User Manual Information Agreement

The attached statement informing the user of his and the telephone company's rights and obligations will be included in the final version of the manual.

Signature :

Printed Name : Mayank Sharma

Title : Group Manager, Advanced Products Group

Date : 6th September 1999

Precautions

Before You read anything else, please observe the following:

Warning!
RFC Distribution (S) Pte Ltd DOES NOT represent this unit to be waterproof. To reduce the risk of fire, electrical shock, or damage to the unit, DO NOT expose this unit to rain or moisture.

Important Safety Instructions

When using your telephone equipment, these basic safety precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Use a dry cloth for cleaning without liquid or aerosol cleaners.
4. Do not use this product near water; for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The telephone may fall, causing serious damage to the unit.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect the product from overheating, these openings must not be blocked or covered. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be damaged by persons walking on it.
9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electrical shock.
10. Never push objects of any kind into this product through cabinet slots, as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electrical shock. Never spill liquid of any kind on the product.
11. To reduce the risk of electric shock, do not disassemble this product. Take it to qualified service personnel when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Refer servicing to qualified service personnel under the following conditions:
    A. When the power supply cord is damaged or frayed.
    B. If liquid has been spilled into the product.
    C. If the product has been exposed to rain or water.
    D. If the product does not operate normally when following the operating instructions.(Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive repair work by a qualified technician.)
    E. If the product has been dropped.
    F. If the product exhibits a distinct change in performance.

13. Do not use the telephone to report a gas leak in the vicinity of the leak.

Handset Battery Information

This equipment contains a rechargeable Nickel-Metal Hydride battery.

Battery Safety Precautions!
1. Do not dissemble, mutilate, puncture, wet, or dispose of battery in fire. Like other batteries of this type, if it is burned or punctured, it could release toxic materials which can cause injury.
2. Keep batteries out of the reach of children.

Selecting a Location

Before choosing a location for your new phone, there are some important guidelines you should consider:

1. The location should be close to continuous power outlet. (A continuous power outlet is an AC outlet which does not have a switch to interrupt its power.)
2. Keep the Base Unit, Charger and Handset away from sources of electrical noise such as motors or fluorescent lighting.
3. Be sure there is sufficient space to fully extend the Base Unit antenna.
4. The Base Unit and Charger can be placed on a desk or tabletop.
5. You should charge your new phone for 10 hours before completing the installation or using the Handset.

Connecting the Telephone Cords

Consider these safety guidelines before connecting the telephone cords:
Caution!
1. Never install telephone wiring or the USB cable during a lightning storm.
2. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected.
3. Use caution when installing or modifying telephone lines.

Modular jack requirement:
>   You need an RJ11 type modular jack, which is the most common type of phone
>   jack and might look like the one pictured here. If you don't have a modular jack,
>   call your local phone company to find out how to get one installed.

Make sure your package includes the items shown here:
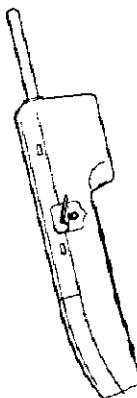
Handset
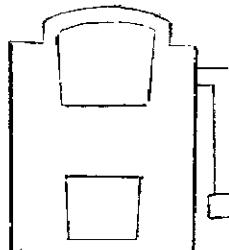
Base
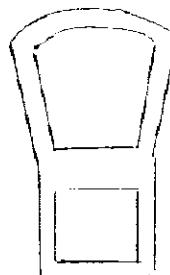
Charger
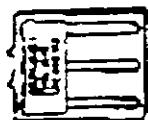
Nickel-Metal Hydride Battery
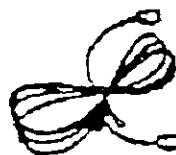
USB Cable
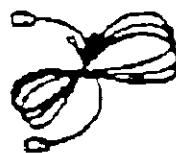
Telephone Line Cord
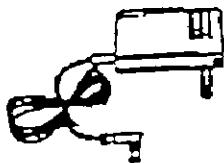
AC Power Adapter (2 pieces)

Holster
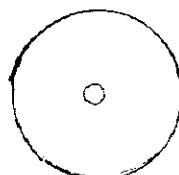
pcPiper Software Application CD

Handset Setup

1. Insert the battery into the compartment.

2. Install the battery compartment door.

IMPORTANT: If you don't charge the handset battery properly (for 10 hours) when you first set up the phone, the battery's long-term performance will be compromised.

TIP: In order to maximize your battery's use, we recommend that you periodically use the handset without returning to the base to drain the battery completely, then recharge for 10 hours.
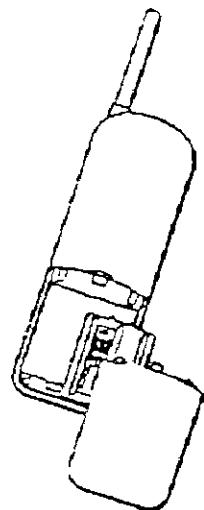
Desktop Installation

1. Plug the telephone line cord into the phone line jack (use the phone/modem jack if you are using a modem on the same line) on the back of the base and into a modular jack.
2. Plug the power supply cord into the DC 7.5V jack on the base and into an AC outlet.
3. Plug the USB cable into the USB jack on the base and into a USB port on your PC.
4. Lift the base antenna to the vertical position.
5. Place the Handset in the base to charge for 10 hours.

Wall Mount Installation

1. Plug the telephone line cord into the phone line jack (use the phone/modem jack if you are using a modem on the same line) on the back of the base and into a modular jack.
2. Plug the power supply cord into the DC 7.5V jack on the base and into an AC outlet.
3. Plug the USB cable into the USB jack on the base and into a USB port on your PC.
4. Lift the base antenna to the vertical position.
5. Install the base plate by putting the tabs into the slots on the top of the unit first, and then snapping the bottom tabs into place.
6. Slip the mounting holes over the wall plate posts and slide the unit down firmly into place. (Wall plate not included.)

Software Installation

1. Load the setup CD in the CD-ROM drive.
2. Run the program: Setup.exe to load the pcPiper software in your PC.

User Manual

WELCOME

Welcome to **PcPiper** - *Your floating assistant on call*. A revolutionary cordless phone that has the power to pipe information to and from your PC.

Features

A cordless phone with messaging power of PC. Look up a contact from PC to make a call, access emails and voice mails without having to walk to the PC.

- Make calls using your PC phone book. With just a click on a name, you can make a phone call without going to your PC.
- For Incoming calls, PcPiper looks through the PC phone book giving details of the caller on the display.
- Leave voice memos for other family member. The indicator will signal a waiting memo that the recipient can play.
- Notes can be taken by pressing the Voice Command button and the conversation is recorded on the PC for your future reference.
- Create Personalized greetings.

INTRODUCTION

This section explains detail of the various controls and physical buttons on the PcPiper device.

- **Display Screen** – The screen displays menu listing the various options available and the current status/activity of the device. PC Services are available only when the device is connected to the PC and is switched ON.

- **Home** – The **Home** button is used to return to the Home Screen from any sub menu or option. The Home Screen is different when the PC is switched ON and connected to the Base Unit of the PcPiper.

- **Cancel/Vol** – The **Cancel/Vol** button has the functionality of **Cancel** and also the **Volume** control. Works as **Cancel** button when information is requested from the PC. Sets the **Volume** for the earpiece and Annc. Speaker during a conversation.

- **Wiz Key** – The **Wiz Key** button is used to move from one option to another and also to select an option by pressing the key, when the required option is highlighted.

- **Left** – The **Left** button is used to scroll to the left to read the message or option displayed on the screen when the message length exceeds the display.

- **Right** – The **Right** button is used to scroll to the right to read the message or option displayed on the screen when the message length exceeds the display.

Note: A beep is heard when the button is pressed after the cursor reaches the left/right corner of the display.

- **Favorite** – The **Favorite** button is used to see the list of favorites stored in the device. Favorites contain the list of names and phone number of the people who are called frequently.

- **Search** – The **Search** button is used to select a phone number from the list of numbers stored in **In Calls** and **Out Calls**.

Note: Numbers are stored under **In Calls** only if the telephone line connected to the device has Caller ID facility.

- **Start/Stop** – Enables you to make or receive a call, and end a call. Press the **Start/Stop** button and all the other activities/ requests are cancelled at any point of time and dial the required number.

- **Numeric Keypad** – The numbers 1 to 9 along with 0, * and # are used in a similar manner like any other phone.

- **Flash** – Switches you to another call if you have call waiting. The Caller Id of the other incoming call is displayed if the CICW (Caller ID on Call Waiting) facility is available.

- **Hold** – Puts the caller on hold. Takes the caller off hold when you press it again. Enables you to listen to messages, Help, or a caller through the Annc. Speaker on the back of the handset. You can't speak into the phone when you are using the Annc. Speaker.

- **Redial** – Redials the last number dialed at the handset.

Note: The various controls and physical buttons on the PcPiper device explained below are available only when the base unit is connected to the PC and is switched ON.

- **Voice Mail** – The **Voice Mail** button is used to play new messages stored in the PC.

- **Email** – Displays Email ID and subject of email messages received.

- **Phone Book** – Displays contacts in index format of A-B-C with number of contacts.

Note: Phone Book refers to Phone Book of **Outlook Express** or **Outlook** selected in A/C Setup in UI **Interface.**

- **Voice Command** – Works as **Record** Button during a call to record a conversation. Press **Voice Command** and give voice command to dial a number or send an email.

Local Home Screen
The menu options displayed on the PcPiper.

```
┌─────────────────┐
│ Favorites    ⬒  │
│ Search Calls    │
│ PC Services     │
│ Configure    ⬓  │
└─────────────────┘
```
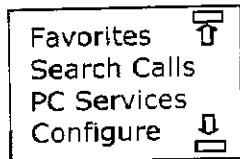
PC Services Screen
The menu options displayed on the PcPiper when connected to the PC.

```
┌─────────────────┐
│ Favorites    ⬒  │
│ Phone Book      │
│ Search Calls    │
│ New Msqs     ⬇  │
├─────────────────┤
┊ Old Msgs        ┊
┊ Greetings       ┊
┊ Record V-Me     ┊
┊ Recded. Conv    ┊
┊ Local Services  ┊
┊ Help            ┊
└─────────────────┘
```
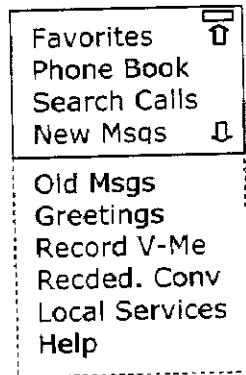
The complete list of options displayed on scrolling down using the
Wiz Key is displayed.

Conventions on the Display

`<<<  >>>`	PcPiper is communicating with the PC to retrieve information
⬒ ⬓	The menu options listed are limited to the screen shown.
⬒ ⬇	The menu option listed is at the top of the screen and some more options are available on scrolling down
⬆ ⬓	The menu option listed is at the bottom of the screen and more options are available on scrolling up.
⬆ ⬇	The menu option selected is in the middle of the list.
▶	Indicates message extends beyond right side of screen.
◀	Indicates message extends beyond left side of screen.

MAKING CALLS

This section explains how to make calls with the PcPiper.

