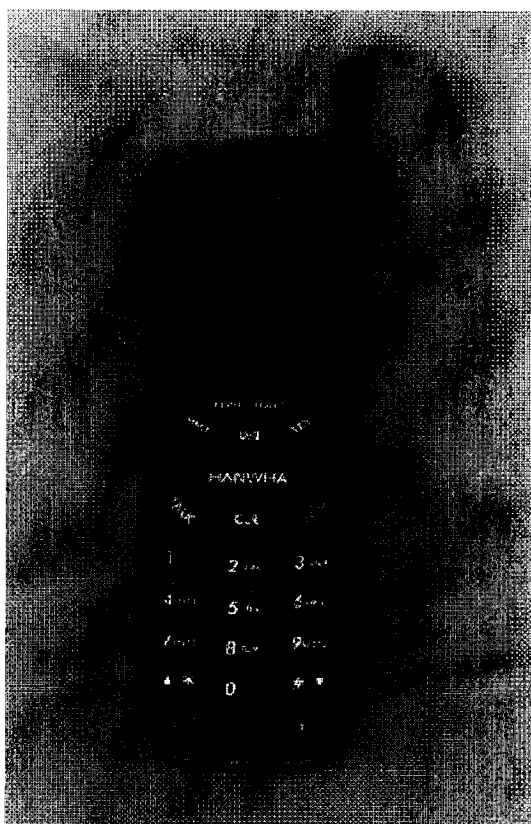


User's Manual

HWC-1000



HANWHA CORPORATION
TELECOMMUNICATION DIV.

THE KEYS

CALL INDICATOR LIGHT
Lights up when someone is calling

VOLUME
Adjusts
volume of
earpiece or
Handsfree kit

SMS
Used for
SMS

MNU

Displays
MENU screen
on LCD

STO

confirms the
selected
menu on
LCD

TALK

Dials the
number on
the display

END

Push this key
to end a
phone call

CLR

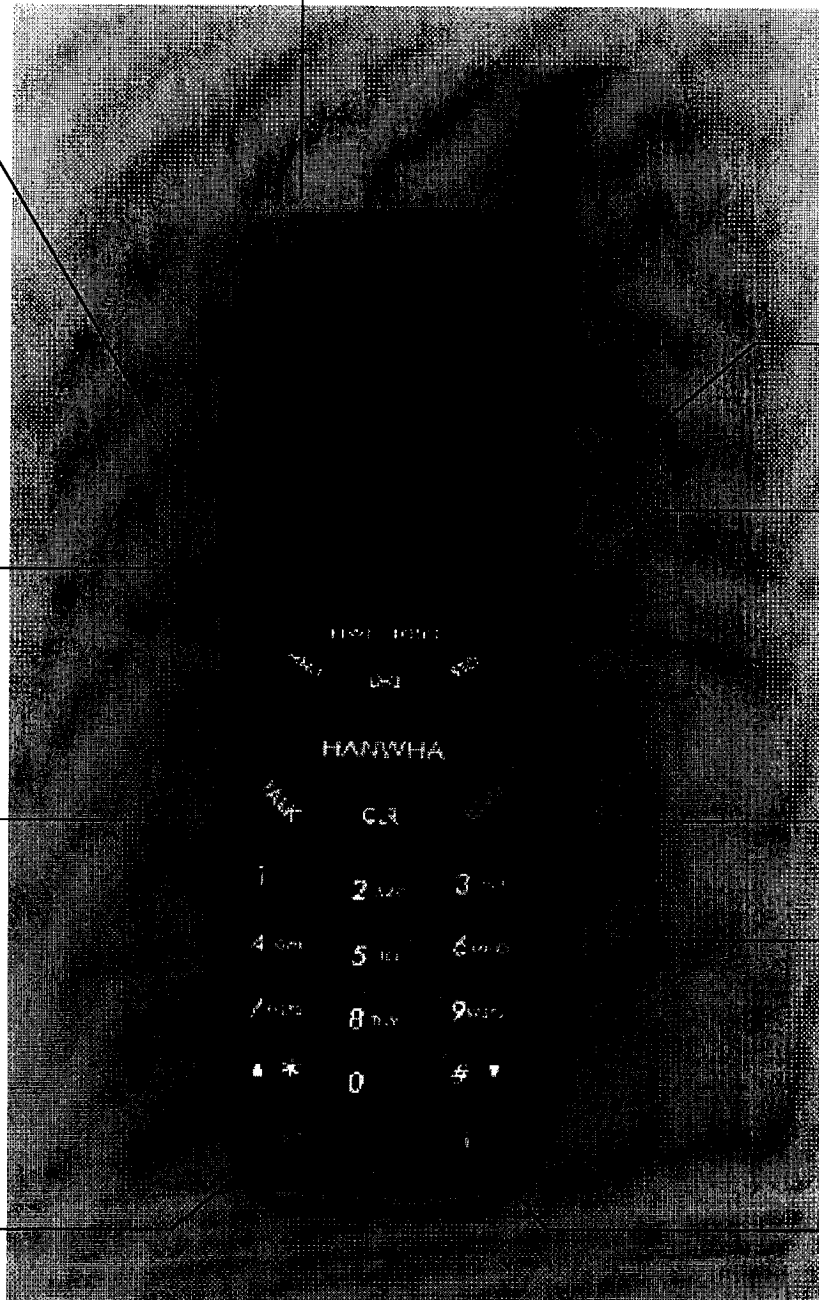
Deletes
characters
and clears
the display

