HWT-5000

Owner's Manual
HANWHA/TELECOM

FCC RF EXPOSURE INFORMATION

Read this information before using your handset

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Body-worn Operation

This device was tested for typical body-worn operations using the Hanwha belt-holster. To comply with FCC RF exposure requirements use only Hanwha approved accessories. When carrying the phone with the power on, use only the specific Hanwha belt-holster that has been tested for compliance. The use of non Hanwha approved accessories may not comply with FCC RF exposure requirements and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov

Getting to know Your phone.

1. MENU : used to enter the MENU facility and return to standby mode
2. SEND : Lets you place and receive calls
3. CLS : Allows you to clear characters from the screen
   - To erase one character from the display screen, briefly press it once
   - To erase all of them, hold it down for one second
4. END : Lets you disconnection a call and backup menu levels
5. Message Key : Lets you access your voicemail or SMS box and read to your messages.
6. PWR : Turns the phone on and off
7. STO : used to confirm a setting in the menu facility and stored the number
8. i : emergency Key, you can store one number for emergency. It does operate when the Keyguard is activated
9. '▲ *' :   - used to scroll up through menu functions & allows you to select the type of character(upper-case , lower-case, symbol) while in edit functions

10.'# ▼ ' :   used to scroll down through menu functions

Display indicators.

Different indicators are displayed based on the phone's operation mode.

D Indicates that your Phone is operating in digital mode. If this indicator is not displayed, either your phone is operating in analog mode or no service is available.

A Indicates that your Phone is operating in analog mode.

Yil Measures your current signal strength. More lines means more signal strength.

Toor This means the phone is outside service areas. When this is displayed, you cannot use your phone.

⌂ Tells you a call is in progress.

Rm If this indicator is not displayed, you are in the HOME Network. If it is displayed(it may or may not be flashing), you are on another service provider's network.

r☑ Indicates when you have SMS messaged waiting.

▮▮▮▮ Shows the level of your battery charge. The more black you see, the greater the charge.

◁‖ Ringer off indicator

"☑ Voice message indicator

QUICK GUIDE:

Making a call:	Key in the area code and phone number and press "SEND" key
Receiving a call:	Press any key except the "PWR" key
Adjust Volume:	Press to ▲ increase and ▼ to decrease the volume.(side key will do The same function)
Clear a digit:	Press the "CLR" key
Clear display:	Press and hold the "CLR" key for more than 1 second
Ending the call:	Press the "END" key
Last number redial:	Make sure the display is clear and press "SEND" key for more than 1 second

The Menu Facility:

Enter menu facility:	Press the "MENU" soft key
Select function:	Press the "STO" soft key
Exit function:	Press the "END" key
Scroll key:	Press▲ to scroll forward and ▼ to scroll backward

Memory Functions:

Storing a number:	ensure the display is clear, enter area code and phone number. Press "STO" key to enter a name. Press and hold the "STO" key to save the name.
Searching for a name:	with a clear display, press the "STO" key then follow the display
Searching for a number:	with a clear display, press the "STO" key then follow the display
Speed dialing:	Press a location number for more than one second.

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1. For your safety

☞Don't use a Hand-held phone while driving; use hands-free equipment or park the
vehicle first

☞Switch off in Hospitals, on Aircraft, when refueling, near blasting area

☞Use only in the normal position (to ear)

☞Radio interference may affect the performance of the phone. Please, do not
rely solely upon the phone for essential communications.

☞Only qualified service personnel may install or repair cellular phone equipment.
Use only approved accessories and batteries.

2. Battery and signal

☞Please use only batteries approved by the phone manufacture and recharge
your battery only with the charges approved by the manufacture.

☞A new battery's full performance is achieved only after two or three
complete charge and discharge cycles.

Please turn off the power before removing the battery.

To charge the battery

☞Plug the charger into a standard AC wall outlet then place the phone in the desk top charger.

☞If the battery charging is too hot or cold, the charging may be interrupted.

Talk and standby time

Size	Spec.	Calculation	CDMA mode	Amps Mode
Standard Battery (1000mAh)	Standby Time	Calculation Data	50~70 hours	9 hours
	Talk Time	Display in Manual	30~70 hours	5~10 hours
	Standby Time	Calculation Data	115~117 mins	60mins
	Talk Time	Display in Manual	90~120 mins	30 ~ 60 mins
Extended Battery (1400mAh)	Standby Time	Calculation Data	71~100 hours	13 hours
	Talk Time	*Display in Manual*	50~100 hours	10~15hours
	Standby Time	Calculation Data	164mins	84mins
	Talk Time	Display in Manual	140~170mins	60~90 mins

Important Information for the battery.

