Together

Korea MutalTech

<name>

Chatting

Setting

L   H
Internet

IP

TDM

Call /
End

x

0 : 00 : 00

<phone no.>

<state information>

Enjoy International Talking!

Internet Phone

Together™

User's Manual

KMT **Korea MutalTech, Inc.**
Multimedia & Digital

Contents

1. About Together

Together is an internet phone that allows telephone conversation using PCs connected to the internet.

1.1 Service Type

Characteristics of Together

Together is a PC-based internet phone, and makes services without any support of service provider. Most of the existing internet phone services make phone calls available with the support of internet phone service companies, and have the disadvantage that users have to pay registration fee and monthly usage fee or fixed monthly charge. Also, due to severe competition, some companies are withdrawing from the market, in which case, equipments like terminals that users purchased for high price in the beginning become useless and there is no guarantee that users can get repaid their registration fee.

However, the initial purchase cost of Together is lower than other similar products. Once equipments are purchased, users need not expend additional costs. Also, since there are not many occasions users have to rely on the manufacturer, users can use the service without worrying about manufacturer's bankrupt. Because it is possible to dial local telephone number only in any place through the world, Together is very convenient, too.

Functions and Advantages

- PC-to-PC conversation
- PC-to-Phone conversation
- Phone-to-PC conversation
- Phone-to-Phone conversation
- Chatting
- Free conversation between PCs.
- Very convenient and economical
- Once purchased, usable for lifetime
- Usage is independent of manufacturer
- No additional cost like registration fee or monthly charge

Customer Classification

Together's customer basis composed of two groups: customers without phone network(gateway not installed) and customers with phone network(gateway installed).

- Customers without phone network: They are customers who have not installed gateway, and make calls for free and receive calls at PC.
- Customers with phone network: They are customers who have installed gateway. They can perform the functions of customers without phone network and acts as relay for calls made from normal phones and are charged for normal phone receipt fee.

System Composition

The system composition of Together is shown in the figure below.
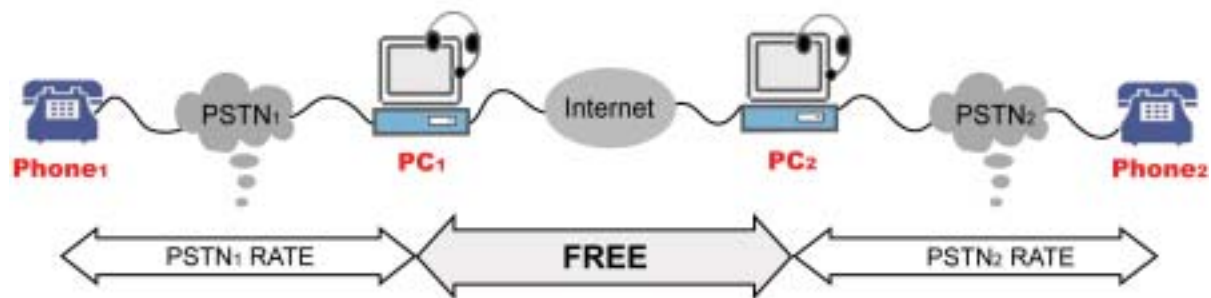
	PC-to-PC	PC-to-Phone	Phone-to-PC	Phone-to-Phone
Conversation	PC_1 to/form PC_2	PC_1 to $Phone_2$ PC_2 to $Phone_1$	$Phone_1$ to PC_2 $Phone_2$ to PC_1	$Phone_1$ to/from $Phone_2$
Rate	Free	$PSTN_2$ rate $PSTN_1$ rate	$PSTN_1$ rate $PSTN_2$ rate	$PSTN_1$ rate and $PSTN_2$ rate

Model

Service types of Together for each model are shown in the table below.

Model	Standard	Econo	Econo
Service Types	- PC-to-PC Call - PC-to-Phone Call - Phone-to-PC Call - Phone-to-Phone Call	- PC-to-PC Call - PC-to-Phone Call - Phone-to-PC Call	- PC-to-PC Call

Product Package

Open the package box and see if the composition of package is as shown in the table below and if there is any damage on the appearance.

Package	Product Composition	Product Image

Standard	Program CD: 2 Gateway: 2 Phone line cable: 2 User manual: 2	
Econo	Program CD: 2 Gateway: 1 Phone line cable: 1 User manual: 2	
Econo	Program CD: 2 User manual: 2	

1.2 Use Environment

PC Environment

Following PC environment must be provided to use Together. Check on the box if you confirm the items.

Item	Basic Requirements	Check
CPU	Pentium 166MHz or above	
Memory	64MB or above	
OS	Windows 98, 2000, XP	
Internet	Connected	
Sound	Speaker and microphone	

Verify that the speaker and microphone function is properly operating.

- Record on Sound Recorder after clicking <Sound Recorder> from the Windows screen(Start - > Programs - > Accessories - > Entertainment), and play the recorded file. If you can hear the recorded sound, it means both speaker and microphone are properly operating.

- If you can hear your own voice through the speaker while you are recording, the quality of conversation may be deteriorated. Check the sound elimination at microphone balance at the Volume Control screen after clicking <Volume Control> from the Windows screen(Start - > Programs - > Accessories - > Entertainment).

5

IP Environment

IP is an address that indicates the location of a computer on the internet. The IP(public IP)s are uniquely defined on the entire internet and are divided into fixed IP and dynamic IP. Fixed IP means IP does not change once it is assigned to a computer. Dynamic IP is assigned to a computer by the internet service provider every time the computer is booted up and connected to the internet and thus the IP changes every time.

When multiple computers use the internet with one public IP, the IP is called a private IP. The private IP is not the unique address on the internet but the IP that only a company or a user uses. If you want to know what type of IP is assigned to your computer, contact your internet service provider.

There are pseudo internets which can not support all internet protocols. Those pseudo internets mostly use private IP in both sides, or sometimes use public IP with limited functions.