To make a call *Directly.*

1. Press **Start/Stop**.
   Input Box is displayed on the PcPiper.
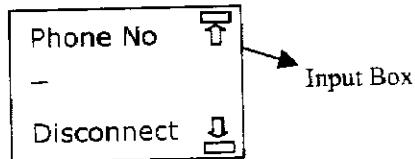
2. Once you hear the dial tone, dial the phone number.
3. To hang up, press **Start/Stop** again.
   OR
   Press **Wiz Key** to Disconnect.

Other methods of Dialing.

1. Favorites
2. Search Calls
3. Phone Book.
4. Voice Command

Refer to relevant Section Heading for more details.

To re-dial the last number called.

1. Press **REDIAL** on the handset.

RECEIVING CALLS

When there is an incoming call the ring is heard at both the base and the handset. The display on the PcPiper shows the name and number of the calling party after the first ring.

The name displayed on the PcPiper is obtained from favorite list if the caller ID matches with the phone number.

Note: The Caller ID facility has to be subscribed through the telephone company for which additional charges may be in force.

Greeting to the caller is played if the call is not answered before the predefined number of rings. The Greeting and the message being recorded can be heard on the Annc. Speaker.

Note: The number of rings can be changed in A/C Setup. Please refer Section-A/c Setup for more details.

The call can be answered even when a message is being recorded by pressing the **Wiz Key** or **Start/Stop** button. The message will not be saved if the call is answered.

To receive a call.

1. When the phone rings, press **Start/Stop**.
2. When you finish, press **Start/Stop** again to end the call.

Note: Any operations being carried out will be canceled when a call is received.

OPERATING THE PHONE DURING CALLS

Putting a Call on Hold

Use the **HOLD** button to temporarily suspend a phone call without disconnecting the call. When a call is on hold, the caller cannot hear you but you can hear from the Annc. Speaker.

To suspend a call

1. Press **HOLD** on the handset.
2. To resume the conversation, press **HOLD** again.

Using Call Waiting

If you subscribe to a call waiting service through your telephone company, you can switch to another incoming call during a conversation.

Note: PcPiper supports call waiting with caller ID.

To switch between Calls.

1. Press **FLASH**.
2. The first caller goes on Hold.
3. To resume the conversation with the first caller, Press **FLASH**.

To record conversation.

1. Press **Voice Command** to store message.
2. A message is played informing that the conversation is being stored after the beep.
3. Press **Voice Command** again to stop the recording.

Using the Hold Key - Annc. Speaker

The HOLD button on PcPiper switches the audio output between the earpiece and the announcement speaker. This enables you to hear the caller or other audio output without having to hold the phone to your ear.

Message playback uses the Announcement Speaker by default. Press **HOLD** to listen to messages through earpiece when privacy is required.

Note: When hearing through the Announcement Speaker the microphone is muted and cannot be used as speakerphone.

MESSAGES

The PC acts as your answering machine. All the messages, greetings are stored in the computer's hard disk.

Messages are recorded if the call is not answered before the predefined number of rings. The Greeting and the message being recorded can be heard on the Annc. Speaker.

Note: The number of rings can be changed in A/C Setup. Please refer Section-A/c Setup for more details.

To listen to your messages the PC should be ON. The messages can be heard using PcPiper and also using UI Software.

New Messages

- A bold visual indicator flashes on the handset.
- The number of new messages are displayed on the Messages window in the UI Screen.

To play messages using PcPiper

1. From the **home screen** select **New Messages** using **Wiz Key**.

The Display shows.

```
2 New VMail ⟲
1 New VMem
New E-Mails
Help        ⬇
```
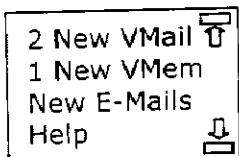
2. Select **2 New VMail** using **Wiz Key**.

The Display shows the Name/Caller ID of messages left in common account and list of accounts.

```
Anthony Ho  ⟲
Friends ( )
Family( )
Go Back     ⬇
```

3. Select the Name/Caller ID using the **Wiz Key**.

The Display shows.

```
Play            ⬆
Mark as read
Delete
Go Back         ⬇
```

4. Click on **Play** to hear the message and the display shows.

```
Stop/Go Back    ⬆
                ⬇
```
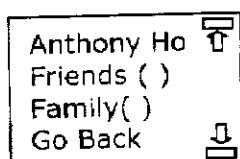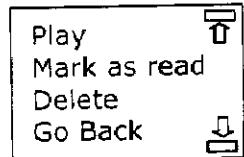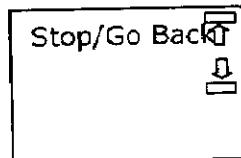
5. To stop hearing the message or to return to the previous menu press the **Wiz Key**.

Note: After hearing the message it is marked as read and is not available under New Messages.

6. To delete the Voice Mail without hearing the message select **Delete** using **Wiz Key**.
7. To mark the Voice Mail as read without hearing the message select **Mark as read** using **Wiz Key**.

VOICE MEMO

Leave voice memos for other family members. A prominent indicator will signal a waiting memo that the recipient can play.

To Record Voice Memo

1. From the **home screen**, Select **Record V-Memo.**

The display shows list of Accounts.

```
┌─────────────────┐
│ Common      ⎧    │
│ Friends          │
│ Family           │
│ Go Back     ⎩    │
└─────────────────┘
```
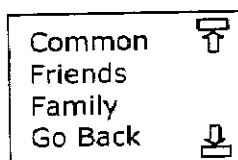
2. Select **account** using **Wiz Key** to which the voice memo has to be recorded.
3. You are prompted to record the message after the tone and the display shows.

```
┌─────────────────┐
│ Recording        │
│ Stop Recording⎧  │
│             ⎩    │
│                  │
└─────────────────┘
```
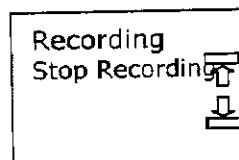
4. Press **Wiz Key** to stop recording
5. The **Message Wait Indicator** glows to indicate new message.

To play New Voice Memo

1. From the **home screen** select **New VMemo** using **Wiz Key.**

The Display shows.

```
┌─────────────────┐
│ 2 New VMail ⎧    │
│ 1 New VMem       │
│ New E-Mails      │
│ Help        ⎩    │
└─────────────────┘
```
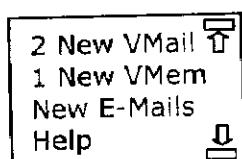
2. Select 1 **New VMem** using **Wiz Key.**
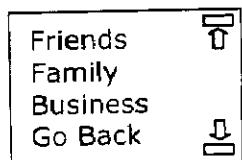
The Display shows the list of accounts

```
┌─────────────────────┐
│ Friends        ⊟    │
│ Family         ⯅    │
│ Business            │
│ Go Back        ⯆    │
│                ⊟    │
└─────────────────────┘
```

3. Select **Friends** using **Wiz Key**.

The Display shows

```
┌─────────────────────┐
│ Go Back        ⊟    │
│                ⯅     │
│                ⯆     │
│                ⊟     │
│                     │
│                     │
└─────────────────────┘
```

4. Select **Family** using **Wiz Key**.

The Display shows the account from which it was recorded along with the date/time stamp.

```
┌─────────────────────┐
│ Common 08/          │
│ Go Back        ⊟    │
│                ⯅     │
│                ⯆     │
│                ⊟     │
│                     │
└─────────────────────┘
```

5. Select **message** using **Wiz Key**.

The display shows.

```
┌─────────────────────┐
│ Play           ⊟    │
│ Mark as Read   ⯅    │
│ Delete              │
│ Go Back        ⯆    │
│                ⊟    │
└─────────────────────┘
```

6. Select **Play** to hear the message.

The Display shows.

```
┌─────────────────────┐
│ Stop/Go Back   ⊟    │
│                ⯆     │
│                ⊟     │
│                     │
│                     │
└─────────────────────┘
```
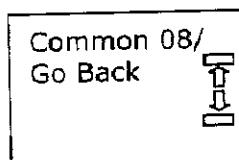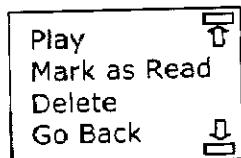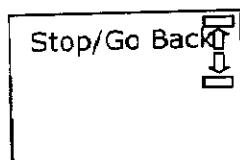
7. To stop hearing the message or to return to the previous menu press the **Wiz Key**.

Note: After hearing the message it is marked as read and is not available under New Messages.

8. To delete the Voice Memo without hearing the message select **Delete** using **Wiz Key.**
9. To mark the Voice Memo as read without hearing the message select **Mark as read** using **Wiz Key.**

E-MAILS

To receive and send emails using PcPiper the PC connected should have Outlook Express or Microsoft Outlook as the email client.

Refer to A/c Setup for more details to select the email client.

1. From the **home screen** select **New Messages** using **Wiz Key**.

The Display shows.

```
2 New VMail  ⓣ
1 New VMem
New E-Mails
Help         ⬇
```
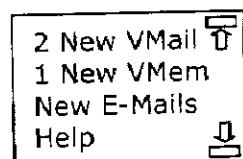
2. Select **New E-Mails** from the list using **Wiz Key**.

The display shows **from** and **subject** of the email received as shown below.

```
John Reply t ⓣ
Alan Meeting
Susan Aware
Go Back      ⬇
```
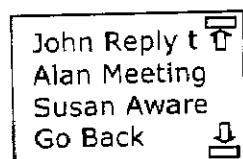
3. Select **Email** using **Wiz Key**.

The Display shows.

```
Play         ⓣ
Reply to Auth
Go Back
             ⬇
```
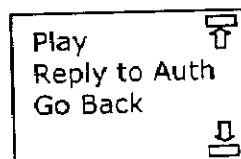
To Play the Email Message.

1. Using **Wiz Key** click on Play.

2. The email message is played on the Annc. Speaker

The display shows.

```
┌──────────────────────┐
│ Play Again      ⬆    │
│ Stop/Go Back⬇        │
│                      │
│                      │
└──────────────────────┘
```
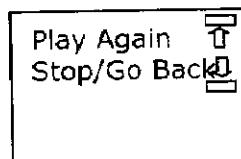
3. To replay the message, select **Play Again** using **Wiz Key**.
4. To stop playing the message, select **Stop/Go Back** using **Wiz Key**.

To Reply to the Email Message.

Email message can be replied by recording a voice message. This message is stored as voice file and is attached to the email message being sent to the author.

1. After selecting the email message, select **Reply to Author** using **Wiz Key**.

The Display shows.

```
┌──────────────────────┐
│ Record to E-  ⬆      │
│ Stop/Go Bac ⬇        │
│                      │
│                      │
└──────────────────────┘
```
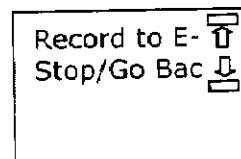
2. Select **Record to E-Msg**.

You are prompted to record after the tone and the display shows.

```
┌──────────────────────┐
│ Recording            │
│ E- Mail Msg          │
│ Stop E-Msg   ⬆       │
│              ⬇       │
└──────────────────────┘
```
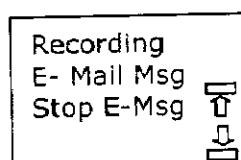
3. To stop recording press **Wiz Key**.

