



MIP-200

WiFi Phone

User's Manual v1.00

Firmware V1.03g02

May 2008

| | |
|-------------------------------------|------------|
| Preface | iii |
| Regulatory Information | iii |
| FCC Regulation | iii |
| European regulation | iv |
| RF exposure regulation (SAR) | iv |
| Overview | 1 |
| Package Contents | 1 |
| Product Description | 2 |
| Getting Started | 4 |
| Inserting the Battery | 4 |
| Charging Your Phone | 5 |
| Turning Your Phone On and Off | 5 |
| Navigating Phone Menus | 6 |
| The LCD Screen | 6 |
| The Menu Screen | 7 |
| Menu Map | 7 |
| Settings the Display Language | 9 |
| Setting the Time and Date | 9 |
| Installation | 10 |
| Typical Home Setup | 10 |
| Typical Office Setup | 10 |
| Basic Setup | 11 |
| Phone Settings | 12 |
| Using the Phonebook | 12 |
| Adding Contacts | 12 |
| Editing Contacts | 13 |
| Deleting Contacts | 13 |
| Deleting All Contacts | 13 |
| Using the Call Log | 13 |
| Configuring Phone Settings | 14 |
| Ringer Settings | 14 |
| Ringer Tone | 14 |
| Ringer Volume | 14 |

| | |
|--------------------------------------|-----------|
| Profile Settings | 15 |
| Creating Profiles | 15 |
| Editing Existing Profiles | 16 |
| Enabling and Disabling Tones | 16 |
| Display Settings | 17 |
| Setting the Display Name | 17 |
| Setting the Backlight Duration | 17 |
| Configuring AP Settings | 17 |
| Master Reset | 18 |
| Upgrading Firmware | 18 |
| Selecting APs | 20 |
| Scanning for APs | 20 |
| Selecting Profiles | 21 |
| Information | 21 |
| WPS Registration | 22 |
| Making Calls | 23 |
| Dialing Contacts | 23 |
| Dialing Manually | 23 |
| Dialing SIP Names | 23 |
| Dialing Regular Numbers | 23 |
| Dialing IP Numbers | 24 |

Preface

Regulatory Information

FCC Regulation

This model phone complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This EUT is in compliance with SAR for general population uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and has been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

European regulation

Products with the CE mark comply with the Radio & Telecommunication Terminal Equipment Directive (1999/5/EEC), the Electromagnetic Compatibility Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) - as amended by Directive 93/68/ECC - issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Standards:

- 1999/5/EEC Radio & Telecommunication Terminal Equipment Directive (R&TTE) EN 301 511
- Specific Absorption Rate (SAR) Standard: EN50360, EN 50361
- 73/23/EEC Low Voltage Directive (LVD) Standard: EN 60950:2000
- 89/336/EEC Electromagnetic Compatibility (EMC-Directive) Standard: EN301489-1/7

The manufacturer cannot be held responsible for modifications made by the user and the consequences thereof, which may alter the conformity of the product with the mark.

RF exposure regulation (SAR)

This model phone meets the government's requirements for exposure to radio waves. This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

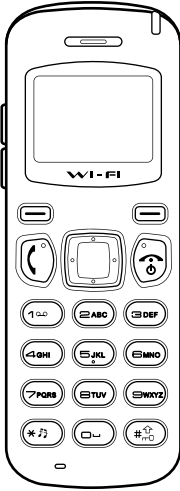
The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID:

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body- worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

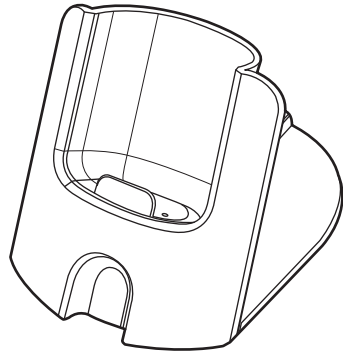
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Overview

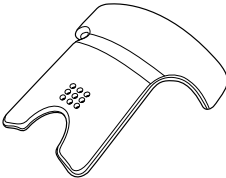
Package Contents



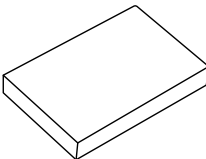
MIP-200 WiFi Phone



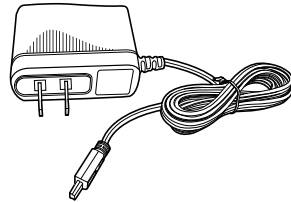
Charging Cradle (Optional)