In operating Together, IP plays a very important role and Together might not operate properly depending on combinations of IPs. Together operates well in all the regular internets. Because Together might not operate properly in case of pseudo internet, it is recommended to use regular internets when users use Together.

1.3 After Sales Service

Korea MutalTech, Inc. is doing its best to provide the best after sales service to its customers. Customers can get after sales service and customer support through Korea MutalTech, Inc. homepage(www.mutaltech.com), e-mail(customer@mutaltech.com), phone, or mail.

Questions and Technical Support

- If you have any questions regarding the use of Together, please first refer to this User Manual and the Electronic Manual.
- If you refer to the Product Q&A on Korea MutalTech, Inc. homepage and send questions, we will reply quickly.
- For other matters, please use e-mail, phone, or mail.

Electronic Manual

- To provide better services, the User Manual contained in the product package can be partially modified.
- If you visit Korea MutalTech, Inc. homepage for the Electronic Manual, you can view the updated and detailed Electronic Manual.
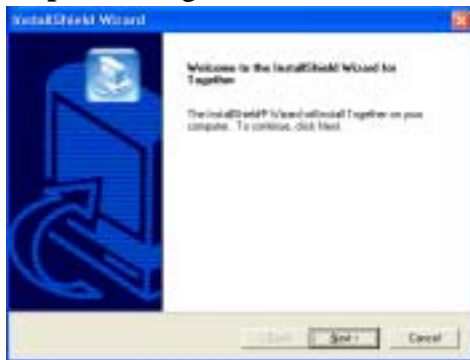
2. Installation
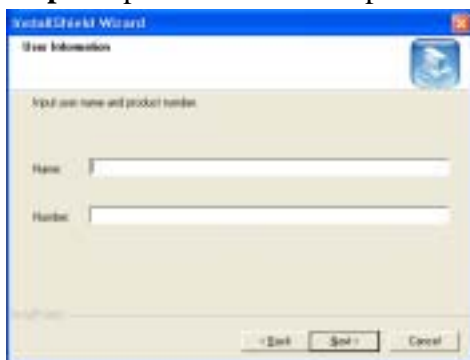
2.1 Installing Main Program

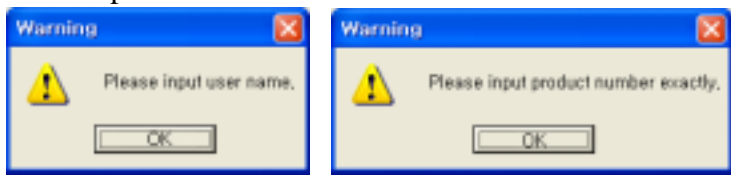**Step 1** Insert the program CD into CD-ROM and please wait. It is preparing for installation.
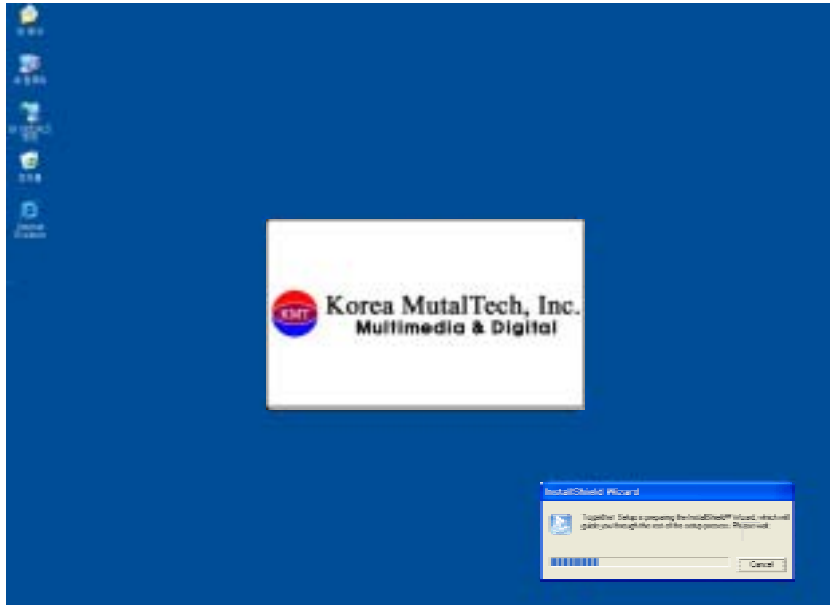
Step 2 Starting installation. Click <Next>.

Step 3 Input user name and product number. Click <<u>N</u>ext>.
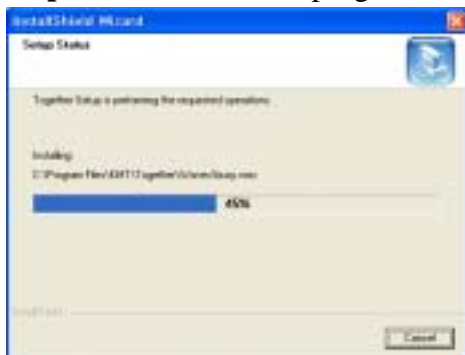
Caution	When user name is not input or product number is incorrect, the window below shows up.

Caution	Installing program with same product number at more than two PCs, the execution of the program is hung up because of program trap.

Step 4 Click <Next>.

Step 5 Installation is in progress. Wait till completed.

Step 6 Click <Finish>. The installation of the main program is completed.

2.2 Main Program Reinstallation

Reinstallation is needed when the main program is updated or the existing program is deleted for reinstallation because Together does not properly operate.
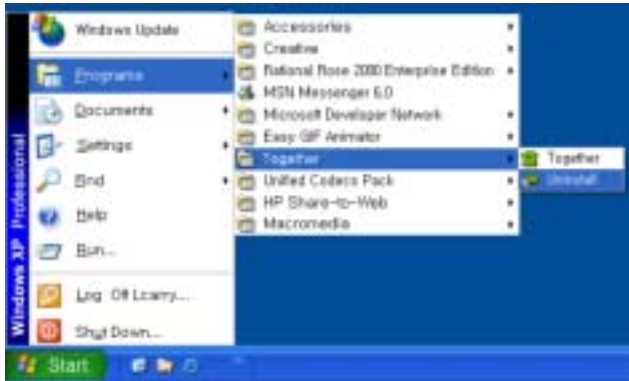

[Reinstallation Process]

Uninstall Main Program

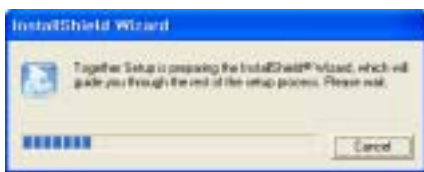Reinstall according to the procedure for **2.1 Installing Main Program**

Following is the method of deleting on Windows XP. The method is the same on Windows 98/2000 except some differences in window composition.