The Display shows.

```
┌──────────────────────┐
│ Play Recorde⬆        │
│ Send E-Msg           │
│ Record Aga           │
│ Cancel E-Ms ⬇        │
└──────────────────────┘
```
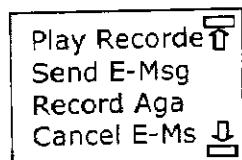
4. To listen to the recorded message, select **Play Recorded E-Msg** using **Wiz Key**.

The Display shows.

```
┌─────────────────────┐
│ Play Again     ⬆    │
│ Stop/Go Back⬇       │
│                     │
│                     │
└─────────────────────┘
```
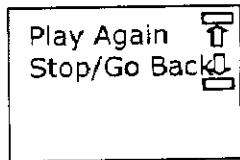
5. Select Play Again to hear the message again or select **Stop/Go Back** to return to the previous menu.

6. To **Send** the message Select **Send E-msg.**
7. To **Re-record** the message Select **Record Again.**
8. To **Cancel** E-Msg Select **Cancel E-Msg.**

Note: The Email messages cannot be marked as read using PcPiper.

To send an Email directly.

Email messages can be sent to individuals using Voice Command.

Refer to **Section-Voice Command** for more details.

OLD MESSAGES

Messages when played using PcPiper or using UI Software will be marked as read and classified as Old Messages.

To play messages using PcPiper

1. From the **home screen** select **Old Messages** using **Wiz Key**.

The Display shows.

```
3 Old VMail    ⬆
2 Old VMem
Help
Go Back        ⬇
```
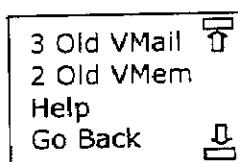
2. Select **3 Old VMail** using **Wiz Key**.

The Display shows the Name/Caller ID of messages left in common account and list of accounts.

```
Anthony Ho     ⬆
Friends ( )
Family( )
Go Back        ⬇
```

3. Select the Name/Caller ID using the **Wiz Key**.

The Display shows.

```
Play           ⬆
Mark as new
Delete
Go Back        ⬇
```

4. Click on **Play** to hear the message and the display shows.

```
Stop/Go Back   ⬆
               ⬇
```
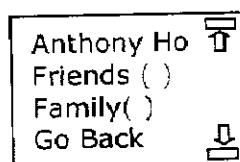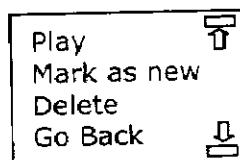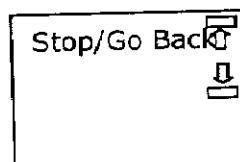
5. To stop hearing the message or to return to the previous menu press the **Wiz Key**.

---

6. To delete the Voice Mail, select **Delete** using **Wiz Key**.
7. To mark the Voice Mail as new select **Mark as new** using **Wiz Key**.

Note: After marking the message as new, it is not available under Old Messages.

To play Old Voice Memo

1. From the **home screen** select **Old Messages** using **Wiz Key**.

The Display shows.

```
 _____
| 3 Old VMail  ⬆ |
| 2 Old VMem     |
| Help           |
| Go Back     ⬇  |
|_____|
```
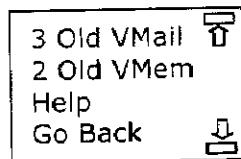
2. Select 2 **Old VMem** using **Wiz Key**.
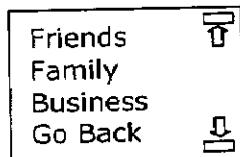
The Display shows the list of accounts

```
 _____
| Friends     ⬆  |
| Family         |
| Business       |
| Go Back     ⬇  |
|_____|
```

3. Select **Friends** using **Wiz Key**.

The Display shows

```
 _____
| Go Back     ⬆  |
|             ⬇  |
|                |
|                |
|_____|
```

4. Select **Family** using **Wiz Key**.

The Display shows the account from which it was recorded along with the date/time stamp.

```
 _____
| Common 08/     |
| Go Back     ⬆  |
|             ⬇  |
|                |
|_____|
```

5. Select **message** using **Wiz Key**.

The display shows.

```
┌──────────────────┐
│ Play           ⬒ │
│ Mark as new      │
│ Delete           │
│ Go Back        ⬓ │
└──────────────────┘
```

6. Select **Play** to hear the message.

The Display shows.

```
┌──────────────────┐
│ Stop/Go Back  ⬒  │
│               ⬓  │
│                  │
│                  │
└──────────────────┘
```
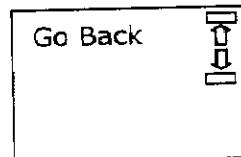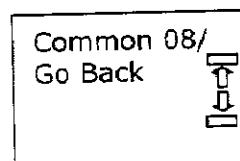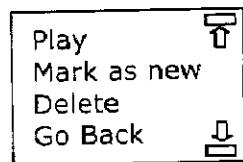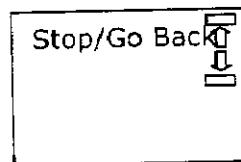
7. To stop hearing the message or to return to the previous menu press the **Wiz Key**.
8. To delete the Voice Memo, select **Delete** using **Wiz Key**.
9. To mark the Voice Memo as new, select **Mark as new** using **Wiz Key**.

Note: After marking the message as new it is not available under Old Messages.

FAVORITES

Favorites contain the list of names and phone number of the people who are called frequently. The list of favorites is updated on the device when connected to the PC.

Favorites are used as smart quick dial option. Name is used to dial out a number. Maximum of 100 favorites can be stored. Common Account can store up to 50 names and the individual accounts can hold up to 20 names.

Voice mail messages are recorded in a particular account if the Caller ID matches with the favorite list of the account. Messages are recorded in common account if the Caller ID doesn't match with favorite list of any account.

Note: The favorite list is cleared if the battery is drained or removed.

To make a call using *Favorites*.

1. From the **home screen** select **Favorites** using **Wiz Key**.
OR
Press **Favorite** button on the PcPiper.

The Display shows list of Accounts as shown below.

```
┌─────────────────┐
│ Common       ☎  │
│ Friends         │
│ Family          │
│ Go Back      ⬇  │
└─────────────────┘
```
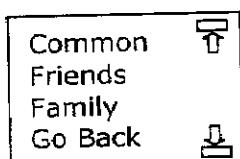
2. From the list, select the account using **Wiz key**.

The Display shows list of favorites available in the account with their names and number.
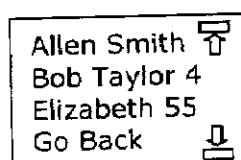
```
┌─────────────────┐
│ Allen Smith  ☎  │
│ Bob Taylor 4    │
│ Elizabeth 55    │
│ Go Back      ⬇  │
└─────────────────┘
```

3. Select the name, and press the **Wiz key**.

The Display shows the name and number being dialed.

```
Allen Smith
325 565 3535
Disconnect
```
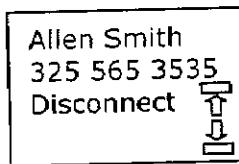
4. Press **Wiz key** or **Start/Stop** key to disconnect the call.

PHONE BOOK

Phone Book in the PcPiper refers to Microsoft Outlook or Outlook Express that is selected as the email client in A/c Setup. The latest updates from the PC phone book is displayed.

Refer to Section A/c Setup for selecting email client.

Using Phone Book you can dial by selecting a name, record a personalized greeting.

To make a call-using *Phone Book.*

1. From the **home screen** select **Phone Book** using **Wiz Key**.
OR
Press **Phone Book** button on the PcPiper.

The Display shows.

```
┌──────────────┐
│ A - B - C   ⬆ │
│ D - E - F    │
│ G - H - I    │
│ J - K - L   ⬇ │
└──────────────┘
```
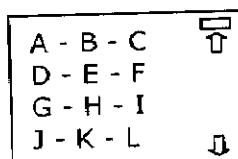
2. Select the index using **Wiz Key** under which the name of the person belongs.

3. On selecting the index list of persons under that index are displayed.

```
┌──────────────┐
│ Alec Baldwin ⬆│
│ Andrew Brow  │
│ Bill Cosby - 5│
│ Clint Eastwo ⬇│
└──────────────┘
```
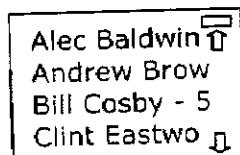
4. On Selecting name using **Wiz Key** the following menu options are displayed.

```
┌──────────────┐
│ Dial        ⬆ │
│ Rec greeting │
│ Go Back      │
│            ⬇  │
└──────────────┘
```
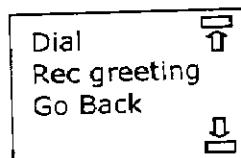
5. On Selecting **Dial** the display shows the name and number being dialed.

```
Alec Baldwin
445 545 6678
Disconnect
```
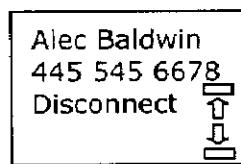
To disconnect the call press **Start/Stop** or press **Wiz Key**.

To Record Greeting.

1. From the **home screen**, Select **Phone Book**.

The Display lists in index format as shown below.

```
A - B - C
D - E - F
G - H - I
J - K - L
```
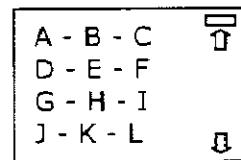
2. Select the index, list of persons under that index are displayed.

```
Alec Baldwin
Andrew Brow
Bill Cosby - 5
Clint Eastwo
```
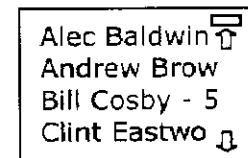
3. Select name using **Wiz Key** the following menu options are displayed.

```
Dial
Rec greeting
Go Back
```
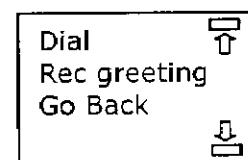
4. Select **Rec greeting** using **Wiz Key**. You are prompted to record after the tone and the display shows.

```
Recording
Greeting Msg
Stop Rec
```
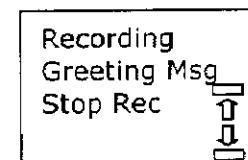
5. Press the **Wiz Key** to stop the recording.

SEARCH CALLS

The Search Calls logs all incoming and outgoing calls and stores under **In-Calls** and **Out-Calls**. If you subscribe to caller ID, the names **and** phone numbers of callers are stored in **In-Calls**. The names and number you dialed out are stored in **Out-Calls**.

To make a call-using *Search Calls.*

1. From the **home screen** select **Search Calls** using **Wiz Key**.
OR
Press **Search** button on the PcPiper.

The Display shows.

```
┌─────────────────┐
│ In-Calls      ⛆ │
│ Out-Calls       │
│ Go Back         │
│              ⛆  │
└─────────────────┘
```
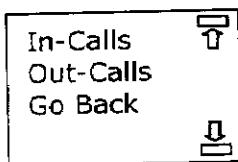
2. Select **In-Calls** or **Out-Calls** using **Wiz Key**

The Display shows the list of names and numbers.

```
┌─────────────────┐
│ Anthony Ho  ⛆   │
│ Arnold Schw     │
│ James Smit      │
│ Jones Jennif ⛆  │
└─────────────────┘
```
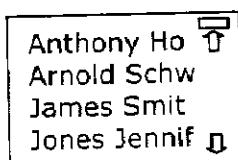
3. Select the name and press the **Wiz Key** to make the call.