Belt Clip

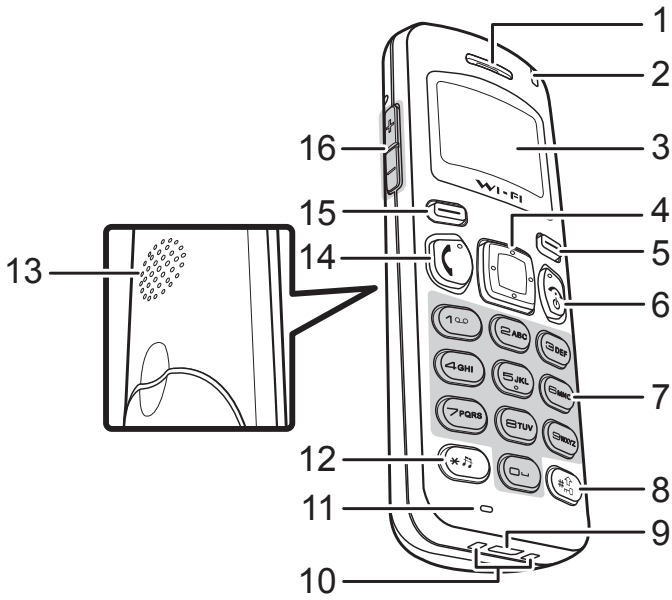



Li-ion Battery










AC Adapter

Product Description



| No. | Item | Description |
|-----|--|--|
| 1. | Receiver | Transmits voice output |
| 2. | Charge Status | Indicates charge status: <ul style="list-style-type: none"> • Off—charger off • Red—charger on |
| 3. | LED Display | 112 x 64 pixel monochrome graphics display with LED backlight |
| 4. |  Navigation Key | <ul style="list-style-type: none"> • Navigate through menus • Left—select Profile; decreases volume during a call • Right—call log; increase volume during a call • Up—show dialled numbers; increase volume during a call • Down—Phone Book; decrease the speaker volume during a call |

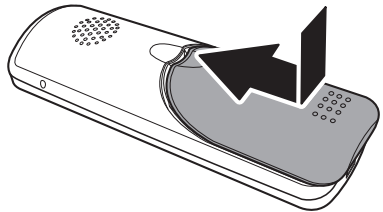
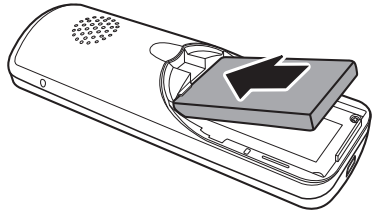
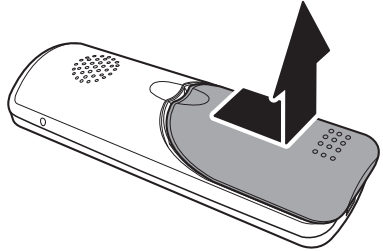
| No. | Item | Description |
|-----|--|--|
| 5. |  Right Soft Key | <ul style="list-style-type: none"> • Display the Phone Book • Clear inputs / cancel or Mute during a call |
| 6. |  Power/Red Key | <ul style="list-style-type: none"> • Power on or power off • End conversation; exit (back) |
| 7. | Numeric Key | Enter numbers and text |
| 8. |  Pound Key | <ul style="list-style-type: none"> • Change text output in text mode. For example: AB, ab, 12, Ab. • Press and hold to enable key lock |
| 9. | USB Jack | <ul style="list-style-type: none"> • Connect mini USB / charger jack |
| 10. | Charging Pad | <ul style="list-style-type: none"> • Contact to the charging cradle |
| 11. | Microphone | <ul style="list-style-type: none"> • Receives voice inputs |
| 12. |  Star Key | <ul style="list-style-type: none"> • Enter symbols in text mode • Press and hold to mute |
| 13. | Speaker | Transmits voice output (hand free mode) or plays ring tone |
| 14. |  Call Key/Green Key | <ul style="list-style-type: none"> • Dial manually entered or Phonebook numbers • Show call history |
| 15. |  Left Soft Key | <ul style="list-style-type: none"> • Select a menu or submenu • Confirm menu option |
| 16. |  Speaker Volume | <ul style="list-style-type: none"> • Increase or decrease volume during a call |

Getting Started

Inserting the Battery

To insert the battery into your phone, perform the following steps:

1. Slide off the battery compartment cover.
2. Insert the battery as shown, making sure the gold connectors are correctly aligned.
3. Replace the battery compartment cover until it clicks into place.