Uninstalling Main Program

Step 1 Click <Together uninstall> from the Windows screen(Start - > Programs - > Together)

Step 2 It is preparing for uninstallation. Please wait.

Step 3 Select Remove and click <Next>.

Step 4 Click <OK>.
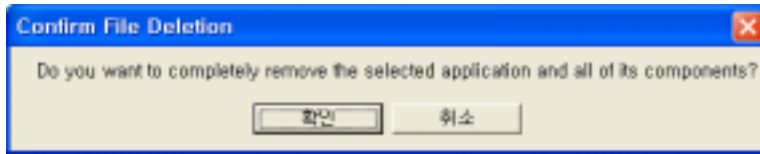
Step 5 Uninstalling in progress. Please wait till completed.

Step 6 Uninstallation is successfully completed. Click <Finish>

Step 7 Confirm uninstallation of Together form the Windows screen(Start - > Programs).
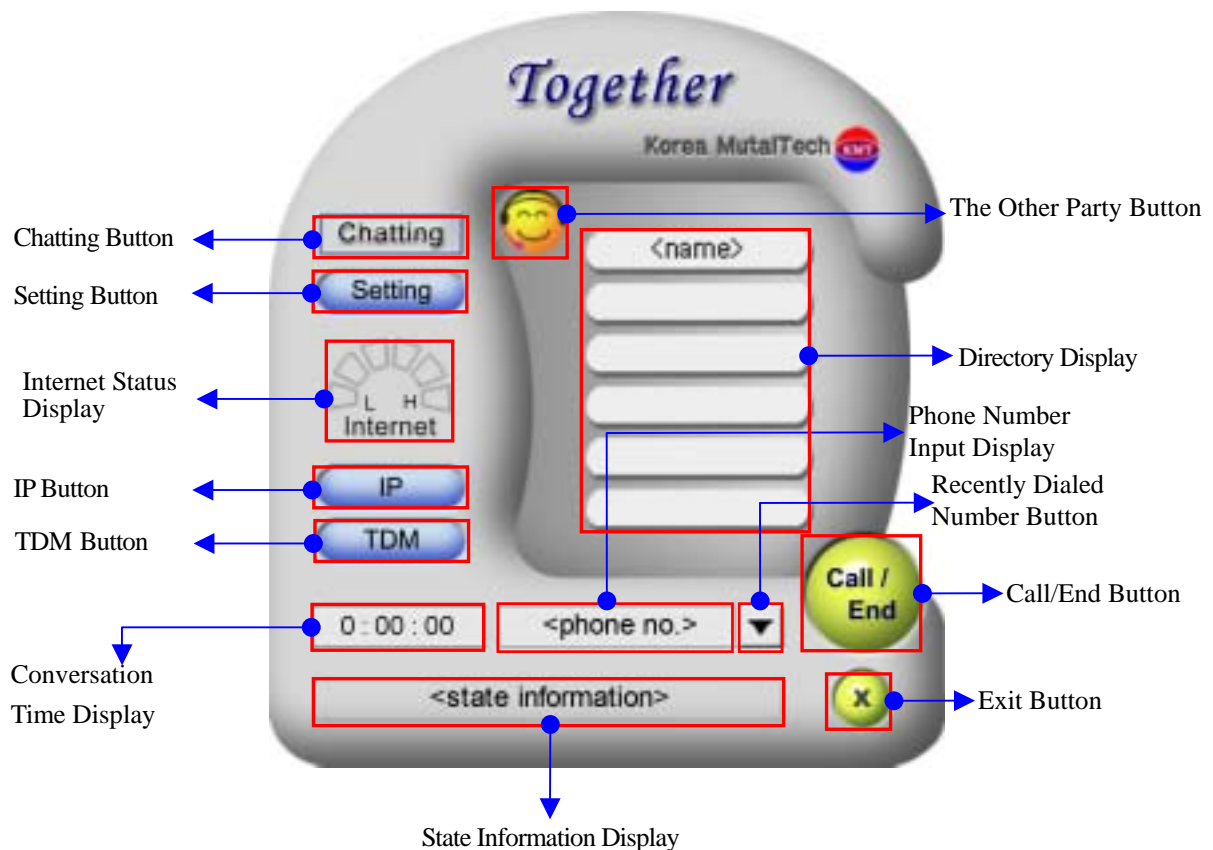

Reinstalling Main Program

Reinstall according to the procedure for **2.1 Installing Main Program.**

3. Starting

3.1 Softphone

The following shows Softphone of Together and its components. Getting used to Softphone is very helpful in making the most use of Together.

State Information Display

Internet Status Display

It displays the internet status between two Together PCs. If the internet status is close to H, it means good status, if it is close to L, the status is not good and can cause inconvenience to conversation.

Conversation Time Display

On the sending PC, the time starts to count from the point when call is requested, while on the receiving PC, the time starts to count from the point when the call is received.

Recently Dialed Number

The user can view the recently dialed numbers, and select a number from the numbers displayed to make a call.

State Information Display

State information of Together such as 'Standby', 'Under connecting to other party', 'Connection' is displayed to user.

IP Button

If pressed, the screen to change the other party's IP address is displayed.