The Display shows the name and number selected.

```
┌─────────────────┐
│ Anthony Ho      │
│ 544 122 4354    │
│ Disconnect  ⛆   │
│             ⛆   │
└─────────────────┘
```
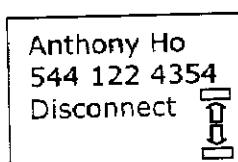
4. To disconnect the call press **Start/Stop** or press **Wiz Key**.

GREETINGS

Personalized greetings can be recorded using phone book. Greetings are played when caller ID matches with the favorite list of an account and call is not answered with in a predefined number of rings which is set in Account Setup. If the Caller ID doesn't match with the favorite list the general greetings are played.

Refer to Account Setup to change the number of rings for greeting to be played.

Greetings can be recorded using Phone Book.

Refer to Phone Book Section for more details.

To play the Greeting.

1. From the **home screen**, Select **Greeting** using Wiz Key.

The Display shows list of favorites from Common Account and list of other accounts as shown below.

```
┌──────────────────┐
│ Allen Smith  ⬆   │
│ Friends          │
│ Family           │
│ Go Back      ⬇   │
└──────────────────┘
```
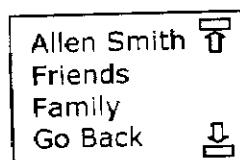
2. Select Allen Smith using Wiz Key.

The Display shows.

```
┌──────────────────┐
│ Play         ⬆   │
│ Delete           │
│ Go Back          │
│              ⬇   │
└──────────────────┘
```
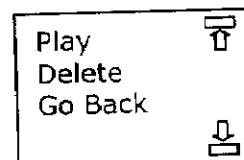
3. To play the greeting, Select **Play** using **Wiz Key**.
4. To delete the greeting, Select **Delete** using **Wiz Key**.
5. To return to the previous menu, Select **Go Back** using **Wiz Key**.

RECORDED CONVERSATION

Instant Notes can be taken during a conversation.

To play the recorded conversation

1. From the **home screen**, select **Recded. Conv** using **Wiz Key**.

The Display shows.

```
┌──────────────────┐
│ Allen Smith  ⬒   │
│ Friends          │
│ Family           │
│ Go Back      ⬓   │
└──────────────────┘
```
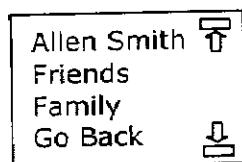
2. Select the conversation to be played using **Wiz Key**.

The Display shows.

```
┌──────────────────┐
│ Play         ⬒   │
│ Delete           │
│ Go Back          │
│              ⬓   │
└──────────────────┘
```
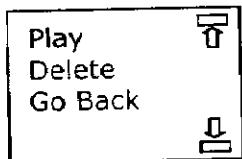
3. Select **Play** to play the conversation using **Wiz Key**.

The conversation is played on the Annc. Speaker and the display shows.

```
┌──────────────────┐
│ Stop/Go Bac ⬒   │
│              ⬓   │
│                  │
│                  │
└──────────────────┘
```
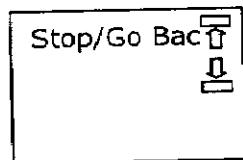
4. To listen through ear speaker (for privacy) press **HOLD** button.
5. Press **Wiz Key** to stop playing the conversation or return to the previous screen.

6. To delete the recorded conversation select **delete** using **Wiz Key**.

CONFIGURE

This option allows one to set the following feature according to his liking:

1) Set RF chip	- this allows one to set the radio frequency chip
2) Ear Spk Vol	- this allows one to set the volume of the ear speaker
3) Annc Spk Vol	- this allows one to set the volume of the announcement speaker
4) Sidetone Gain	- this allows one to set the level of sidetone gain
5) Transmit Gain	- this allows one to set the level of transmit gain
6) Analog Rx Gain	- this allows one to set the level of analog received gain
7) Auto Scroll	- this gives one the option of having auto scroll a line of words when the full line of words cannot fit into the display screen
8) RF Tx Power	- this allows one to set the level of radio frequency transmit power
9) RF On-Off	- this allows one to turn the radio frequency on or off

To go to the above options, select the option "Configure" from the home screen.

Select the desired option using the wiz key and then, select the required settings as displayed.

REMOTE ACCESS

This function allows you to check your voice mails, voice memos and emails from any phone outside.

1. Dial the home number where pcPiper is connected.

2. When the voice mail greeting comes on, enter your password that you would have set in the Options menu in the user interface.

3. Once the correct password is entered, a message will be played to inform you how many new voice mails, voice memos and emails that you have.

4. A list of options will be read out to you to select. They are namely new voice messages which includes both voice mails and voice memos, old voice messages and emails. Select your option accordingly.

5. Press "9" to disconnect or just hang up the phone to disconnect.

VOICE COMMAND

This command button allows you to make a call or to email by just speaking to the pcPiper on the microphone. This button also allows you to record a conversation.

To Make a Call
1. Press the "voice command" key.

2. Wait for a beep tone and then speak your command by saying "Call Tom" if you want to make a call to Tom.

3. Once finished, a beep will sound again and the display will show "Call Tom". Confirm your instruction by pressing the wiz key. Sometimes, the display will show a list of names (instead of just Tom only) that are closed to Tom. Likewise, click on the desired name to confirm the party that you want to call.

4. The next screen will give you Tom's name and dial number. Click on the wiz key to confirm.

5. If Tom's number is an international number and it requires you to put a '001' before the number, select the option "Prefix" (provided that you have set '001' under your Options in the user interface.). Click the wiz key to make the call.

To Email
1. Press the "voice command" key.

2. Wait for a beep tone and then speak your command by saying "Email Tom" if you want to send an email to Tom.

3. Once finished, a beep will sound again and the display will show "Email Tom". Confirm your instruction by pressing the wiz key. Sometimes, the display will show a list of names (instead of just Tom only) that are closed to Tom. Likewise, click on the desired name to confirm the party that you want to email.

4. From the next list of options, select the desired action.

To Record a Conversation
1. Click on the "voice command" button when you wish to record a conversation on the line.

2. A message will be prompted to tell both you and the party on the other line that the conversation is being recorded. Click on the button again when you wish to stop the recording.

USER INTERFACE SOFTWARE

Main Screen

The main screen displayed consists of list of accounts and options. Depending on the Account selected and the option selected the system shows the data available from the database.

List of Accounts
The list of accounts displays all the accounts of the system.
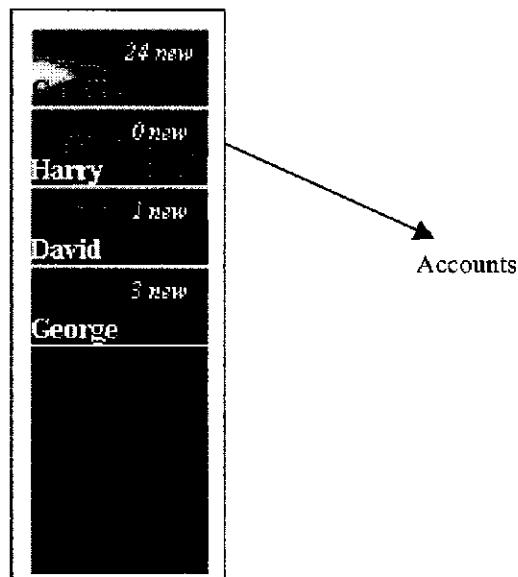
Accounts

Options Window
The options window contains various options available in the system like messages, archives, favorites, greetings, A/C setup and schedule.
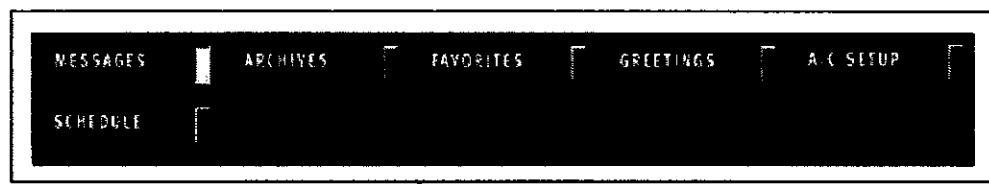
Options Window

Messages

This section covers detail of Message retrieval, adding memos to other accounts, moving and copying messages to accounts mailbox/archives.

Messages are of three types:

- ❑ Voice Mail – Messages recorded when an incoming call is not answered after a predefined number of rings, which is set in the Options of A/c Setup.

☞ *See the section* on A/c Setup options for more details on how to set the number of rings.

- ❑ Voice Memo – Messages recorded between family members.

- ❑ Recorded Conversation – Important information recorded during a conversation is stored in the form of message.

Messages Window

Messages Window display messages voicemail, voice memo and recorded conversation for the Account along with the Status (new/old), Date/Time recorded and Caller ID if it is a voice mail.

		Date/Time	Caller ID	From	To
		Messages of George			
▮📋		07/26/1999,Mon, 2...		David	George
▮📋		07/26/1999,Mon, 2...		Harry	George

Message Window

Icon
Description

Indicates new or unheard

Type of message indicates Voice

Blank Icon indicates Voice

This Icon indicates Recorded

Date/Time
Indicates the date and time message was

Caller
Indicates the number received from telephone

From
Message received

To
Message received

Play All New Messages

Play All New

1) From the list of Accounts Select Account.
2) A Message window is displayed with messages for the account.
3) Click on this Icon to play all new messages.

Play Selection

Play Selection

1) From the list of Accounts Select Account.
2) From the Message window select message to be played.
3) Click on this Icon to play the particular message.

Tip: You can double-click on the message to listen to a message.

Mark Message As Read

If you wish to skip listening to this message, mark as Read message.

1) From the list of Accounts Select Account.
2) From the Message window select New message.
3) Click on this Icon to mark the particular message as read.

Mark As Read

Mark Message As Unread

If you wish other members of family to hear/play message, mark as unread or new.

Mark As Unread

1) From the list of Accounts Select Account.
2) From the Message window select message to be marked as new.
3) Click on this Icon to mark the particular message as Unread or new.

Delete Message

1) From the list of Accounts Select Account.
2) From the Message window select message to be deleted.
3) Click on this Icon to delete the particular message.

Delete

Note: Once a message is deleted, it is lost forever.

Save Message

1) From the list of Accounts Select Account.
2) From the Message window select the message to be saved.
3) Click on this Icon to save the message.

Save As

4) The SaveAs window is displayed for saving the selected message.

Add New Message/Memo

1) Click on this Icon to send a new message or memo.

On selecting this icon a new screen is displayed with options

Add New

Choose account(s)to send memo to: Create a Voice Memo through:

    General
    Harry   ⊙ Choose an existing voice file
    Davic
    George
                                            [   ] Browse

                                            ⊙ Record via mic

                                    CANCEL   <BACK   NEXT>   DONE>>

2) From the list of accounts, select the account to which the message has to be sent.
3) Choose an existing file by clicking Browse [Browse...] button, which displays the navigation window.