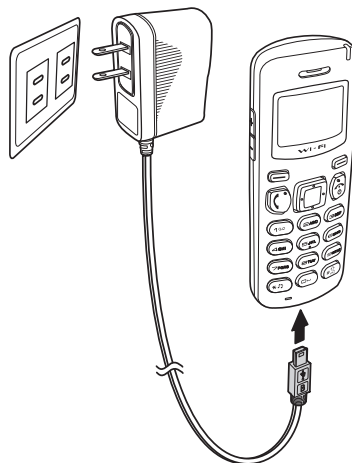


Charging Your Phone

Use AC power adapter to charge your phone.

1. Connect one end of the AC power adapter cable to the port at the rear of the cradle.
2. Plug the AC power adapter into your mains socket.
3. Place your phone in the cradle and charging begins.

We recommend that you charge the battery for three hours before using your phone for the first time.



Turning Your Phone On and Off

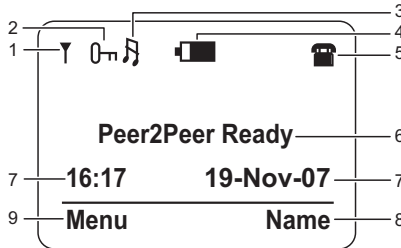
Press and hold the Power/end key (⏻) for two seconds to turn it on. The LCD lights and Welcome to UniVox displays followed by the main screen.

Press and hold the Power/end key (⏻) for two seconds to turn the phone off.






Navigating Phone Menus

The LCD Screen

See below for an overview of the layout of the LCD screen and its icons:



The LCD screen elements are described in the table below:

| No. | Indicator | Description |
|-----|------------------------|--|
| 1. | WiFi signal | Displays the WiFi signal strength. The presence of five bars () indicates the strongest signal and the presence of a single bar indicates the weakest signal. |
| 2. | Key Lock Mode | Displays the keypad locking status. |
| 3. | Mute Mode | Displays the system volume in mute status. |
| 4. | Battery charging level | The presence of all the five bars () indicates that the battery is fully charged or has 100% charge. Charging is indicated by a moving charging bar. |
| 5. | Connection status | Displays the connection status.  indicates connection status;  indicates disconnection status. |
| 6. | Connection Mode | Displays the current connection mode. |
| 7. | Time and Date | Displays the time and date. |
| 8. | Right Soft Key | Press the Right soft key () to execute the displayed command. |

| No. | Indicator | Description |
|-----|---------------|---|
| 9. | Left Soft Key | Press the Left soft key (≡) to execute the displayed command. |

The Menu Screen

From the main screen, press the **Left** soft key (☰) to enter the menu screen. Follow these tips to navigate through the menu and menu options.

- Use the **Navigation Pad** (⏏) to move around the screen.
- The lower bar of the screen displays **Select** for you to enter the menu item currently selected.
- To go back one level in a menu, press the **Power/end key** (⏏).

Use the **Navigation Pad** (⏏) to select the submenu items and options.

For example, to view missed calls, following the steps below:

1. Press the **Left** soft key (☰) to enter the menu screen.
2. Use the **Navigation Pad** (⏏) to select **Call Log** from the main menu.
3. Press the **Left** soft key (☰) to confirm the selection. The **Call Log** submenu opens.
4. Use the **Navigation Pad** (⏏) to select the Missed Calls option.
5. Press the **Left** soft key (☰). A list of missed calls opens.