PWR

Press and
hold to
switch your
phone on
and off

END

Used for
Emergency
call



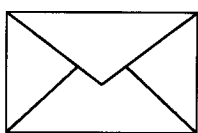
LCD SYMBOLS



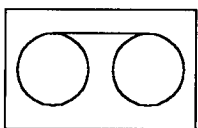
: RSSI



: CELLULAR SYSTEM



: MESSAGE



: VOICE MESSAGE



: IN USE/OUT OF RANGE



: DATA FAX



: ROAMING



: RINGER OFF



: DIGITAL SERVICE



: BATTERY INDICATOR

To Switch Your Phone On/Off

- ✓ Press and Hold **"PWR"** for about 2 seconds Until you hear a beep You will see your phone number on display screen
 - ⇒ Display screen will show a greeting, date and time
 - ⇒ You can customize this greeting and see display screen menu at **"MNU+3+2"**
- ✓ If keypad lock is on, the screen will ask for your Lock Code
- ✓ When your 4 digit Lock Code is entered, you will see the display screen with greeting, date and time (the default Lock Code is set as 0000) Emergency calls button such as 911 and **"i"** key will be available even with keypad lock on
- ✓ To turn you phone off, press and hold **"PWR"** for about 2 seconds

To make a call

- ✓ Enter the number including the area code
- ✓ Press **"TALK"**
- ✓ To End a call, press **"END"** (When a call is ended, call time will be displayed for about 2 seconds)
 - ⇒ If you make a mistake entering a number, Press **"CLR"** to delete the last number or press and hold **"CLR"** to clear the entire numbers
 - ⇒ Volume can be controlled with [side-down] key (only during a call)
 - ⇒ When you are not making a call [side-down] key will control key tone volume

Speed Dial

- ✓ For memory location 0-9, Press and hold the memory location number for longer than 1 sec
- ✓ For memory location 10-99, Press the first digit as normal and then press and hold the second digit for longer than 1 sec

To answer a call

- ✓ Press any key, except **"PWR"**
- ✓ To end a call, press **"END"**
- ✓ Call time will be displayed for about 2 secs after your end the call
 - ⇒ If a call was not answered, incoming phone number and called time will be displayed (Caller ID) if you press **"TALK"** at this display The phone will dial the displayed number

To send your number instantly (When paging someone)

- ✓ Press **MNU+1** : This sends your number to the pager automatically(only during a call)

Memo (To enter a number or other data during a call)

- ✓ Press **MNU+3** (only during a call)
- ✓ User keypad to enter or edit memo (The key tone will not be heard by the person at the other side)
- ✓ Press **“STO”**
 - ⇒ To confirm or see stored memo see **“Personal memo” (MNU+1+7)**

Mute

- ✓ Press **MNU+4** to activate mute
- ✓ Press **MNU+4** again to deactivate mute

Emergency Call

- ✓ Press **“i”** for longer than 1 sec
- ✓ To store a number in **“i”** memory location Press **MNU+1+5**