OR

4) Record via mic. - A new message can be recorded using the microphone connected to the system.
5) Select the Option to record via mic.
6) Click Next. [NEXT >]

A new screen is displayed.

```
┌─────────────────────────────────────┐
│                                      │
│      Press Start Button to record    │
│                                      │
│                                      │
│                                      │
│    [Start]     [Cancel]    [Stop]    │
│                                      │
│   ═══════════════════════════════    │
│                                      │
└─────────────────────────────────────┘
```
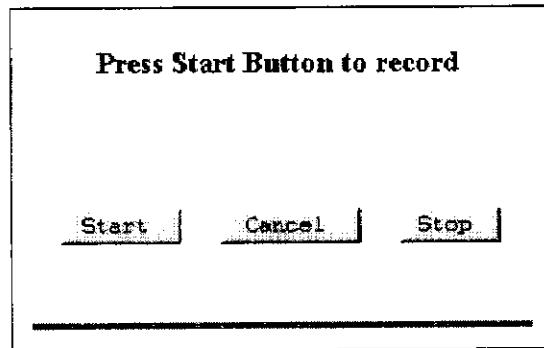
7) Click Start [Start] to begin recording.

8) Click Stop [Stop] to complete the recording
OR
Press Cancel [Cancel] to cancel the recording.

9) Click Next [NEXT >] to send the message to the account selected.

The next screen shown below asks for confirmation.

```
┌─────────────────────────────────────┐
│    You've chosen to                  │
│    Send memo to David                │
│                                      │
│    Click "Done" to finish.           │
│                                      │
│   ═══════════════════════════════    │
│       [CANCEL] [<BACK] [NEXT >] [DONE >>]│
│                                      │
└─────────────────────────────────────┘
```
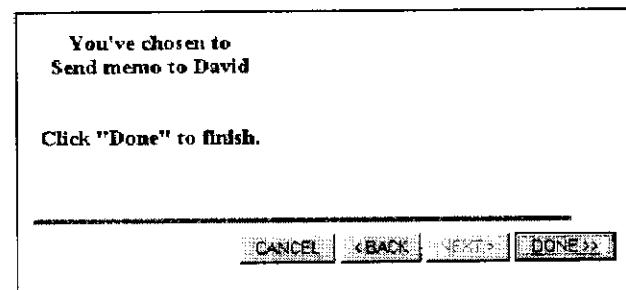
10) Click Done [DONE >>] to send the message.

Copy Message

1) Select the message to be copied from the Message window.
2) Click on this Icon to see a screen as shown below.

Copy

```
┌─────────────────────────────────────────────────┐
│                                                   │
│  Choose destination(s) to copy to                 │
│                                                   │
│     Mail Box    Archive                           │
│     ┌────────┐ ┌────────┐                         │
│     │General │ │General │                         │
│     │Harry   │ │Harry   │                         │
│     │David   │ │David   │                         │
│     │George  │ │George  │                         │
│     │        │ │        │                         │
│     │        │ │        │                         │
│     │        │ │        │                         │
│     └────────┘ └────────┘                         │
│   ─────────────────────────────────────────────  │
│              │CANCEL │ │<BACK│ │NEXT>│ │DONE>>│    │
│                                                   │
└─────────────────────────────────────────────────┘
```

The message selected can be forwarded to another account as a message/memo and a copy to archive of the same account or different account.

3) Select the account from the list of Mailbox and/or from the list of Archive and Click Next. NEXT >

4) A message is displayed depending on the selection made.
5) Click Done DONE >> to copy the message to the account mailbox and/or archive selected.

Move Message.

1) Select the message to be moved from the Message window.
Note: The message selected to be moved is removed from the account's mailbox.

Move

2) Click this Icon to see a screen as shown below.

Choose destination(s) to copy to

Mail Box	Archive
General	General
Harry	Harry
David	David
George	George

CANCEL   < BACK   NEXT >   DONE >>

The message selected can be forwarded to another account as a message/memo and a copy to archive of the same account or different account.

3) Select the account from the list of Mailbox and/or from the list of Archive and Click Next.   NEXT >

4) A message is displayed depending on the selection made.
5) Click Done   DONE >>   to move the message to the account mailbox and/or archive selected.

Archives

This section covers detail of Message retrieval from Archives, moving and copying messages to other accounts archives.

📄   The messages stored in Archive are not available from the pcPiper.

Messages Window

Messages Window display messages both email and voicemail for the Account along with the Status (new/old), Date/Time recorded and Caller ID if it is a voice mail.

		Date/Time	Caller ID	From	To
🔊	📋	07/28/1999 Wed. ...		George	David
🔊	📋	07/28/1999 Wed. ...		George	David

Archives of David
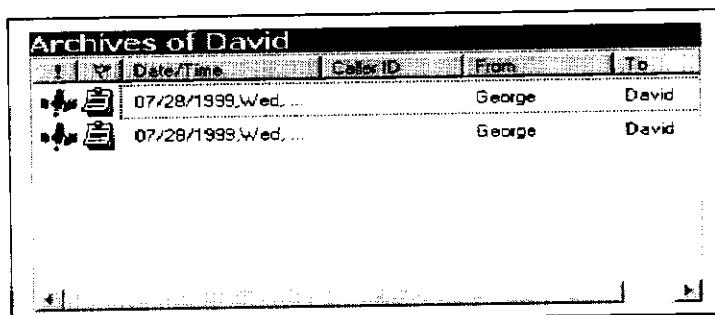
Message Window

Play All New Messages

Play
All New

1) From the list of Accounts Select Account.
2) A Message window is displayed with messages for the account stored in Archive.
3) Click on this Icon to play all new messages.

Play Selection

Play
Selection

1) From the list of Accounts Select Account.
2) From the Message window select message to be played.
3) Click on this Icon to play the particular message.

Tip: Double click on the message to play.

Mark Message As Read

Mark As Read

1) From the list of Accounts Select Account.
2) From the Message window select New message.
3) Click on this Icon to mark the particular message as read.

Mark Message As Unread

Mark As Unread

1) From the list of Accounts Select Account.
2) From the Message window select message to be marked as new.
3) Click on this Icon to mark the particular message as Unread or New.

Delete Message

Delete

1) From the list of Accounts Select Account.
2) From the Message window select message to be deleted.
3) Click on this Icon to delete the particular message.
Note: Once a message is deleted, it is lost forever.

Save Message

Save As

1) From the list of Accounts Select Account.
2) From the Message window select message to be saved.
3) Click on this Icon to save the message.
4) The SaveAs window is displayed for saving the selected message.

Copy Message

Copy

1) Select the message to be copied from the Message window.
2) Click on this Icon to see a screen as shown below.

```
┌──────────────────────────────────────────────────┐
│  Choose destination(s) to copy to                 │
│                                                    │
│     Mail Box    Archive                            │
│     ┌─────────┐ ┌────────┐                         │
│     │General  │ │General │                         │
│     │Harry    │ │Harry   │                         │
│     │David    │ │David   │                         │
│     │George   │ │George  │                         │
│     │         │ │        │                         │
│     │         │ │        │                         │
│     │         │ │        │                         │
│     └─┬───────┘ └┬───────┘                         │
│  ─────────────────────────────────────────────    │
│              │ CANCEL │ BACK │ NEXT > │ DONE>> │    │
└──────────────────────────────────────────────────┘
```

The message selected can be forwarded to another account as a
message/memo and a copy to archive of the same account or different
account.

3) Select the account from the list of Mailbox and/or from the list of
   Archive and Click Next.   NEXT >

4) A message is displayed depending on the selection made.
5) Click Done   DONE >>   to copy the message to the account mailbox
   and/or archive selected.

Move Message.

1) Select the message to be moved from the Message window.
Note: The message selected to be moved is removed from the account's
archive.

Move

2) Click on this Icon to see a screen as shown below.

```
┌──────────────────────────────────────────────────┐
│  Choose destination(s) to copy to                 │
│                                                    │
│     Mail Box    Archive                            │
│     ┌─────────┐ ┌────────┐                         │
│     │General  │ │General │                         │
│     │Harry    │ │Harry   │                         │
│     │David    │ │David   │                         │
│     │George   │ │George  │                         │
│     │         │ │        │                         │
│     │         │ │        │                         │
│     │         │ │        │                         │
│     └─┬───────┘ └┬───────┘                         │
│  ─────────────────────────────────────────────    │
│              │ CANCEL │ BACK │ NEXT > │ DONE >> │   │
└──────────────────────────────────────────────────┘
```

The message selected can be forwarded to another account as a
message/memo and a copy to archive of the same account or different
account.

3) Select the account from the list of Mailbox and/or from the list of
   Archive and Click Next. NEXT >

4) A message is displayed depending on the selection made.
5) Click Done DONE >> to move the message to the account mailbox
   and/or archive selected.

Favorites

This section covers detail of adding new favorites, delete, edit, copy and move to other account favorites.

Favorites Window

Add New

1) Click on this Icon to add a new favorite.

Add New

A new screen is displayed as shown below with option to import from Outlook Express, Outlook or a new favorite can be added manually.
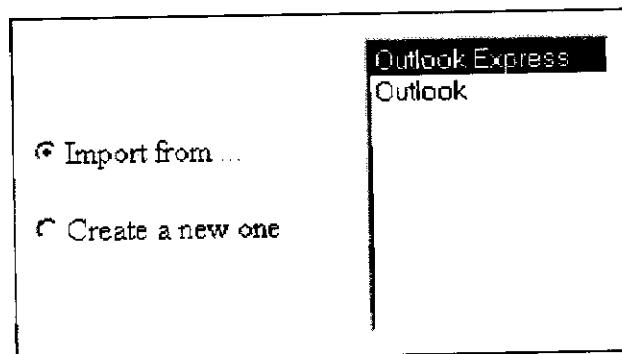
To Import from Outlook Express/Outlook.

1) Click Next NEXT > to import from Outlook Express or Outlook.

A new screen is displayed with data imported from Outlook Express or Outlook which was selected.

Import From Outlook Express address book

Bob (O) 7874478		Jim 54878763
		Chris 5412398
	>>	
	<<	
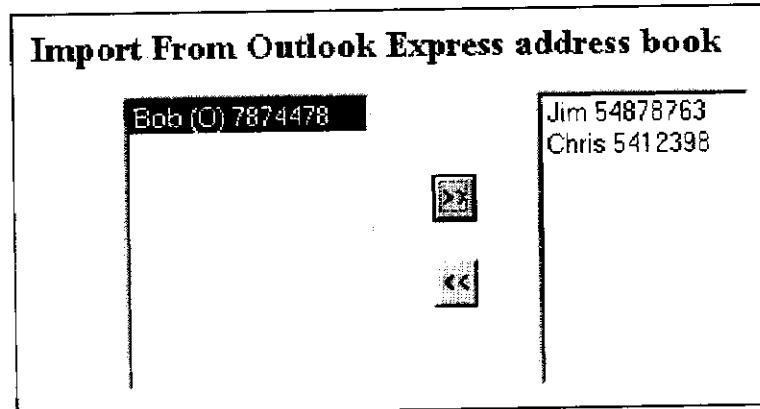
2) Select from the list and click [>>] to add the name, Phone number along with the email id.

3) Click Next [NEXT >] to see a message displayed.