☞Use only batteries and chargers approved by the phone manufacturer.

☞The battery can be charged and discharged many of times but it will eventually wear out.

☞When the operating time is noticeably shorter than normal, it is time to buy a new battery.

☞Do not dispose of a battery in a fire.

☞Use the battery only for its intended purpose

☞Overcharging may shorten its life. Please do not leave the battery connected to charger for more than a week
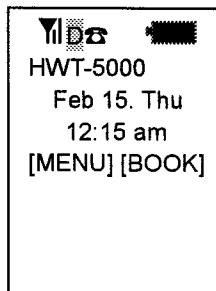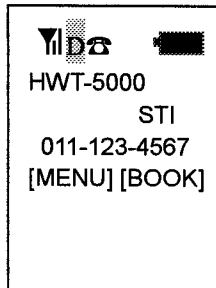
Signal Strength Indication

☞The higher the bar, the stronger the signal is where you are operating your phone.

☞If the signal is poor and you are using the phone in a building, you may get better Reception near a window.

The Basics

1. To Switch your phone On and Off

To Switch your phone On

— Press and hold down the "END" key for more than 1 second. (Your phone number will appear on the display briefly and you will hear a beep.)

- Then, a greeting, the day of the week, month, date and time will appear on the display.
- Your phone allows you to change the greeting that appears on the display.
  (For changing the greeting, see "**Banner**"(**MENU + 2 + 2**) in the menu.)

```
▓▓▓▓▓ ▬▬
HWT-5000
              STI
011-123-4567
[MENU] [BOOK]
```

```
▓▓▓▓▓ ▬▬
HWT-5000
    Feb 15. Thu
     12:15 am
[MENU] [BOOK]
```

— If **Lock Mode** is activated, your phone will ask you to enter your security code.

— After you enter your security code, your phone will be in standby state. (The factory default code is 0000, and that is what your phone will accept until it is changed.)

```
▓▓▓▓▓ ▬▬
Enter
Lock Code

    _____
       [quit]
```
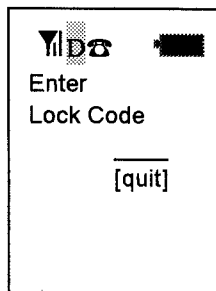
To Switch your phone Off

— Press and hold down the "END" key for more than 1 second.

2. To make a call

— Enter the phone number. Include the area code if necessary.
— Press the "**SEND**" Key.
— Then you can speak.
— When you want to hang up, press "**END**" key.
  (When you press "**END**" key, **call timer** will remain on the screen for about 2 seconds.)

```
▓▓▓▓▓ ▬▬
Calling ...

    02-123-4567
```

- Press "**CLR**" key to delete the last character or press and hold down "**CLR**" key to clear the entire display.
- You can adjust volume of earpiece with the two buttons on the side of your phone, the [**Side-down**] Key. (This feature is only available while in a conversation.)

- In standby state, the [Side-down] Key adjusts the ringer volume.

3. To make a call by using stored numbers. (Speed dialing)

— **If you plan on using this feature, you will need to store your most frequently-dialed numbers in memory locations 0 through 99.**

- For stored numbers in memory location 0 to 9, press the digit for more than 1 second, and for stored numbers in memory location 10 to 99, press the first digit briefly and then press the second digit for more than 1 second.

4. To answer a call

— The ring sounds.

— When you receive a call, you can press any other key on your phone to answer an incoming call, with the exception of the "END" key.

— When you want to hang up, press "END" Key.

- Call timer will remain on the screen for about 2 seconds, then connected time will be appeared.

```
▚▎D▪(   ▄▄▄
Incoming
Digital
Call
```
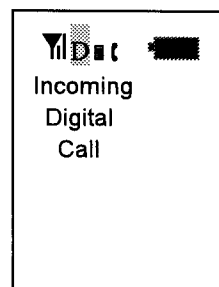
5. To mute your phone's microphone (MUTE)

— This feature allows you to mute your phone's microphone while in a conversation.

— While using mute, you can still hear the caller's voice.

— Press the "MENU + 7 + 4" Key while in a conversation.