MNU+1 : Memory Function

1. To see call time

1:To See Last Call Time

⇒ Press **MNU+1+1+1**

2:To See All Call Time

⇒ Press **MNU+1+1+2**

3:To See Home Are Call Time

⇒ Press **MNU+1+1+3**

4:To See Roaming Are Call Time

⇒ Press **MNU+1+1+4**

2. To See World Time

⇒ Press **MNU+1+2**

⇒ Select a desired city by using **“▲*/▼#”**

⇒ Press **“STO”** To view time at selected city

3. To Store Phone Numbers into memory location

- ⇒ Press **MNU+1+3**
- ⇒ The screen will display “Number?” Enter the phone number to store and press “**STO**”
- ⇒ The screen will show empty memory location such as “Default : 00 ” Use(**▲*/▼#**) to select wanted empty memory location and press “**STO**”
- ⇒ The screen will show “Name?” Enter the name and press “**STO**”
 - To store a number while standing by or during a call Enter a number and press “**STO**” The screen will show an empty memory location (follow above)

4. Memory Search

1:Outgoing Call Viewing

- ⇒ Press **MNU+1+4+1**
- ⇒ Use (**▲*/▼#**) to view last outgoing 10 called numbers

2:Incoming Call Viewing

- ⇒ Press **MNU+1+4+2**
- ⇒ Use (**▲*/▼#**) to view last incoming 10 called numbers

3:Name Search

- ⇒ Press **MNU+1+4+3**
- ⇒ When display shows “Name?” Enter name and press “**STO**”
- ⇒ Use (**▲*/▼#**) to select other names

4:Phone Number Search

- ⇒ Press **NMU+1+4+4**
- ⇒ When “Number?” is displayed on the screen, enter the number and press “**STO**”
- ⇒ Use (**▲*/▼#**) to select other numbers

5:Memory location search

- ⇒ Press **MNU+1+4+5**
- ⇒ Select Location Number The screen will display “Location” enter the location number
- ⇒ Use (**▲*/▼#**) to select other locations

5. To store Emergency number “i” key

- ⇒ Press **MNU+1+5**
- ⇒ The screen will show current number stored under “i” key If this number needs to be replaced, enter a new number and press “**STO**”
- ⇒ Or while standing by, enter the number and press “i”, the screen will ask if you want to replace the number

- ⇒ Select “Yes” to replace the number

6. To Clear Memory

1: To Clean Outgoing Call List

- ⇒ Press **MNU+1+6+1**
- ⇒ The screen will show “Outgoing Call?” Use (▲*/▼#) to select “Yes” or “No” and press “**STO**”

2: To Clean Incoming Call List

- ⇒ Press **MNU+1+6+2**
- ⇒ The screen will show “Incoming Call?” Use (▲*/▼#) to select “Yes” or “No” and press “**STO**”

3: To Clean All Memory

- ⇒ Press **MNU+1+6+3**
- ⇒ The screen will show “Clean All Memory?” Use (▲*/▼#) to toggle between “Yes” or “No” and press “**STO**”

7. To See Personal Memo

- ⇒ You can view personal memo entered during a call by pressing **MNU+1+7**

MNU+2 : Call Setting

1. Ring Volume

- ⇒ Press **MNU + 2 + 1**
- ⇒ Use (▲*/▼#) to toggle between Level 1 to Level 5
- ⇒ Press “**STO**” after selecting desired Ring volume

2. Ring Type

- ⇒ Press **MNU + 2 + 2**
- ⇒ Use (▲*/▼#) to toggle between Bell 1 to 4 and Melody 1 to 6
- ⇒ Press “**STO**” after selecting desired ring type

3. Automatic Re-dial

- ⇒ Press **MNU + 2 + 3**
- ⇒ Use (▲*/▼#) to toggle between desired time (off / 5sec / 10sec)
- ⇒ Press “**STO**” after selecting desired time

4. Auto Answer

- ⇒ Press **MNU + 2 + 4**
- ⇒ To select number of rings before handset Automatically answer a call
- ⇒ Use (**▲*/▼#**) to toggle between number of rings (Off / 1~4 Rings)
- ⇒ Press “**STO**” after selecting desired number

5. Hands free Volume Control

- ⇒ Press **MNU + 2 + 5**
- ⇒ Use (**▲*/▼#**) to toggle between Volumes Lever 1 to 5
- ⇒ Press “**STO**” after selecting desired Level