**You've chosen to
Add New Favorite Bob (O) 7874478**

Click "Done" to finish.
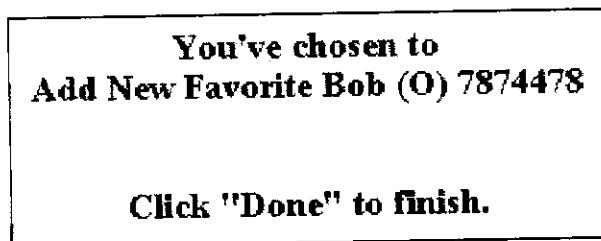
4) Click Done [DONE >>] to add new favorite.

To create directly

1) Select Create a new one Option.

A new window is displayed.

Name:

Phone:

Email:

2) Enter Name, Phone No. and Email Id.

Note: Enter the phone number including Area Code or Country Code.

Repeat Steps 3 and 4 above to add new favorite.

Delete Favorite

1) From the favorite window, select the favorite to be deleted.
2) Click on this Icon to Delete.

Delete

Note: Once a favorite is deleted, it is permanently deleted.

Edit Favorite

1) From the favorite window, select the favorite to edit.
2) Click on this Icon to Edit.

Edit

A window is displayed with the Name, Phone no., and email Id of the favorite selected.

```
Name:
Chris
Phone:
5412398
Email:
chris@yahoo.com
```

3) Make the necessary changes.
4) Click Next [NEXT >] to see a message displayed with present information and changes made.

```
You've chosen to
Change favorite Chris, 5412398, chris@yahoo.com to Chris, 5412398, chris@hotmail.com

Click "Done" to finish.
```

5) Click Done [DONE >>] to complete.

Copy Favorite

1) From the favorite window, select the favorite to copy.
2) Click on this Icon to copy.

Copy   A new screen is displayed with the list of accounts to whom you want to copy the favorite to.

```
General
Harry
David
George
```
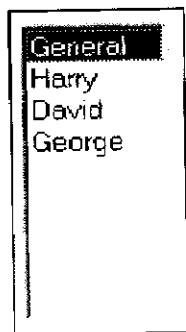
3) From the list select the account to whom the copy has to be sent.
4) Click Next   NEXT >   to see a message displayed as shown below.

> **You've chosen to**
> **copy selected favorite(s) to mailbox "David"**
>
> **Click "Done" to finish.**

5) Click Done   DONE >>   to forward the favorite to the account Selected.

Move Favorite

1) From the favorite window, select the favorite to move.
2) Click on this Icon to move the favorite.

Move

Note: When a favorite is moved to another account it is permanently removed from the current account.

A new screen is displayed with the list of accounts to whom you want to copy the favorite to.

```
General
Harry
David
George
```
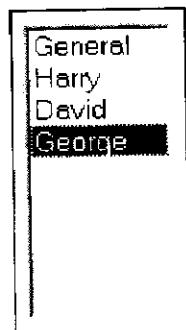
3) Select the account to whom the favorite has to be moved to.
4) Click Next `NEXT >` to see a message as shown below.

> **You've chosen to**
> **move selected favorite(s) to mailbox "George"**
>
> **Click "Done" to finish.**
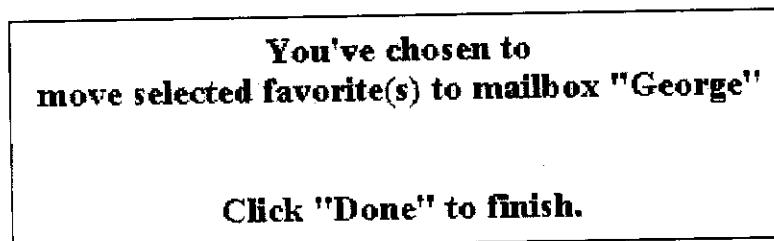
5) Click Done `DONE >>` to move the favorite to mailbox selected.

Greetings

Greetings are played to the caller from a particular account if the caller id matches with the list of favorites of the account.

This section covers details of adding greetings, play greetings, delete, copy and move greetings.

Greetings of Harry		
Name	Phone No	
Jim	54878763	
Chris	54123981	
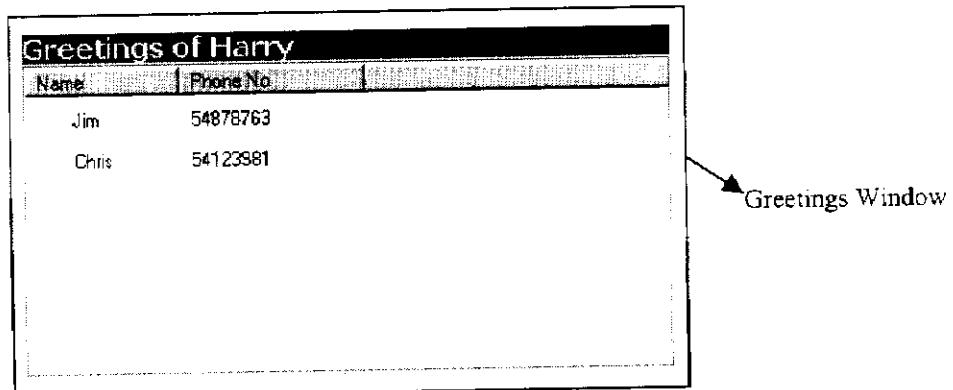
Greetings Window

Play Greeting

1) From the greetings window select the greeting to be played.
2) Click on this Icon to play the greeting.

Play Selection   Tip: To play double click on the greeting in the window.

Delete Greeting

1) From this greetings window select the greeting to be deleted.
2) Click on this Icon to delete the greeting.

Delete   Note: Once a greeting is deleted, it is lost forever.

Save Greeting

1) From this greetings window select the greeting to be saved.
1) Click on this Icon to save the greeting.
2) The SaveAs window is displayed for saving the selected greeting.

Save As

Add New Greeting

1) Click on this Icon to add a new greeting.

Add New

A new Screen is displayed as shown below with option to select the person for whom the greeting has to be played.


```
 C  Select Name/Phone from address book
 C  Select Name/Phone from favorites        Name
                                            ┌─────────────────
                                            │
                                            Phone
                                            ┌─────────────────
                                            │
                                            ⊙ Choose an existing voice file
                                            ┌──────────────── Browse...
                                            │
                                            C  Record through mic
```
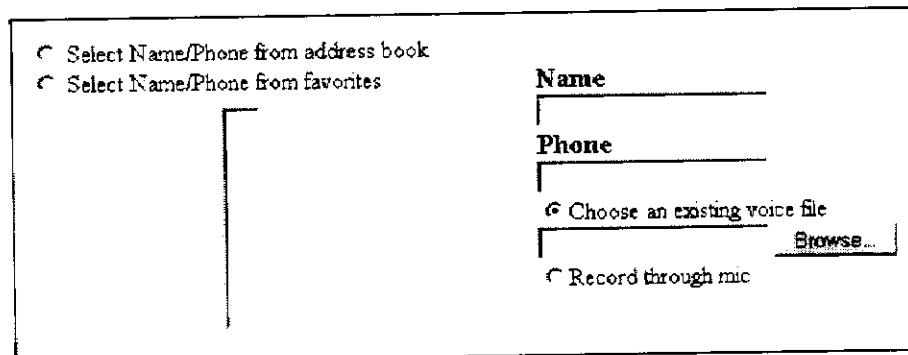
The **Person** for whom the greeting has to be played can be selected from the address book or from favorites. In addition, the greeting being added can be selected from a saved file or a new greeting can be recorded using mic.

2) Select the Person from the list displayed either from address book or from favorites.

OR

Enter the name and complete telephone number including area code and country code directly.

To choose from an existing voice file.

1) Select the file by clicking on Browse.
2) Choose File window opens and the required file can be selected.

3) Click Next ▮NEXT >▮ to see the message.

A message is displayed as shown below.

```
          You've chosen to
   add greeting for Bob (O), 7874478


       Click "Done" to finish.
```
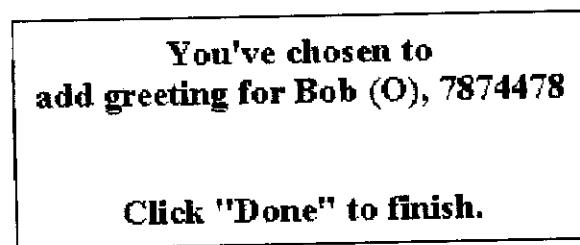
4) Click Done ▮DONE >>▮ to add the greeting.

To record through Mic.

1) A new greeting can be recorded using the microphone connected to the system.
2) Select the Option to record via mic.
3) Click Next. NEXT >
A new screen is displayed.

```
+---------------------------------------------+
|                                             |
|        Press Start Button to record         |
|                                             |
|                                             |
|                                             |
|                                             |
|     Start         Cancel        Stop        |
|                                             |
|                                             |
| _____ |
| ========================================== |
+---------------------------------------------+
```
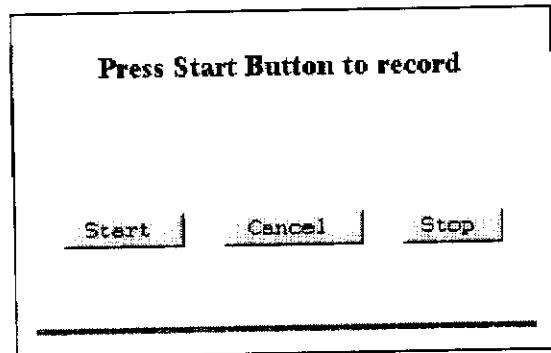
4) Click Start Start to begin recording.

5) Click Stop Stop to complete the recording
OR
Press Cancel Cancel to cancel the recording.

5) Click Next NEXT > to see the message.

A message is displayed as shown below.

```
+---------------------------------------------+
|               You've chosen to              |
|      add greeting for Bob (O), 7874478      |
|                                             |
|                                             |
|           Click "Done" to finish.           |
+---------------------------------------------+
```
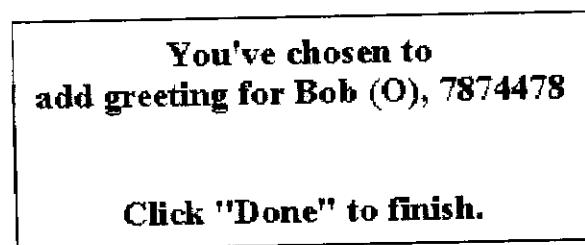
6) Click Done DONE >> to add the greeting.

Copy Greeting

Copy

1) From the greeting window, select the greeting to be copied.
2) Click on this Icon to copy the greeting.