— **To unmute your phone's microphone.**
Press the "MENU + 7 + 4" Key again or press "END" key to deactivate this feature.

```
▚▎D▪(   ▄▄▄
Mute 0:35
011-123-4567
[MENU] [BOOK]
```
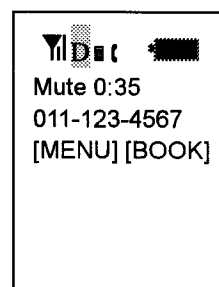
6. To make an emergency call (EMERGENCY CALL)

— This feature allows you to make emergency calls with a single push of a button.

— For more information about storing the emergency call number, see the section on "MENU + 6 + 4".)

7. Roam indicator beep (ROAMING)

— When you enter or leave your roam service area, your phone will beep and display the roaming icon on the screen.
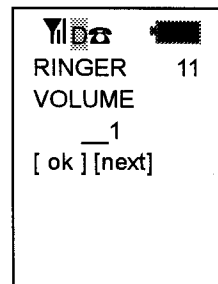
1. Volume

— This feature allows you to customize your phone's volume settings such as your phone's ringer, your phone's earpiece, your phone's keypad tones and your phone's received message.

```
YlD☎     ▬
VOLUME    1
1:Ringer
2:Key Beep
3:Earpiece
```
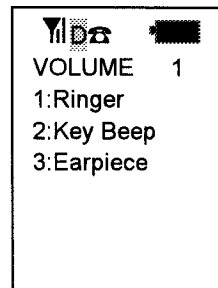
1) Ringer

⇨ With this feature, you can adjust your phone's ringer volume.

⇨ Press the "**MENU + 1 + 1**" Key.

⇨ Use the ' ▲ *' or '#▼ ' Key to adjust your phone's ringer volume, then press the "**SK1**" Key to store it.

```
YlD☎     ▬
RINGER    11
VOLUME
   _1
[ ok ] [next]
```

2) Key keep

⇨ You can adjust the volume of keypad tones.

(The keypad tones are the sounds you hear when you press any key on your phone's keypad.)

⇨ Press the "**MENU + 1 + 2**" Key.

⇨ Use the ' ▲ *' or '#▼ ' Key to adjust the volume of keypad tones, then press the "**SK1**" Key to store it.

⇨ The two buttons on the side of your phone allow you to adjust keypad tones in standby state.

```
YlD☎     ▬
PRIV. KEY  12
VOLUME
         silent
[ ok ] [next]
```
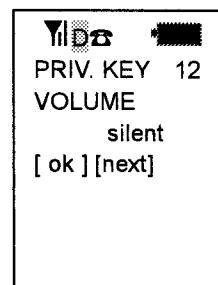
3) Earpiece

⇨ You can adjust volume of earpiece .

(The earpiece are the sounds you hear while in a conversation.)

⇨ Press the "**MENU + 1 + 3**" Key.

⇨ Use the ' ▲ *' or '#▼ ' Key to adjust the volume of the earpiece, then press the "**SK1**" Key to store it.

⇨ The two buttons on the side of your phone allow you to adjust earpiece in a conversation.

```
YlD☎     ▬
HEADSET   13
VOLUME
    _2
[ ok ] [next]
```
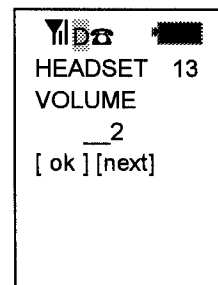
4) Message

⇨ You can adjust the volume of beep when your message is received.

```
YlD☎     ▬
MESSAGE   14
VOLUME
    _2
[ ok ] [next]
```
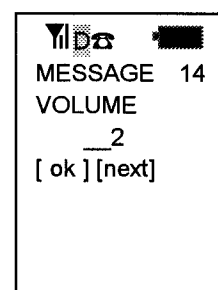
⇨ (The message alert are the sounds you hear when your phone's received message.)

⇨ Press the "**MENU + 1 + 4**" Key.

⇨ Use the '▲ *' or '# ▼' Key to adjust the volume of the received message, then press the "**SK1**" Key to store it.

2. *Display*

— This feature allows you to customize your phone by setting its backlight-illuminating duration and setting the banner and setting the date/time.

```
▏ll DΩ    ▄▄
DISPLAY      2
1:Backlight
2:Banner
3:Show Time
```
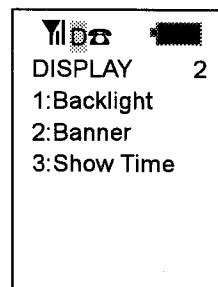
1) Backlight

⇨ You can choose the light–up-duration of your phone's display and keypad.