TDM Button

If pressed, 'Directory' button and 'RAD(Receiving Available Directory)' button for telephone directory management are displayed
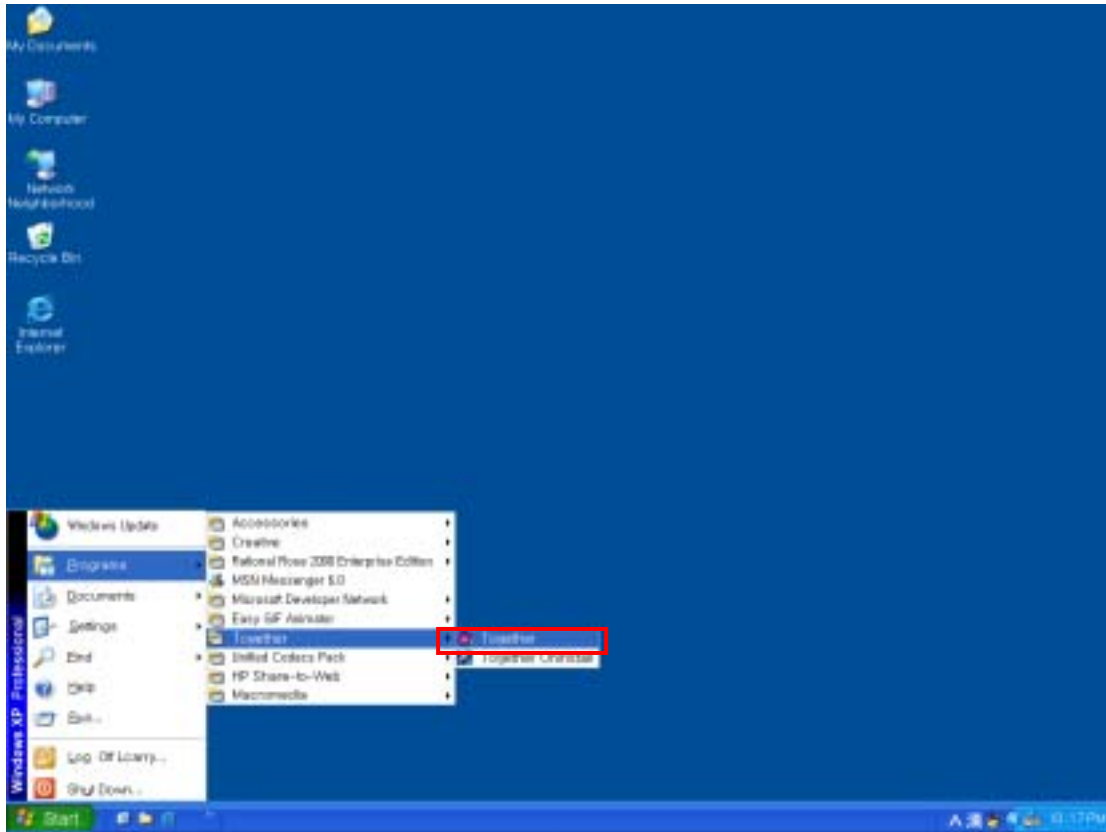
Exit Button

Press to stop Together execution

3.2 Starting

When the installation is successfully completed, double-click on the desktop and run the program.

When icon is not on the desktop, click <Together> from the Windows screen
(Start - > Programs - > Together) to run it.

After installing the program, when running Together first, 'The other party's IP Input'
screen is displayed. Please input the other party's IP address for conversation and click
<OK> .

Caution	Press 'IP' button on Softphone if you want to change the other party's IP address thereafter.

This screen is shown when Together is run properly.

3.3 Environment Setting

In order to utilize Together better, efficient environment setting is necessary. The content of environment setting can always be modified when necessary. See the following figures, screenshots, explanations, and examples.
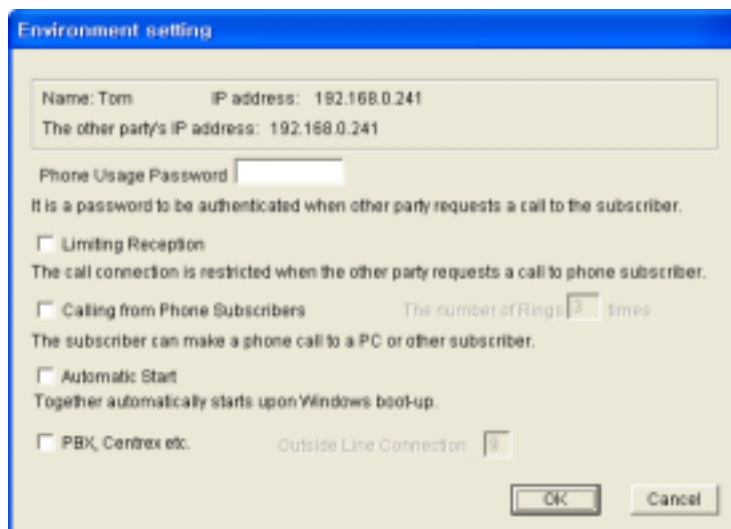
Only parts of the options are displayed as activated on PCs which have not installed gateway.

Phone Usage Password

- It is the password needed for verification when the user tries to make a phone call through PC-to-Phone conversation.
- Password may be changed when necessary, and the other party must know the changed password.

Ex) When 'PC$_1$' makes a phone call to 'Phone$_2$', 'PC$_1$' must know the Phone Usage Password of 'PC$_2$'.

Limiting Reception

- When Limiting Reception is selected on PC-to-Phone and Phone-to-Phone conversations, calling to pone subscribers is limited.
- In such case, the user can only make calls to the numbers in 'RAD(Receiving Available Directory)' on 'TDM' button.

Ex) When 'Phone$_1$' or 'PC$_1$' makes a phone call to 'Phone$_2$' and when 'PC$_2$' is set to 'Limiting Reception', they can only make calls to the numbers in'RAD'.

Calling from Phone Subscribers

- On Phone-to-PC and Phone-to-Phone conversations, this option must be selected in order to make phone subscribers to be able to make calls, and connection is made after ringing as the number of times as set.