A new screen is displayed to show the list of account to whom the greeting can be copied.

```
+-------------------------------------+
|  Choose destination(s) to copy to   |
|                                     |
|         +-----------+               |
|         | General   |               |
|         | Harry     |               |
|         | David     |               |
|         | George    |               |
|         | Venkat    |               |
|         |           |               |
|         |           |               |
|         |           |               |
+-------------------------------------+
```
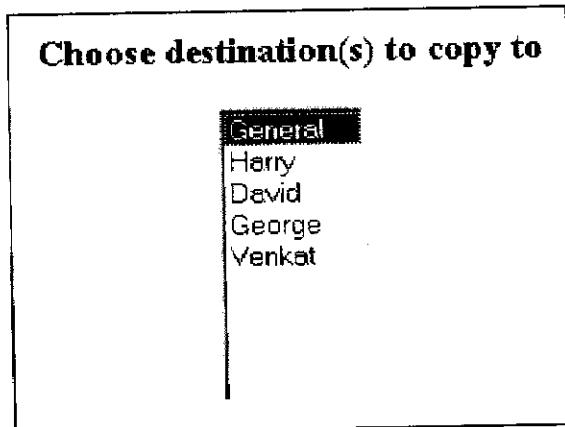
3) Select the Account from the list to whom the greeting has to be copied.
4) Click Next ___NEXT >___ to see a message as shown below.

```
+-------------------------------------+
|          You've chosen to           |
|  copy selected favorite(s) to David |
|                                     |
|                                     |
|       Click "Done" to finish.       |
+-------------------------------------+
```
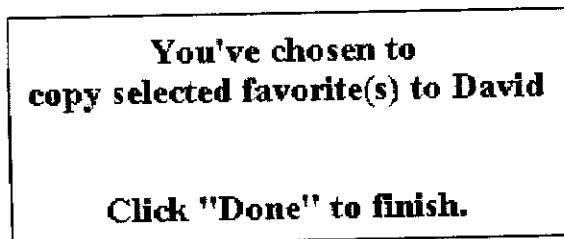
5) Click Done ___DONE >>___ to send the greeting to the account mailbox selected.

Move Greeting

Move

1) From the list of greeting window, select the greeting to be moved.
2) Click on this Icon to move the greeting.

Note: Once a greeting is moved to another account mailbox it is removed from the account's mailbox.

A new screen is displayed to show the list of account to whom the greeting can be moved.

Choose destination(s) to move to

General
Harry
David
George
Venkat

3) Select the Account from the list to whom the greeting has to be moved.
4) Click Next ▁NEXT▁►▁ to see a message as shown below.

**You've chosen to
move selected favorite(s) to General**

Click "Done" to finish.

5) Click Done ▁DONE▁»▁ to send the greeting to the account mailbox selected.

A/C Setup

This section covers creation of new account accounts, change the name of the account, delete an account and modify various options available.

```
General
Harry                    ⦿ Add Account
David                    ○ Change Name
George                   ○ Delete Account         ╲
                                                   ▲   Account Window
                         ○ Options ...
```
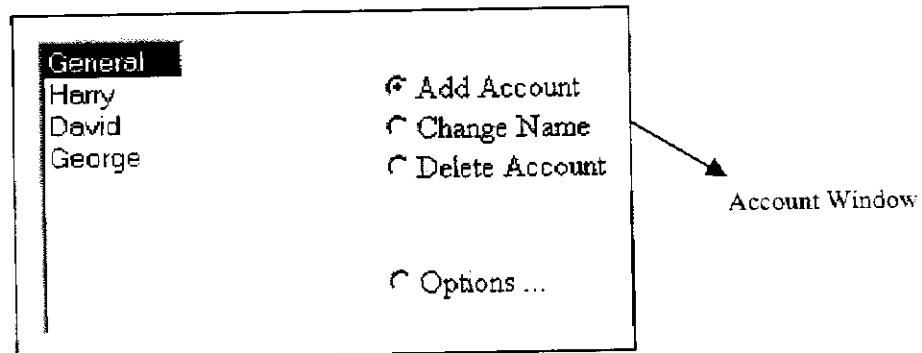
Add Account

1) From the account window select Add Account option.
2) Select Next [NEXT >] to create a new account.

A new screen is displayed with option to enter the name of the new account as shown below.

```
Enter new member name:

│New
```
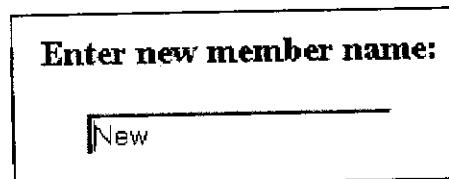
3) Enter the name/description of the account.
4) Click Next [NEXT >] to see a message as shown below.

```
You've chosen to
add new member "John"


Click "Done" to finish.
```
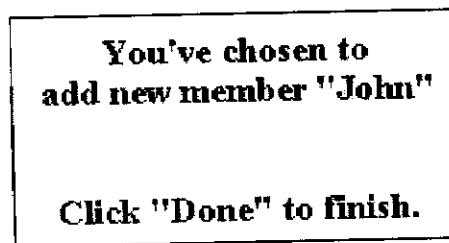
5) Click Done [DONE >>] to add the new account.

Change Name

1) From the account window, select the account name to be changed.
2) Select Change Name option from the options.
3) Click Next `NEXT >` to see a new screen displayed as shown below.

> **Chang "John" to:**
>
> Change Name
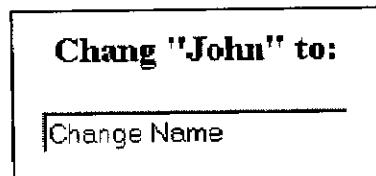
4) Edit the name/account.
5) Click Next `NEXT >` to see a message displayed as shown below.

> **You've chosen to
> change "John" to "Jhonny"**
>
> **Click "Done" to finish.**
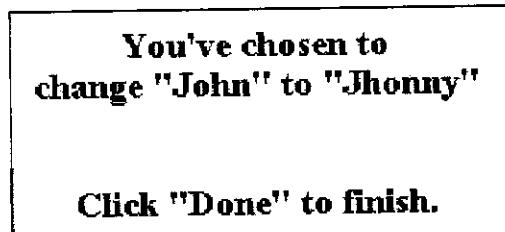
6) Click Done `DONE >>` to save the account name with necessary changes.

Delete Account

1) From the account window, select the account name to be deleted.
2) Select Delete Name option from the options.
3) Click Next `NEXT >` to delete.

A message is displayed as shown below.

> **You've chosen to
> delete "Jhonny"**
>
> **Click "Done" to finish.**
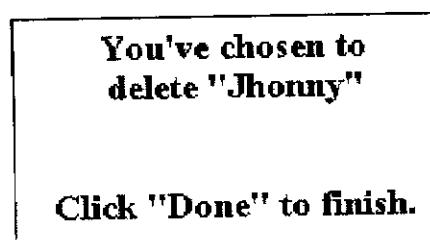
Note: Messages, Greetings, Favorites, Schedules of the account name being deleted is removed from the system.

4) Click Done [DONE >>] to delete the account.

Options

To view and change options,
1) From the account window, select the account name.
2) Select options from the list of options.
3) Click Next [NEXT >] to see a new screen displayed as shown below.

```
Email Client: [Outlook Express ▼]        Maximum length of messages
Check new Email every [30]  minutes     Voice mail / memo : [10]   minutes
                                        Recorded conversation : [10]   minutes

Dialing Assistance                      Remote Access
To access an outside line, dial [  ]    Password [12345]
For International Calls, dial [  ]       Number of rings with message [2]
Local area code [10]                     Number of rings without message [4]
```

From this screen, the account is given several options to change the setting.

Email Client
Email Client for the account can be Outlook Express or Outlook.

Check new Email every __ minutes
This is used by the system to check with the Email Client for new Email messages.

Dialing Assistance
These settings come into use when you want to make a call from the favorite option. The system looks up into the data entered here depending upon the call to be made.

To access an outside line, dial __
Enter the number here the system has to dial to access an outside line.

For International Calls, dial __
Enter the number here the system has to dial before dialing an international or overseas call.

Local Area Code
Enter the local area code number.

Maximum Length of Messages

These settings are used by the system to monitor the length of messages/memo and the recorded conversations are taking place.

Voice mail/memo
The length of the voice mail message that can be recorded for the account and length of memo is entered in number of minutes here.

Recorded conversation
The length of recorded conversation that can be stored for the account in number of minutes is entered here.

Remote Access
This information is used by the system when you are accessing the system from outside.

Password
The password for the user(s) to identify when the system is remotely accessed to retrieve mail.

No of rings with message
Number of rings after which the system plays the greeting when there is a new message.

No of rings without message
Number of rings after which the system plays the greeting when there are no new messages.

Toll saver
If you call long distance or from a pay phone toll saver enables you to avoid paying for the call if you have no new messages.

The above setting for number of rings with message and without message can be used. Set the number of rings with message as four and without message as six. If the call is not answered by PcPiper before four rings then there are no new messages.

Schedule

This section covers detail of adding new schedules, edit a schedule, delete them. A schedule if unattended is recorded as a new message and the indicator on the pcPiper is switched on to indicate as a message.

Tasks of David		
! Schedule	Next Run Time	Last Run Time
10:21:00AM, Eve...	8/3/1999 10:26:35 AM	
4:30:00 AM, Every...	8/3/1999 10:26:35 AM	
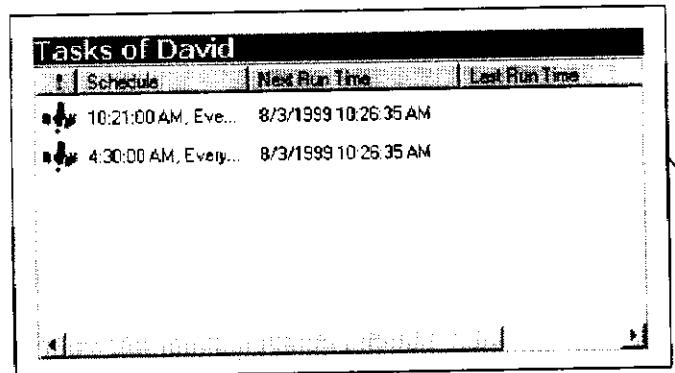
Tasks Window

Play All New

Play
All New

1) From the list of Account Select Account.
2) Click on this Icon to play all new messages.

Play Selection

Play
Selection

1) From the list of Account Select Account.
2) From the tasks window select the message to be played.
3) Click on this Icon to play the selection.

Add New

Add New

1) Click on this Icon to add a new task.

A new screen is displayed as shown below with options to dial out a number or to add a reminder.

> **Select type of task to perform:**
>
>   ⊙ Dial out
>   Phone No.
>
>   ○ Reminder

To dial out
1) In the Phone No. option enter the number which the system has to dial.
2) Click Next to see a new screen as shown below.

> **Type a note for this task**
>
> Dial out
>
> ⊙ **Choose an existing voice file**   Browse...
> ○ **Choose an existing text file**
> ○ **Record via mic**
> ○ **Key in text manually**

To add an existing voice file
1) From the options, select **choose an existing voice file**.
2) Click Browse to see choose file window.
3) Select the required voice file.
4) Click open to add the file.

To add an existing text file
1) From the option, select **choose an existing text file**.
2) Click Browse to see choose file window.
3) Select the required text file.
4) Click open to add the file.

To record via mic
1) From the option select record via mic.

A new screen is displayed as shown below.

```
┌─────────────────────────────────────────┐
│                                          │
│    Press Start Button to record          │
│                                          │
│                                          │
│                                          │
│                                          │
│                                          │
│   Start        Cancel        Stop        │
│                                          │
└─────────────────────────────────────────┘
```
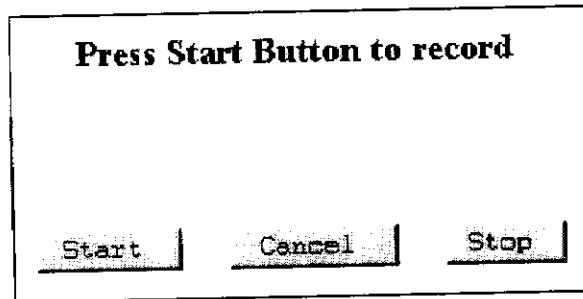
2) Click Start [Start] to begin recording.