Menu Map

The following table provides a list of all the factory default menu items:

| Menu | Submenu | Options |
|-----------|--|------------|
| Phonebook | Options | New Entry |
| | | Edit |
| | | Delete |
| | | Delete All |
| Call Log | Received Calls Missed Calls Dialled Calls (these submenus all contain the same options) | Details |
| | | Save |
| | | Delete |
| | | Delete All |
| | | Dial |

| Menu | Submenu | Options |
|------------------|---|--|
| Phone Settings | Language | English as the default language (with as many as six languages) |
| | Ring Settings | Tone |
| | | Volume |
| | Time/Date | Set Time |
| | | Time Format |
| | | Set Date |
| | | Date Format |
| | Profile Settings | New Profile |
| | Audio Settings | Keypad Tone |
| | | Range Warning |
| | | Battery Low |
| | Display Settings | Handset name |
| | | Backlight Duration |
| | AP Settings | Default |
| Master Reset | Reset All Settings | |
| Firmware Upgrade | Upgrade Firmware | |
| Select AP | Select Network | |
| AP Find | Select Network | |
| Select Profile | Peer to Peer or profiles you configured | |
| Information | | |
| WPS Registration | Push Button | |
| | PIN | |

For more detailed menu option descriptions, see “Phone Settings” on page 12.

Settings the Display Language

To set the MIP-200 display language, perform the following steps:

1. Press the **Left** soft key (≡) to display the main menu.
2. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Phone Settings** → **Language**.
3. Select a required language from the provided six languages (English as the default).
4. Press the **Left** soft key (≡).

The display language changes to the selected format.

Setting the Time and Date

To set the MIP-200 date and time, perform the following steps:

1. Press the **Left** soft key (≡) to display the main menu.
2. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Phone Settings** → **Time/Date** → **Set Time**.
3. Enter the correct time using the keypad and press the **Left** soft key (≡) to save.
4. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Phone Settings** → **Time/Date** → **Set Date**.
5. Enter the correct date using the keypad and press the **Left** soft key (≡) to save.

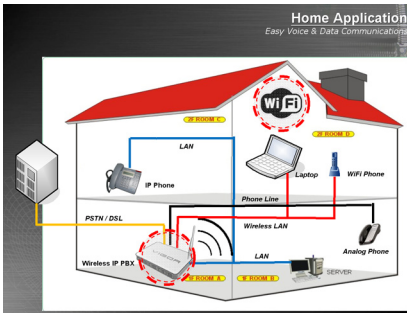


Note: Select the time and date format in **Phone Settings** → **Time/Date** → **Time Format** or **Date Format** if desired.

Installation

The MIP-200 is suitable for home and office use and the setup procedure is similar, with the addition of Session Initiation Protocol (SIP) for office deployment. The two setup models are outlined below.

Typical Home Setup

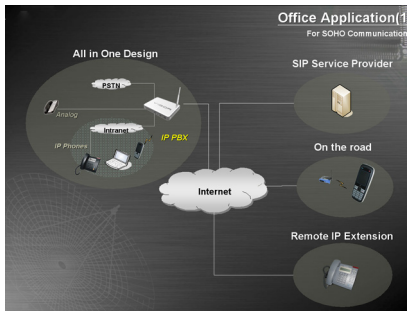


The diagram shows a typical home setup using a local area network (LAN). With the addition of IP PBX connects to a wireless IP or wireless phone.

It provides not just Data IP network, but also provides Voice IP network.

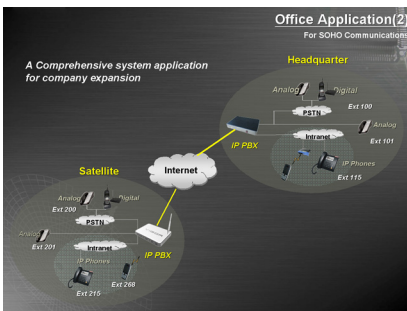
With subscribe to telephone service such as fix land line or SIP (SIP service provider), it would enable phone calls in and calls out.

Typical Office Setup



The diagrams show the typical office communication setups. Stand alone office or branch offices via Internet or Intranet.




With subscribe to telephone service such as fix land line or SIP (SIP service provider), it would enable phone calls in and calls out.



Basic Setup

Basic connection setup between the MIP-200 and Access Point (AP) must be performed for both deployment models described.


To setup the MIP-200, perform the following steps:

1. Ensure that the battery is correctly inserted and fully charged before continuing. See “Inserting the Battery” on page 4 and “Charging Your Phone” on page 5.
2. Ensure that the time and date settings are correct. See “Setting the Time and Date” on page 10.
3. Press the **Left** soft key () to display the main menu.
4. Using the **Navigation Pad** () to scroll to **AP Find** and press the **Left** soft key () to select.