Ex) When 'Phone$_1$' make calls to 'PC$_2$' or 'Phone$_2$', select 'Calling from Phone Subscribers' from the Environment Setting on 'PC$_1$'.

Automatic Start

- This option makes Together to start automatically when booting computer.

PBX, Centrex etc.

- This option is selected when the phone line of PC with phone network is connected to PBX, Centrex etc.
- 'PBX, Centrex etc.' is selected first, and input 'Outside Line Connection Number'.

Ex) If number '9' must be pressed to connect the trunk line, input '9' as 'Outside Line Connection Number'.

4. Making Calls

[Matters to be checked before calling]

Is the current status 'Standby' and is 'The Other Party' button activated.

'The Other Party' button
- Activated(orange)
- Deactivated(gray)

Standby
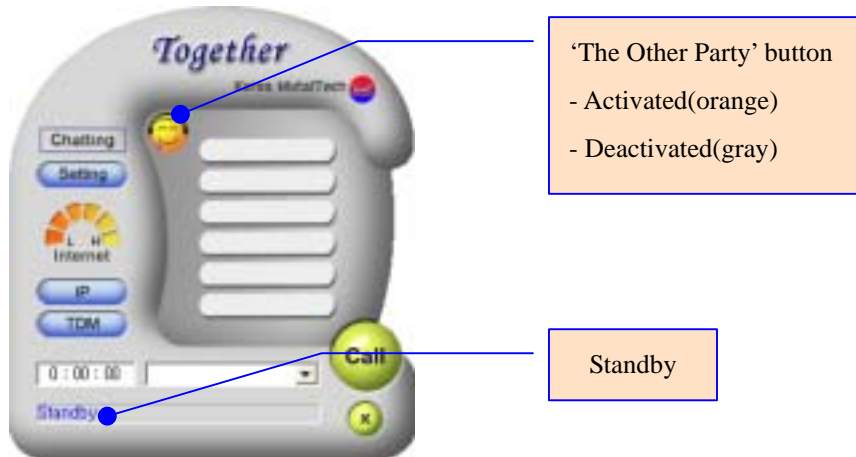
Are you using other audio devices (eg: Windows Media, WinAmp, or Recorder)?

4.1 PC-to-PC Call

This call is made from the sending(calling) PC to the receiving PC. It is free of charge.

Any PC can be the calling PC through downloading, but should follow the preprocudure for download client.

[Preprocudure for Download Client]

Step 0-1 Execute your web browser.

Step 0-2 Input the other's IP address on URL input box.

Step 0-3 Click, then program is downloaded and start automatically.

Step 0-4 The status has been standby.

Step 1 Press 'The Other Party' button.

Click
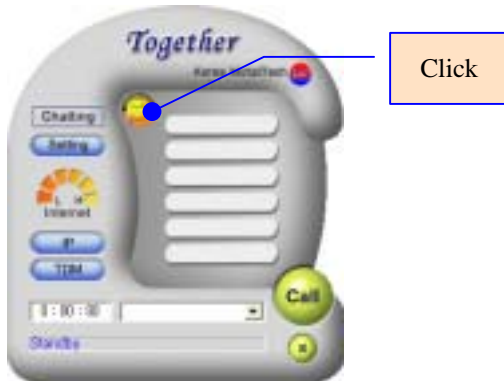
Receiving PC: 'Call Request' window shows up

Click

Step 2 Both PC clients make conversation.

'The Other Party' button is set to busy

Busy

Caution	When window like this shows up, check whether your computer or the other party's computer is using audio device. In some cases, calls cannot be made when audio devices are in use.
	or

Step 3 To end calls

Press

4.2 PC-to-Phone Call

This call is made from PC to normal phones(including cellular phones). Telephone charge is paid by the customer who installed gateway.

Any PC can be the calling PC through downloading(refer to 4.1 PC-to-PC Call). In this case, it is possible to input phone number through **1. Input phone number directly** way only.

Step 1 Input phone number.

[Remote Dialing]

Type in phone number based on the area where the phone network subscriber customer is living, i.e., remote area.

Ex) Area where phone network subscriber customer is living: Daejeon

    Daejeon area: 825-2535(input digit only)

    Area other than Daejeon: area code-825-2535

The same applies to Phone-to-Phone call.

There are three ways to input phone number.
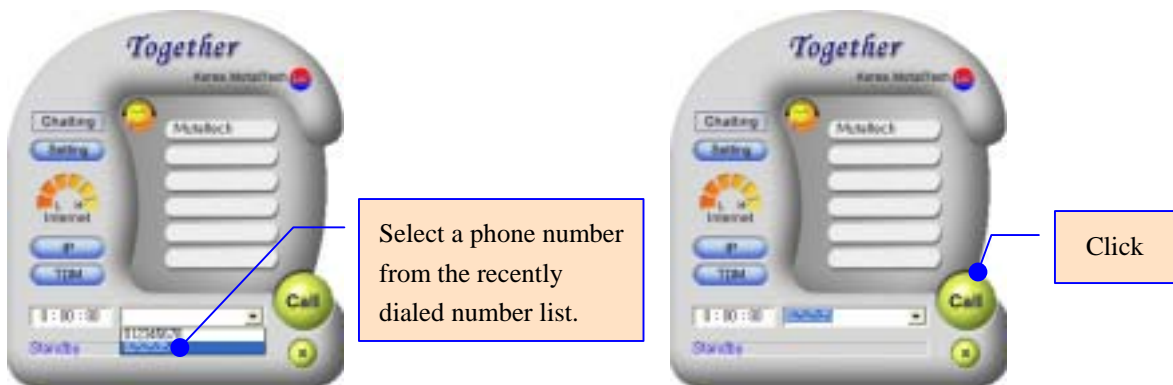
1. Input phone number directly.
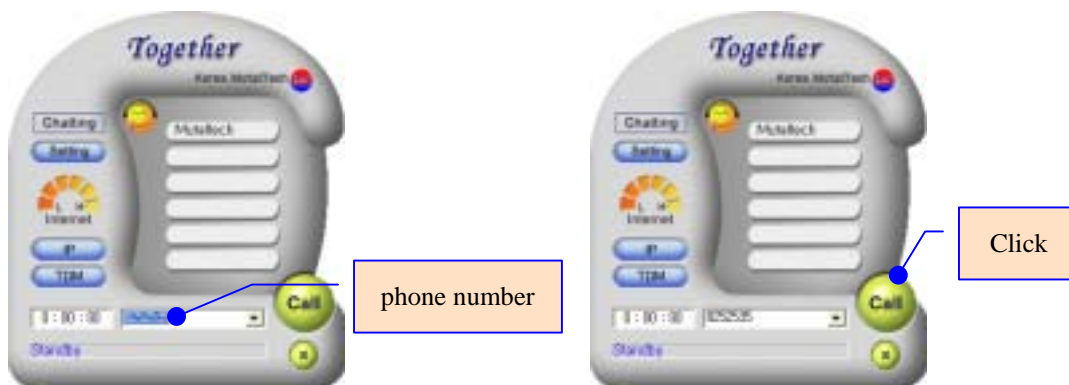
2. Select a name from 'Directory' and click.