MNU+3 : Phone Setting

1. Back Light Function

1:Back light duration

- ⇒ Press **MNU+3+1+1**
- ⇒ Use (**▲*/▼#**) to toggle and select duration (Always off / 5sec / 10 sec / Always on)
- ⇒ Press “**STO**” to select desired duration

2:Back Light Color

- ⇒ Press **MNU+3+1+2**
- ⇒ Use (**▲*/▼#**) to select / toggle color (Yellow / Green)
- ⇒ Press “**STO**” to select desired color

2. Editing Greeting

- ⇒ Press **MNU + 3 + 2**
- ⇒ When the screen shows “Greeting?” Edit the Greeting
- ⇒ Press “**STO**” to select desired Greeting

3. Call Volume

- ⇒ Press **MNU + 3 + 3**
- ⇒ Use (**▲*/▼#**) to select / toggle Call Volume (Level 1 ~ 5)
- ⇒ Press “**STO**” to select desired Call volume

4. Key Tone Volume

- ⇒ Press **MNU + 3 + 4**
- ⇒ Use (**▲*/▼#**) to select / toggle Key Tone Volume (Silent/Level 1 ~ 4)
- ⇒ Press “**STO**” to select desired Key Tone Volume

5. Key Tone Length

- ⇒ Press **MNU + 3 + 5**
- ⇒ Use (**▲*/▼#**) to select / toggle Key Tone Length (Short / Continuance)
- ⇒ Press “**STO**” to select desired Key tone Length

6. DTMF Tone Length

- ⇒ Press **MNU + 3 + 6**
- ⇒ Use (**▲*/▼#**) to select / toggle DTMF Tone Length (Short(100m sec)/Long(500m sec))
- ⇒ Press “**STO**” to select desired DTMF Tone Length

7. Power up melody

- ⇒ Press **MNU + 3 + 7**
- ⇒ Use (**▲*/▼#**) to select / toggle Power up melody (Off / Melody 1~6)
- ⇒ Press “**STO**” to select desired Power up melody

8. Language Setting

- ⇒ Press **MNU + 3 + 8**
- ⇒ Use (**▲*/▼#**) to select / toggle Language Setting (English / Spanish)
- ⇒ Press “**STO**” to select desired Language

9. LCD Contrast Setting

- ⇒ Press **MNU + 3 + 9**
- ⇒ Use (**▲*/▼#**) to select / toggle Contrast Setting (Level 1~5)
- ⇒ Press “**STO**” to select desired Contrast

MNU + 4 : Security

1. Automatic Phone Lock

- ⇒ Press **MNU + 4 + 1**
- ⇒ This Feature locks the phone and requires a code upon or power up
- ⇒ Use (**▲*/▼#**) to select / toggle On / Off
- ⇒ Press “**STO**” after selecting desired Function

2. Lock code change

- ⇒ Press **MNU + 4 + 2**
- ⇒ Edit / Enter new number

- ⇒ Press “**STO**” to select desired number

3. Call Restriction

1:Restricting Incoming Call

- ⇒ Press **MNU + 4 + 3 + 1**
- ⇒ Use (▲*/▼#) to select / toggle On / Off
- ⇒ Press “**STO**” to select desired Function

2:Restricting Outgoing Call

- ⇒ Press **MNU + 4 + 3 + 2**
- ⇒ Use (▲*/▼#) to select / toggle On / Off
- ⇒ Press “**STO**” to select desired Function

3:Restricting Memory Call

- ⇒ Press **MNU + 4 + 3 + 3**
- ⇒ Use (▲*/▼#) to select / toggle On / Off
- ⇒ Press “**STO**” to select desired Function

4:Restricting International Calls

- ⇒ Press **MNU + 4 + 3 + 4**
- ⇒ Use (▲*/▼#) to select / toggle On / Off
- ⇒ Press “**STO**” to select desired Function

5:Restricting Long Distance Calls

- ⇒ Press **MNU + 4 + 3 + 5**
- ⇒ Use (▲*/▼#) to select / toggle On / Off
- ⇒ Press “**STO**” to select desired Function

6:Restricting No. “900-xxx-xxxx” Calls

- ⇒ Press **MNU + 4 + 3 + 6**
- ⇒ Use (▲*/▼#) to select / toggle On / Off
- ⇒ Press “**STO**” to select desired Function