Note: The AP must be configured before the MIP-200 can detect it. See your AP User Manual for more information.

The LCD screen displays **Searching...** and a list of available APs displays.

5. Select the desired AP from the list and press the **Left** soft key () to connect.

The LCD displays **Connecting...**

When the AP is detected, **Make this the default connection?** displays. And options Yes/ No displayed in the lower corner of the screen.

6. Press the **Left** soft key () to make this AP network as your default connection.

Connection saved displays. The main screen is redisplayed with the connection type **Peer2Peer** in the **Ready** state.

The MIP-200 is now connected to the AP and ready for use. For more information on configuring connection settings, refer to your AP User Manual.

Phone Settings

From the main screen, press the **Left** soft key (≡) to enter the menu screen.

Follow these tips to navigate through the menu and menu options:

- Use the **Navigation Pad** (⏏) to move around the screen.
- The lower bar of the screen displays **Select** for you to enter the menu item currently selected using the **Left** soft key (≡).
- To go back one level in a menu, press the **Power/end** key (⏻).
- Use the **Navigation Pad** (⏏) to select the submenu items and options.

Using the Phonebook

Your MIP-200 Phonebook can hold up to 50 contacts which you can access quickly from the main screen by pressing the **Right** soft key (≡), or by pressing the **Left** soft key (≡) to display the main menu and using the **Navigation Pad** (⏏) to scroll to **Phonebook**.

You can search for a specific entry by typing the first letters of the required entry or press the **Left** soft key (≡) to enter the **Options** submenu.







Adding Contacts

To add a contact to the Phonebook, perform the following steps:

1. Press the **Right** soft key (≡) to display the Phonebook screen.
2. Press the **Left** soft key (≡) to enter the **Options** submenu.
3. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **New Entry**.
4. Enter the name of the contact in the Name field.
5. Using the **Navigation Pad** (⏏) scroll to either SIP, No., or IP and press the **Left** soft key (≡).
6. Enter the SIP name and press the **Left** soft key (≡) to save the contact,
OR
Enter the phone number and press the **Left** soft key (≡) to save the contact,
OR
Enter the IP address and press the **Left** soft key (≡) to save the contact.
7. The Phonebook screen redisplay including the new contact information.








Editing Contacts

To edit an existing Phonebook contact, perform the following steps:

1. Press the **Right** soft key () to display the Phonebook screen.
2. Press the **Left** soft key () to enter the **Options** submenu.
3. Using the **Navigation Pad** () to scroll and the **Left** soft key () to select items, go to **Edit**.
4. Using the **Navigation Pad** () scroll to either name, SIP, No., or IP and make any necessary changes.
5. Press the **Left** soft key () to save the modifications.






Deleting Contacts

To delete an existing Phonebook contact, perform the following steps:

1. Press the **Right** soft key () to display the Phonebook screen.
2. Press the **Left** soft key () to enter the **Options** submenu.
3. Using the **Navigation Pad** () to scroll and the **Left** soft key () to select items, go to **Delete**.
4. Using the **Navigation Pad** () scroll to the contact to delete.
5. Press the **Left** soft key () to delete the contact.
6. Press the **Left** soft key () again to confirm the delete operation.

Deleting All Contacts

To delete all existing Phonebook contacts, perform the following steps:

1. Press the **Right** soft key () to display the Phonebook screen.
2. Press the **Left** soft key () to enter the **Options** submenu.
3. Using the **Navigation Pad** () scroll to **Delete All**.
4. Press the **Left** soft key () to delete all contacts.
5. Press the **Left** soft key () again to confirm the delete operation.

Using the Call Log

The MIP-200 Call Log records call history in three submenus:

- **Received Calls**—list all received calls, the most recent at the top of the screen.
- **Missed Calls**—list all missed calls, the most recent at the top of the screen.
- **Dialled Calls**—list all dialled calls, the most recent at the top of the screen.