Click
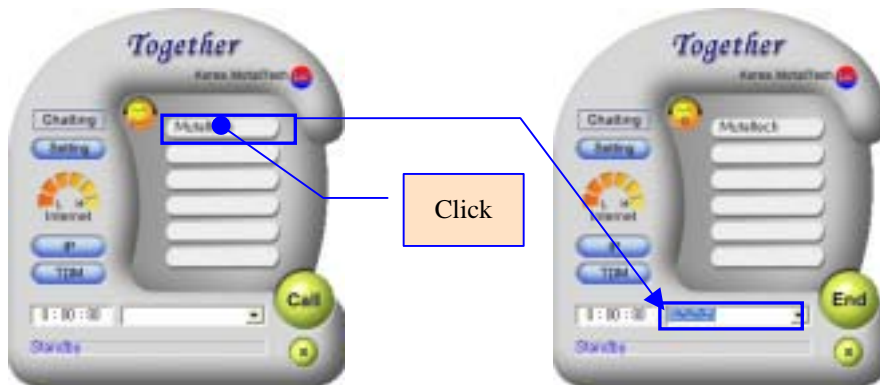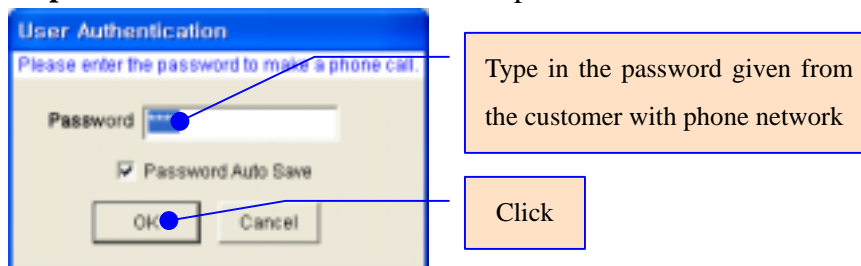
See **5.2 Telephone Directory Management** for registering names on 'Directory'.

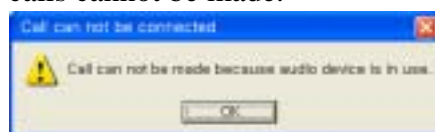3. Select a phone number from the recently dialed number list.

Select a phone number from the recently dialed number list.

Click

Step 2 'User Authentication' screen output.

Type in the password given from the customer with phone network

Click

Caution	When the following window shows up, check if audio devices on your PC or the other party's PC are in use. In some cases, when the audio devices are in use, calls cannot be made. or
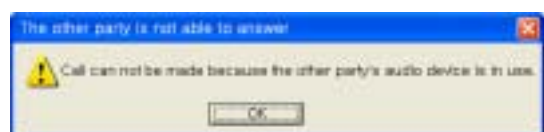
Caution	When the following window shows up, the phone network subscriber customer is using the phone. Try later when the phone call is finished.

| Caution	When the following window shows up, it means you try to make a call to the number that is not in 'RAD (Receiving Available Directory)'. Check 'RAD' and try again.

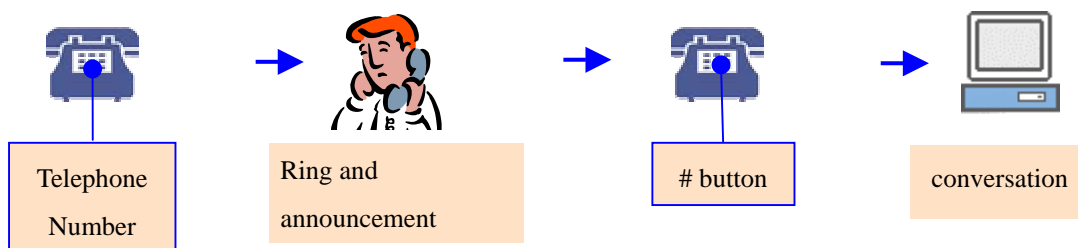**Step 3** 'PC client' and 'phone client' make conversation.

Step 4 To end calls

Press

4.3 Phone-to-PC call

In this mode, a call is made from a phone to the other party's PC. Gateway must be installed on calling side's PC, and the telephone fee is charged to the customer who makes the call.
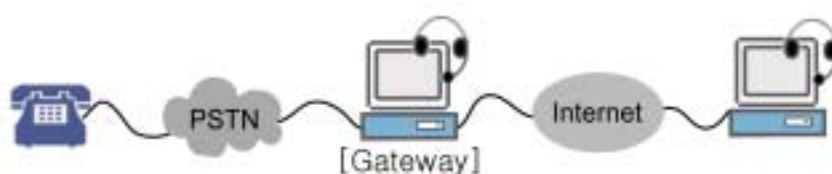
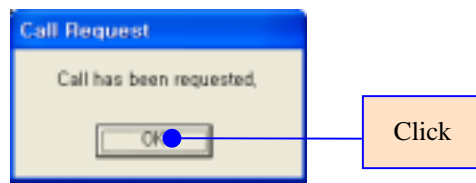| Telephone Number | Ring and announcement | # button | conversation |

Step 1 Press the local phone number of phone network customer from normal phone. Bell rings as the number of times as set in Environment Setting.