3) Click Stop [Stop] to complete the recording
OR
Press Cancel [Cancel] to cancel the recording.

To key in text manually
1) From the option select option key in text manually.
2) Click Next to see a new screen displayed as shown below.

```
┌─────────────────────────────────────────┐
│                                          │
│    Please key in your message            │
│                                          │
│   ┌───────────────────────────────┐▲│   │
│   │                               │ │   │
│   │                               │ │   │
│   │                               │ │   │
│   │                               │ │   │
│   │                               │ │   │
│   │                               │▼│   │
│   └───────────────────────────────┘ │   │
└─────────────────────────────────────────┘
```
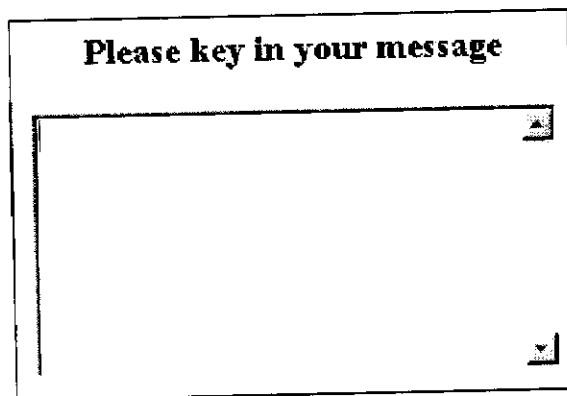
3) Enter the message, which has to be attached to the task.

After the message is selected with any of the four options. Click Next to see a screen as shown below.

Perform this task	Start Time
● Daily	12:04:48 PM
○ Weekly	**Start Date**
○ Monthly	
○ One time only	8 / 3 /99

1) Select the option daily, weekly, monthly or one time only.
2) Edit the start time.
3) Edit the start date.
4) Click Next to add the task.

Delete Task

Delete

1) From the Task window select the task to be deleted.
2) Click on this Icon to delete.
Note: A task once deleted it is lost forever.

Edit Task

Edit

TROUBLE SHOOTING

The PcPiper phone system is built to the highest standards and thoroughly tested. But if by chance you face problems then there are number of places you can look for the solutions. This chapter includes troubleshooting information, explanations of possible error messages, and how to reset your pcPiper. This chapter also includes information about how to reach RFC in case you need additional assistance with your pcPiper.

Important: For other trouble shooting tips not included in this handbook, refer to either the readme.txt file or the HelpNotes file located in the pcPiper directory. These files are also located on the installation CD-ROM (and diskettes).

Troubleshooting

If you should encounter a problem with software / hardware, look to this section for the description that most closely matches the symptoms you observe, and try the suggestions listed.

Troubleshooting - Software

I. Installation Troubleshooting

"The program does not start once I insert the CD"
If after insertion of the CD the program does not start on its own then

1. Click Start
2. Run "D:\setup" (If D is the CD ROM Drive in your computer, else replace with the appropriate letter)

In case you are receiving any error messages then please refer to the end of this section.

General Troubleshooting

PcPiper does not turn on:

Q: "I am unable to connect to computer?"
A: 1. Check USB cable connection.
      2. Check if the PC is switched on.
      3. Check if the pcPiper software application program is running.

Q: "How do I know that the battery is running low?"
A: The display will prompt you with a message that your battery is running low.

Q: "I don't hear a dial tone when I press the Start / Stop button"
A: Check the phone line connection

Q: "I have a strange tone when I press the Start/Stop Button"
A: Check the phone line connection.

Q: "I charged the battery but the charge doesn't seem to last very long"
A: Replace the battery.

Q: "The caller can't hear me when I use the Announcement speaker"
A: The microphone is turned off when you use the Announcement speaker. As such, press on the "hold" key to turn on the microphone and ear speaker.

Q: "I seem to pick up my neighbor's conversations or radio broadcasts"
A: Hang up the phone and redial.

Q: "What happens if the power fails in my home"
A: Restart the PC. Data will not be lost in the pcPiper during a power failure as long as the battery remains sufficiently charged in the handset.

Appendix A: Technical Support, Service and Repair

If you have a problem using pcPiper, make sure you have reviewed the Troubleshooting section of this chapter, as well as the README file and HelpNotes included on the pcPiper installation CD or diskettes. The README and HelpNotes files are also copied to the pcPiper directory when you install the pcPiper software on your PC.

For further assistance, please consult our web site where pcPiper HelpNotes are updated frequently:
http://www.pcpiper.com

Before requesting e-mail or phone support, experiment a bit to reproduce and isolate the problem. When you do e-mail or call support, please be ready to provide information about the actual error message or state you are experiencing, and the steps you take to reproduce the problem.

Online Support

Web Access	http://www.pcpiper.com
RFC	065-481 2055
Fax	065-481 7155
Address	31 North Second Street Suite 300 Atrium Center San Jose CA 95113

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GENERAL PROVISIONS. All of the General Provisions of the EULA also apply to this Limited Warranty, and each provision is incorporated herein by this reference.

United States Regulatory Information

Part 68-FCC Registration and Repair Information

1. **CONNECTION TO THE TELEPHONE NETWORK.** The Federal Communications Commission (FCC) has established Rules which permit this device to be directly connected to the telephone network. Standardized jacks are used for these connections. This equipment should not be used on party lines or coin phones.

2. **EQUIPMENT MALFUNCTION.** If this device is malfunctioning, it may also be causing harm to the telephone network; this device should he disconnected until the source of the problem can be determined and until repair has been made. If this is not done, the telephone company may temporarily disconnect service.

3. **TELEPHONE COMPANY CHANGES.** The telephone company may make changes in its technical operations and procedures; if such changes affect the compatibility or use of this device, the telephone company is required to give adequate notice of the changes. You will be advised of your right to file a complaint with the FCC.

4. **REQUIRED INFORMATION.** If the telephone company requests information on what equipment is connected to their line, inform them of:

   a. The telephone number to which this unit is connected.

   b. The Ringer Equivalence Number. [0.4b]

   c. The USOC jack required. [RJ11C]

   d. The FCC Registration Number.

   e. Items (b) and (d) are indicated on the label on the bottom of the base station. The Ringer Equivalence Number (RFN) is used to determine how many devices can be connected to your telephone line. In most areas, the sum of the REN's of all devices on any one line should not exceed five (5.0). If too many devices are attached, they may not ring properly.

5. **REPAIR INFORMATION.** In the event of equipment malfunction, all repairs should be performed by RFC. It is the responsibility of users requiring service to report the need for service to RFC. Service can be obtained at (065) 4812055.

6. **PROGRAMMING EMERGENCYNUMBERS FOR SPEED DIALING.** If you store police, fire, or other emergency numbers as speed dial numbers, be aware that:

   a. The manufacturer assumes no responsibility for the proper functioning of the speed dial numbers during an emergency.

   b. Testing of speed dial emergency numbers is not recommended. If you do call an emergency number, stay on the line and briefly explain the reason for the call. Programming and testing of emergency numbers should be performed during off- peak hours, such as in the early morning or late in the evening, when the emergency services tend to be less busy.

Part 15-Interference Information

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.

The PcPiper Phone System base station and handset radiate radio frequency (RF) energy. If not installed and used in strict accordance with the instructions given in the printed documentation, these devices may cause harmful interference with other radio-operated devices (for example, AM/FM radios, televisions, baby monitors, cordless phones, etc.) Any cable that is connected to the base station must be a shielded cable that is properly grounded. (The cable supplied with the base station is properly grounded.)
The PcPiper Phone System hardware has been tested, and it complies with the limits for a Class B computing device in accordance with the specifications in Part 15 of the U.S. Federal Communication Commission rules. These limits are designed to provide reasonable protection against harmful RF interference in a residential installation. There is, however, no guarantee that RF interference will not occur in a particular installation.
To determine if the base station is causing interference to other radio-communication devices, close the UI Software program on your computer, then unplug the base station. If the interference stops, it was probably caused by the base station. If the interference continues after you disconnect the base station, remove the battery from the handset. If the interference still continues, turn the computer off and then on again. If the interference stopped when the computer was off, check to see if one of the input/output (I/O) devices or one

of the computer's internal accessory boards is causing the problem. Disconnect the I/O devices one at a time and see if the interference stops.

If the base station or your computer does cause interference, try the following measures to correct it:

- Relocate the antenna of the other radio communications device (for example, AM/FM radios, televisions, baby monitors, cordless phones, etc.) until the interference stops.
- Move the base station farther away from the other radio communications device.
- Plug the computer and base station into a power outlet that is on a different circuit, controlled by different circuit breakers or fuses, than the other radio communications device.
- If necessary, ask your computer dealer or an experienced radio-TV technician for more suggestions. You may find helpful information in the booklet "The Interference Handbook" (1995), published by the FCC. The booklet is available from the Compliance and Information Bureau of the FCC (1-888-CALL FCC) and on their website at http://www.fec.goylcibl.

Note Any changes or modifications not expressly approved by RFC could void the user's authority to operate this device.

Part 15-Self Certification Requirements.
- Tested to comply with FCC Standards
- For home and office use

Canadian Technical and Regulatory Information

ICES-003 Requirements

This Class B digital apparatus complies with ICES-003.

RSS-210 Requirements

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Section 5. 1 2 Requirements

Privacy of communications may not be ensured when using this telephone.

CP-01 Requirements

NOTICE: The Industry Canada label identifies certified equipment. This certification means that the equipment meets telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alternations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution: User should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

Ringer Equivalence Number Information

The Ringer Equivalence Number (REN) of this device is 0.4b.

NOTICE: The REN assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination of an interface may consist of any combination of devices subject only to the requirement that the sum of the REN of all the devices does not exceed 5. The telephone jack type required is RJ 11 C.

Technical Specifications

Minimum Recommended System Requirements

To use the PcPiper Phone with the UI software, you need:

- Personal computer with a Pentium 266 microprocessor or higher
- CD-Rom Drive
- Windows 98
- 16 megabytes (MB) of memory required (32 MB recommended)
- 100 MB of hard disk space
- 16-bit, Windows-compatible, full duplex sound card with microphone and speaker(s)
- USB port
- Computer must be left on to use answering system, speed dial numbers, voice commands, and caller ID features
- Caller ID features require caller ID service from your phone company (their terms and conditions will apply)

Phone Specifications

Frequency Control: Crystal-controlled dual PLL synthesizer
Operation Mode: FM, Direct Sequence Spread Spectrum Frequency Modulation
Ringer Equivalence : 0.4b
Jack: RJ11 C

Transmit/Receive Frequency

903.75 MHz – 926.25 MHz

Power Requirements

Handset: Rechargeable nickel-metal hydride battery pack (3XAAA shrink wrapped)
Base station: DC 7.5V from AC adapter
Charger: DC 7.5V from AC adapter