To access a Call log, perform the following steps:

From the main screen, press right on the **Navigation Pad** (⏏),
OR

1. Press the **Left** soft key (⏏) to display the main menu.
2. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (⏏) to select items, go to **Call Log**.
3. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (⏏) to select items, go to **Received**, **Missed**, or **Dialed Calls**.
4. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (⏏) to select items, go to the desired entry.
5. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (⏏) to select the desired action from the menu:
 - **Details**—display the type, time, and date of the selected entry.
 - **Save**—save the selected entry to the Phonebook.
 - **Delete**—delete the selected entry from the current **Call Log**.
 - **Delete All**—delete all entries from the current **Call Log**.
 - **Dial**—Dial the selected entry.
6. Press the **Left** soft key (⏏) to confirm the action.

Configuring Phone Settings

You can use the MIP-200 Phone Settings menu to configure general handset settings as well as to reset the phone to factory defaults and upgrade the firmware.

Ringer Settings

You can set the ringer Tone and Volume using the ringer menu.

Ringer Tone

To select a ringer tone, perform the following steps:

1. Press the **Left** soft key (⏏) to display the main menu.
2. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (⏏) to select items, go to **Phone Settings** → **Ringer Settings**.
3. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (⏏) to select items, go to **Tone**.
4. Select the required tone from **Simple** (default) and **Wav**.
5. Press the **Left** soft key (⏏) to save changes.

Ringer Volume

To set the ringer volume, perform the following steps:

1. Press the **Left** soft key (≡) to display the main menu.
2. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Phone Settings** → **Ringer Settings**.
3. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Volume**.
4. Using the **Navigation Pad** (⏏) select the required volume from **0** through **4** on the sliding scale.
5. Press the **Left** soft key (≡) to save changes.

Profile Settings

You can create new profiles or edit existing ones using the Profile Settings menu.

Creating Profiles

To create a new profile, perform the following steps:

1. Press the **Left** soft key (≡) to display the main menu.
2. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Phone Settings** → **Profile Settings**.
3. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **New Profile**.
4. Using the **Navigation Pad** (⏏) to scroll the new profile editing items.

The edit screen displays the following options:

- **Edit SIP**—enter your SIP User Name, Password, and Display Name of the profile using the keypad.
- **Edit Domain**—enter your SIP Domain and Domain Port of the profile.
- **Edit Out Proxy**—enter your SIP Out Proxy and Out Proxy Port of the profile.
- **Edit STUN**—enter your SIP STUN Server and STUN Port of the profile.
- **Save**—save your settings by entering the name for the new profile settings. Then you can activate the new profile after the LCD displays **Profile saved. Activate now?**
- **Save As...**—save and apply your settings to a profile you select. Then you can activate the new profile after the LCD displays **Profile saved. Activate now?**
- **Delete**—delete the profile you selected.

- Set Active—activate the profile you selected.
5. Press the **Left** soft key (≡) to save the new profile settings.

For more information on SIP, Domain, Out Proxy, and STUN see the AP User Manual.

Editing Existing Profiles

To edit an existing profile, perform the following steps:

1. Press the **Left** soft key (≡) to display the main menu.
2. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Phone Settings** → **Profile Settings**.
3. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to the profile you want to edit.



Note: If no profiles exist, only **New Profile** is available through this menu.

4. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, make any desired changes.
5. Press the **Left** soft key (≡) to save the edited profile settings.

For more information on SIP, Domain, Out Proxy, and STUN see the AP User Manual.

Enabling and Disabling Tones

To enable or disable a tone, perform the following steps:

1. Press the **Left** soft key (≡) to display the main menu.
2. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Phone Settings** → **Audio Settings**.
3. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Keypad Tone**, **Range Warning**, or **Battery Low**.
4. Press the **Left** soft key (≡) to enable or disable the selected tone.

Display Settings

You can set the display name and backlight duration time (in seconds) that the backlight remains on while the keypad is inactive using the Display Settings menu.

Setting the Display Name

To set the display name, perform the following steps:

1. Press the **Left** soft key (≡) to display the main menu.
2. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Phone Settings** → **Display Settings**.
3. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Display Name**.
4. Using the keypad, enter a name to display on the main screen. You can enter numbers and letters.
5. Press the **Left** soft key (≡) to save changes.

Setting the Backlight Duration

To set the backlight duration time, perform the following steps:




1. Press the **Left** soft key (≡) to display the main menu.
2. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Phone Settings** → **Display Settings**.
3. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Backlight Duration**.
4. Using the **Navigation Pad** (⏏), select the duration between 5 and 40 seconds (the default is 10 seconds).
5. Press the **Left** soft key (≡) to save changes.