[Content of Announcement]
If you want to make a call to a PC, press #, if you want to make a call to a phone, press the phone number and press #. When the calls is finished, press *.

**Step 2** When the announcement is heard, press # button.

PC Client:

Click

| Caution	When the audio device of the receiving PC is in use, an announcement is made. Please check with the receiving PC. In such case, the receiving PC should make alert sound. [Content of announcement] Since the receiving party is using audio device, you can not make a call

Step 3 'Phone client' and 'PC client' make conversation.

Step 4 To end calls

Press * and hang up the phone.

[Phone Client]

Press

[PC Client]
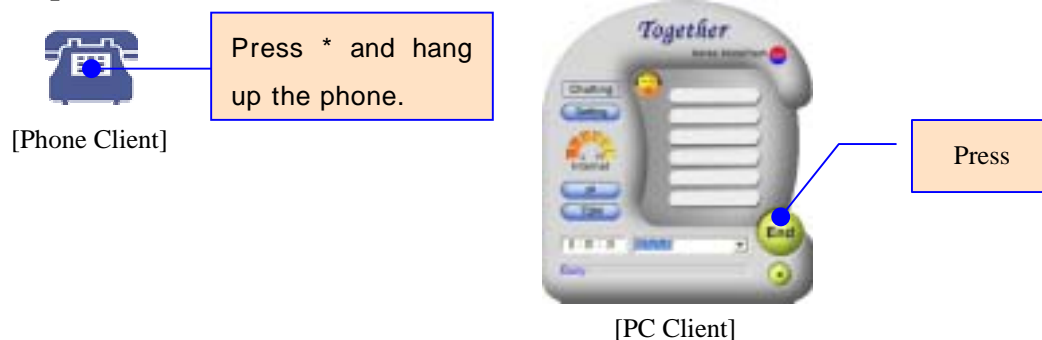
4.4 Phone-to-Phone Call

This applies to a call made from a phone to a phone. PCs on both sides must have gateways installed. Telephone fee is charged to the customer who makes the call and who has installed the gateway.
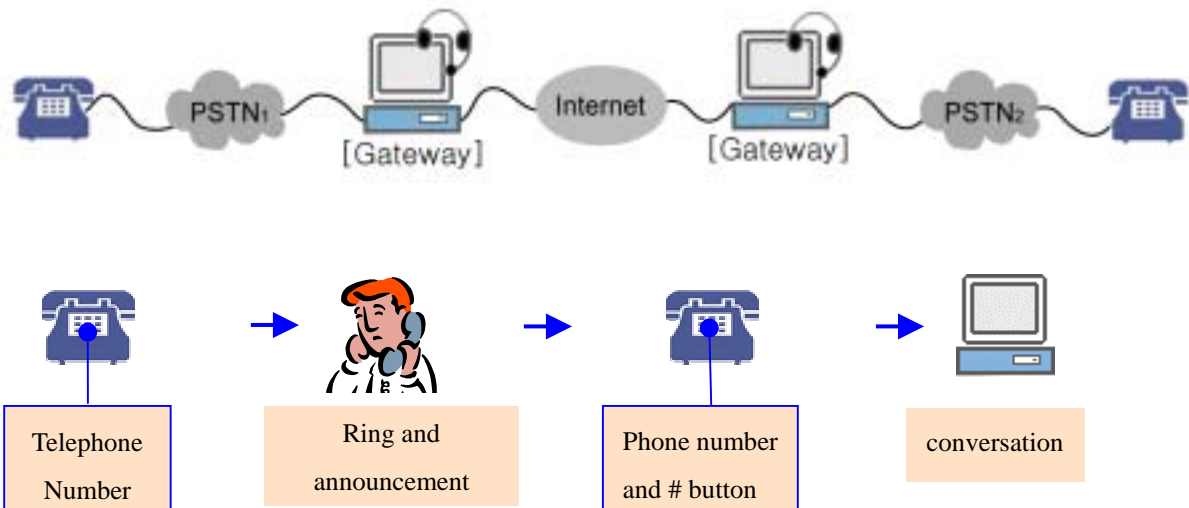
| Telephone Number | Ring and announcement | Phone number and # button | conversation |

Step 1 Press the local phone number of phone network customer from normal phone. Bell rings as the number of times as set in Environment Setting.

[Content of Announcement]

If you want to make a call to a PC, press #, if you want to make a call to a phone, press the phone number and #. When the call is finished, press *.

Step 2 When the announcement is heard, press the remote phone number and # button.

Caution	When a call is made to a number that is not in 'RAD(Receiving Available Directory)', the call is not made and an announcement is made. Check 'RAD' and make a call. [Content of announcement] The number you dialed is not allowed.

Caution	When the phone connected to sending PC is in use, an announcement is made. [Content of the announcement] The phone line on receiving PC is in use.

Step 3 Both phone clients make conversation.

[**Method of Extending Call Time**]

- Call time is limited to 1 minute.

- Alert bell rings 10 seconds before the end of call. If the caller press any button except *, the call is extended one minute by one minute.

- Since the alert bell is heard by the caller, call time extending can be done by the caller.

Step 4 To end calls

Press * button and hang up the phone.