4. Phone Reset

- ⇒ Press **MNU + 4 + 4**
- ⇒ To reset the phone to default value
- ⇒ Use (▲*/▼#) to select / toggle On / Off
- ⇒ Press “**STO**” to select desired Function

5. PIN Setting

- ⇒ Press **MNU + 4 + 5**

- ⇒ Use (▲*/▼#) to select / toggle On / Off
- ⇒ Press “STO” to select desired Function

MNU + 5 : Alert Option

1. Service Alert

- ⇒ Press MNU + 5 + 1
- ⇒ Use (▲*/▼#) to select / toggle Setup / Release
- ⇒ Press “STO” to select desired Service Alert

2. Area Change

- ⇒ Press MNU + 5 + 2
- ⇒ Use (▲*/▼#) to select / toggle Setup / Release
- ⇒ Press “STO” to select desired Area Change Alert

3. Call Drop Alert

- ⇒ Press MNU + 5 + 3
- ⇒ Use (▲*/▼#) to select / toggle Setup / Release
- ⇒ Press “STO” to select desired Call Drop Alert

4. 1Min Alert

- ⇒ Press MNU + 5 + 4
- ⇒ Use (▲*/▼#) to select / toggle Setup / Release
- ⇒ Press “STO” to select desired 1Min talking Alert

5. Roaming Alert

- ⇒ Press MNU + 5 + 5
- ⇒ Use (▲*/▼#) to select / toggle Setup / Release
- ⇒ Press “STO” to select desired Roaming Alert

MNU + 6 : System Selection

1. Network

- ⇒ Press MNU + 6 + 1
- ⇒ Use (▲*/▼#) to select / toggle Network Mode (CDMA Only / AMPS Only / CDMA Preferred / AMPS Preferred)
- ⇒ Press “STO” to select desired Network Mode

2. AMPS System

- ⇒ Press MNU + 6 + 2

- ⇒ Use (▲*/▼#) to select / toggle Mode (A Only / B Only / A Preferred / B Preferred)
- ⇒ Press “**STO**” to select desired AMPS System

3. CDMA Only

- ⇒ Press **MNU + 6 + 3**
- ⇒ Use (▲*/▼#) to select / toggle Mode (A Only / B Only / A Preferred / B Preferred)
- ⇒ Press “**STO**” to select desired CDMA System

MNU + 7 : NAM Selection

1. NAM Function

1:Manual NAM Selection

- ⇒ Press **MNU + 7 + 1**
- ⇒ Use (▲*/▼#) to select / toggle Nam number (NAM1 / NAM2 / NAM3 / NAM4)
- ⇒ Press “**STO**” to select desired Nam number

2:Auto NAM Selection

- ⇒ Press **MNU + 7 + 2**
- ⇒ Use (▲*/▼#) to select / toggle On / Off
- ⇒ Press “**STO**” to select desired Function

MNU + 8 : Schedule + Alarm

1. Alarm Setting

- ⇒ Press **MNU + 8 + 1**
- ⇒ Use (▲*/▼#) to select / toggle Alarm Type (Off/ Single Alarm/Daily Alarm) and press “**STO**”
- ⇒ Press “**STO**” to select desired Time

2. Schedule Setting

- ⇒ Press **MNU + 8 + 2**
- ⇒ When the screen shows date edit mode, enter date and press “**STO**”
- ⇒ When the date is entered and stored, enter appropriate memo and press “**STO**”
(You can enter upto 10 schedules)

3. Schedule Search

- ⇒ Press **MNU + 8 + 3**
- ⇒ The screen will show stored schedule and its number
- ⇒ Press “**STO**” to select desired Schedule

MNU + 9 : Alert Setting

- ⇒ To Select Ring Type
- ⇒ Press **MNU + 9**
- ⇒ Use (▲*/▼#) to select / toggle Ring Type
- ⇒ Available Ring type
 - 🔔 Bell + Lamp
 - 🔔 Vibration + Lamp
 - 🔔 Bell after Vibration
 - 🔔 Vibration after Bell
 - 🔔 Lamp

MNU + 0 : Phone Number

- ⇒ To see you phone number on the screen
- ⇒ Press **MUN + 0**