Configuring AP Settings

You can set the default access point and configure phone IP and Security settings using the AP Settings menu.

To configure AP settings, perform the following steps:

1. Press the **Left** soft key (≡) to display the main menu.
2. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Phone Settings** → **AP Settings**.


- Using the **Navigation Pad** () to scroll, press the **Left** soft key () to set the selected AP as the default, and press the **Right** soft key () to modify AP settings.

The AP Settings screen displays the following options:

- **IP Settings**—select DHCP or configure Static settings including IP Address, Subnet Mask, Gateway Address, and DNS Address.
- **Security Settings**—enter the Security protocol. The key options are WPA Passphrase, WPA Key, WEP64 Key, WEP64 Passphrase, WEP128 Key, and WEP128 Passphrase.






Note: The security protocol selected must be the same as the AP in order for connection to establish correctly. See your AP User Manual for more information.

- **Delete**—delete the selected AP.
- Press the **Left** soft key () to save settings.



Master Reset

You can return the MIP-200 to the factory defaults using the Master Reset menu.

To reset all phone settings, perform the following steps:

- Press the **Left** soft key () to display the main menu.
- Using the **Navigation Pad** () to scroll and the **Left** soft key () to select items, go to **Phone Settings** → **Master Reset**.

A warning message displays, to prevent accidental deletion of your settings.

- Press the **Left** soft key () to reset all setting changes,
OR
- Press the **Right** soft key () to return to the **Phone Settings** menu.

Upgrading Firmware

Your MIP-200 supports firmware upgrades as they become available from the vendor.

To upgrade your firmware, perform the following steps:



Note: Ensure that the battery is fully charged before starting the upgrade procedure.

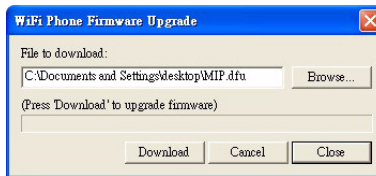
1. Press the **Left** soft key (≡) to display the main menu.
2. Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (≡) to select items, go to **Phone Settings** → **Firmware Upgrade**.
3. Using a USB to mini-USB cable, connect the MIP-200 to a computer with a preaved firmware file or internet access.
4. Press the **Left** soft key (≡) to execute firmware upgrades when the LCD displays **Phone must be connected to computer. Phone will now power-down.**
5. Locate and install your USB driver by selecting **Install from a list or specific location** on the Hardware Update Wizard window if you install on a Windows platform.



- Click **Finish** to exit the wizard when the window displays information about finishing installing the software for DFU (Device Firmware Upgrade) mode.



- Locate and execute the DFU executable file (). A Device Firmware Upgrade window will show up.
- Locate the DFU file and click **Download** to upgrade firmware.



- Detach the USB to mini-USB cable and click **Close** to exit the window when the window displays **Reset complete, please detach device from USB**.



- Turn on the phone again. Now your phone is upgraded to the latest firmware version.

Selecting APs

You can select the local access point to use for connection purposes using the Select AP menu.

To select an AP connection, perform the following steps:

- Press the **Left** soft key () to display the main menu.

- Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (⏏) to select items, go to **Select AP**.

A list of local APs displays.

- Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (⏏) to select items, choose the AP you want to connect to from the list.
- Press the **Left** soft key (⏏) to connect to the selected AP.

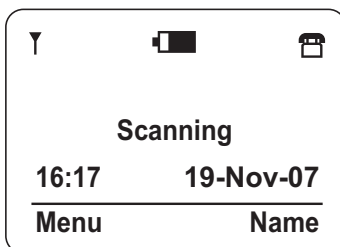
Scanning for APs

You can scan the local area for WiFi reception. If reception is good, you can set the AP as default or connect through the Select AP menu.

To scan for local APs, perform the following steps:

- Press the **Left** soft key (⏏) to display the main menu.
- Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (⏏) to select items, go to **AP Find**.

The LCD screen displays **Scanning** as shown:



Once the scan is complete, a list of detected APs displays.

- Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (⏏) to select items, choose the AP you want to set as the default from the list.

Use the Select AP menu to connect to scanned APs. See “Selecting APs” on page 22.



Selecting Profiles

You can select from existing profiles created in **Phone Settings** → **Profile Settings** or delete profiles no longer required.