[**Call Information**]

Call information (phone number, time, date and conversation time) of the call which the telephone charge is paid by the agent PC is stored in the PC.
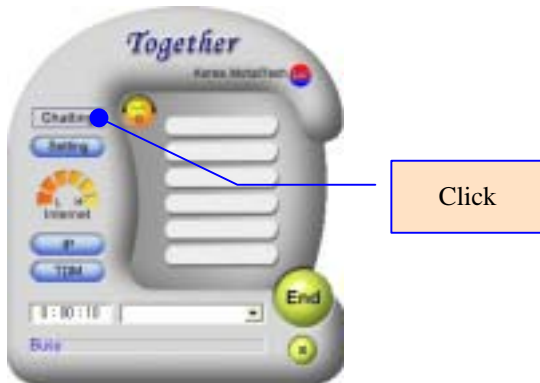
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5. Supplement

5.1 Chatting

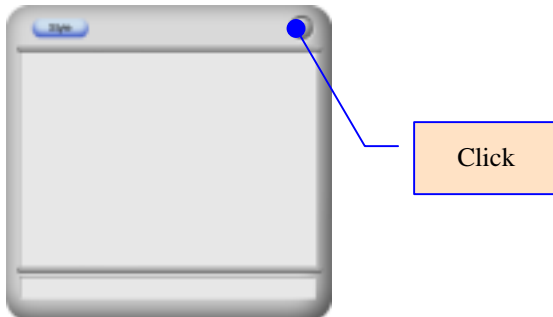Chatting is a communication function using characters between PCs.

Chatting

Step 1 Click 'Chatting' button.

Click

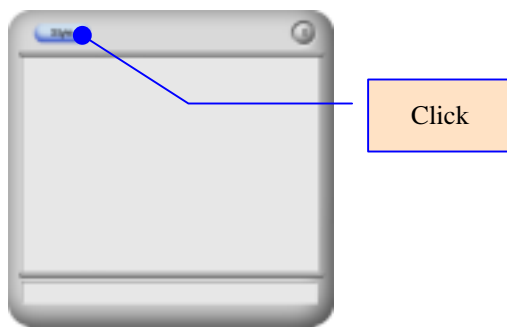**Step 2** Chatting screen is displayed and characters are exchanged.

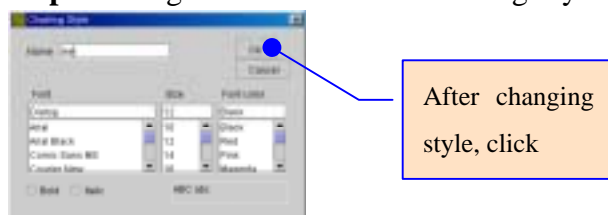**Step 3** To end chatting, click 'X'.

Click

Changing Chatting Style

Step 1 Click 'Style' button on the chatting screen.

Click

Step 2 Change the attribute on 'Chatting Style' screen.

After changing style, click

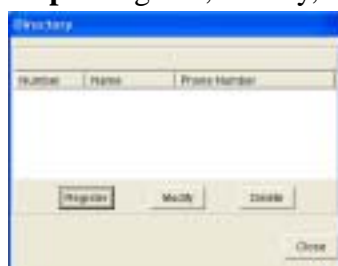## 5.2 Telephone Directory Management
'Directory' Management

The user can register names and numbers frequently used in 'Directory' and can make calls to those by clicking once.

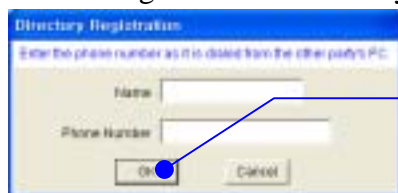**Step 1** Click 'TDM' button and select 'Directory' button.

Step 2 Register, modify, and delete from 'Directory' screen.

'Directory' registration
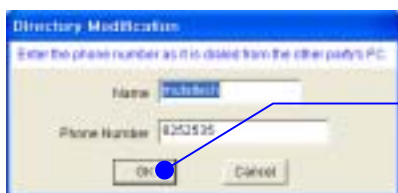
Click <Register> on 'Directory' screen.

> Input all the data and click <OK>, then the registration is completed.
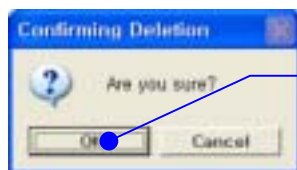
'Directory' modification

Select a number to be modified from the list in 'Directory' screen and click <Modify>.

> Modify data and click <OK>, then the modification is completed

Deletion and confirming deletion

Select a number from the list in 'Directory' screen and click <Delete>.

> Click <Yes> and the deletion is completed.

'Receiving Available Directory' Management

When 'Limiting Reception' is selected at Environment Setting, calling to the normal phone can only be made to the numbers in 'RAD(Receiving Available Directory)'.

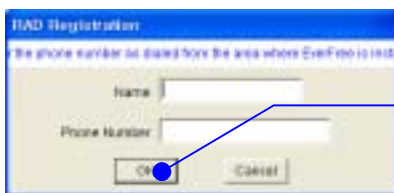**Step 1** Click 'TDM' button and select 'RAD' button.

Step 2 Register, modify, and delete from 'RAD' screen.
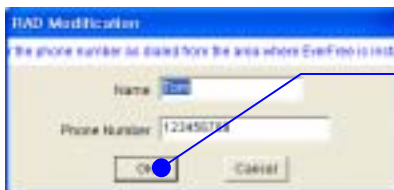

'RAD' registration

Click <register> from 'RAD' screen.

Input all the data and click <OK> to finish the registration.
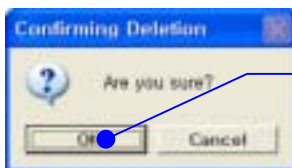
'RAD' modification

Select a number from the list in 'RAD' screen and click <Modify>.

Modify data and click <OK> to finish the modification.

Deletion and confirming deletion

Select a number from the list in 'RAD' screen and click <Delete>.

Click <Yes> and the deletion is completed.

5.3 Gateway Installation

Please install gateway according to the gateway installation manual.

FCC Compliance Statements

NOTE : This equipment has been tested and found to comply with the limits for 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 instruction , may cause harmful interference to radio communication. However , there is no guarantee that interference will not occur in a particular installation.

If this equipment dose 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 :

    -- Reorient or relocate the receiving antenna

    -- Increase the separation between the equipment and receiver.

    -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

    -- Consult the dealer or an experienced radio / TV technician for help.

Together™

Buy Once, Use Forever!