically lightning transients, are very destructive to customer terminal equipment connected to AC power sources.

Attn: Customer Service Dept
InnoMedia, Inc.
186 Topaz Street
Milpitas, CA 95035-5429
Tel: (408) 432-5400
Fax: (408) 432-5404

II. FCC DECLARATION OF CONFORMITY

PRODUCT NAME: Stand-Alone Internet Adaptor for Analog Telephone and PABX

MODEL NUMBER: IM0307

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B

OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the 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.

INFORMATION TO USER:

This equipment has been tested and found to comply with the limits of 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 or more of the following measures:

1. Reorient/Relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

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

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

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