To select a profile, perform the following steps:

- Press the **Left** soft key (⏏) to display the main menu.
- Using the **Navigation Pad** (⏏) to scroll and the **Left** soft key (⏏) to select items, go to **Select Profile**.




A list of existing profiles displays.

3. Using the **Navigation Pad** () to scroll and the **Left soft key** () to select items, choose the desired profile.

Information

If the phone is connected to an AP, you can display IP, AP, SIP, Firmware version and MAC address information using this submenu.

To display the information page, perform the following steps:

1. Press the **Left soft key** () to display the main menu.
2. Using the **Navigation Pad** () to scroll and the **Left soft key** () to select items, go to **Information**.

The Information page displays.



Note: If you have not configured connection or profile setup, the only information available in this menu is the Firmware Version.

WPS Registration

Wi-Fi Protected Setup (WPS) is a standard for easy and secure establishment of a wireless home network, created by the Wi-Fi Alliance and officially launched on January 8, 2007.

The goal of the WPS protocol is to simplify the process of connecting any home device to the wireless network, and so it was first named 'Wi-Fi Simple Config'. Also, the protocol is meant to prevent home users from exposing their networks to any sort of attack, and especially free-loading onto their connection to the internet, by configuring the Wi-Fi Protected Access parameters of the Network in an easy way.

The standard achieves its goal by putting much emphasis into usability and security, and the concept is implemented through four usage models that enable a user to establish a home network. so e.g. to add a new device to the Network the user can have up to two choices:

1. PIN Method, in which a PIN (Personal Identification Number) has to be read from either a sticker on the new STA or a display, if there is one, and entered at the "representant" of the Network, either the AP or a Registrar of the Network, cf below the Protocol Architecture.

This is the mandatory baseline model, every Wi-Fi Protected Setup certified product must support it.

2. PBC Method, in which the user simply has to push a button, either an actual or virtual one, on both the AP (or a Registrar of the Network) and the new wireless client device (STA).

Support of this model is mandatory for APs and optional for STAs.

Push Button












PIN

Making Calls

Dialing Contacts

Your MIP-200 WiFi Phone incorporates a Phonebook with a capacity of 50 entries for ease of use. Add, edit, and remove contacts using the Phonebook menu or dial directly from the Phonebook using the Dial Contacts feature.

To dial a contact using the Phonebook, perform the following steps:





1. From the main screen, press the **Right** soft key () to display the Phonebook,
OR
Press the **Left** soft key () to display the main menu.
Using the **Navigation Pad** () to scroll and the **Left** soft key () to select items, go to **Phone Settings** → **Phonebook**.
2. Using the **Navigation Pad** () to scroll and the **Left** soft key () to select items, find the required contact,
OR
Search for the contact by entering the first letter of the name and pressing the **Left** soft key ().
Search for the contact by entering the first letter of the name and pressing the **Left** soft key (.
3. Using the **Navigation Pad** () to scroll and the **Left** soft key () to select items, choose the type of connection for the required contact from SIP, No, and IP.
4. Press the **Call** key () to dial the selected contact.

Dialing Manually

You can dial numbers manually from the MIP-200 keypad if the number is not registered in the Phonebook. Your MIP-200 supports calling to SIP names, regular phone numbers, and IP addresses.




Dialing SIP Names

To dial a SIP name manually, perform the following steps:

1. From the main screen, press the **Call** key (- 2. Using the **Navigation Pad** () to scroll to **SIP**.
- 3. Press the **Left** soft key () and enter the desired SIP ID using the keypad.
- 4. Press the **Call** key () to dial the selected SIP ID.


Dialing Regular Numbers

To dial a regular number manually, perform the following steps:

1. From the main screen, press the **Call** key () .
2. Using the **Navigation Pad** () to scroll to **No.**
3. Press the **Left** soft key () and enter the desired number using the keypad.







Note: Remember to include the national and international prefixes.

4. Press the **Call** key () to dial the selected number.

Dialing IP Numbers

To dial an IP address manually, perform the following steps:

1. From the main screen, press the **Call** key () .
2. Using the **Navigation Pad** () to scroll to **IP**
3. Press the **Left** soft key () and enter the desired IP address using the keypad.
4. Press the **Call** key () to dial the selected IP address.