⇨ Press the "**MENU + 2 + 1**" Key.

⇨ Press the '▲ *' or '# ▼' Key to select the desired setting (**Always Off / 10seconds / 30seconds / Always On**), then press the "**SK1**" Key to store it.

```
▏ll DΩ    ▄▄
BACKLIGHT 21
on when
  earpiece up
[ ok ] [next]
```
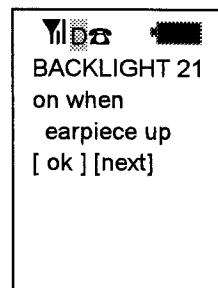
2) Banner

⇨ Your phone allows you to change the greeting that appears on the initial screen.

⇨ Press the "**MENU + 2 + 2**" Key.

⇨ Enter new greeting, or edit the existing one, using the letters on the keypad. (Maixmum 12 characters)

```
▏ll DΩ    ▄▄
BANNER      22

HWT-5000
[ ok ] [edit]
```
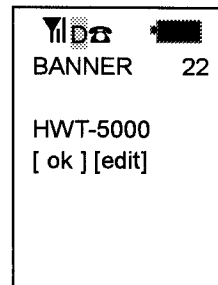
3) Showtime

⇨ Your phone allows time and date you received that appears on the initial screen.

⇨ Press the "**MENU + 2 + 3**" Key.

⇨ Your phone's time and date can not change.

```
▏ll DΩ    ▄▄
SHOW       23
TIME & DATE
        yes
[ ok ] [next]
```
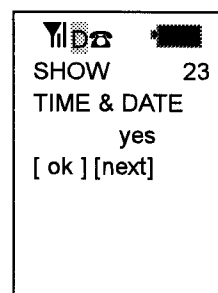
4) AutoHypen

⇨ With this feature, you can insert hyphen into a phone number.

⇨ Press the "**MENU + 2 + 4**" Key when you want to insert hyphen into a phone number.

```
▼◗▯☎     ▄▆
AUTO        24
HYPHENATION
        on
[ ok ] [next]
```
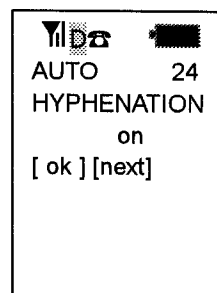
5) Version

⇨ You can see software version of your phone.

⇨ Press the "**MENU + 2 + 5**" Key.

⇨ [MORE]

　　PRL version

　　ESN

```
▼◗▯☎     ▄▆
VERSION    25
PP3.0.20
TESTv04   m
[ OK ] [MORE]
```

3. *System*

— This feature allows you to customize your phone by setting its system, force mode and data/fax.

```
▼◗▯☎     ▄▆
SYSTEM      3
1:Select
2:Force Mode
3:Data/Fax
```
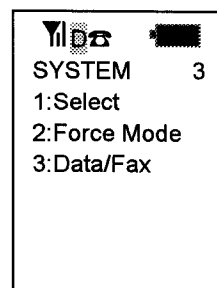
1) Select

⇨ You can choose a home system you should use.

⇨ Press the "**MENU + 3 + 1**" Key.

⇨ If this feature is set to **standard** and your phone failure of acquire the system, your phone is able to select another system. (System B preferred)

```
▼◗▯☎     ▄▆
SELECT     31
  Home is B
  → standard
[ ok ] [next]
```
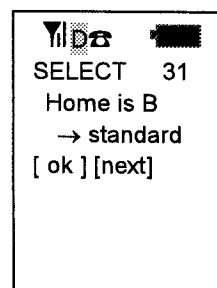
2) Force Mode

⇨ You can choose a network system you should use.

⇨ Press the "**MENU + 3 + 2**" Key.

⇨ Press the '▲ *' or '# ▼ ' Key to select the desired setting (**Automatic / CDMA Only / PCS Only / Cell only**), then press the "**SK1**" Key to store it.
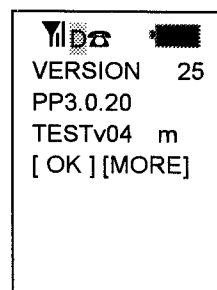
```
▼◗▯☎     ▄▆
FORCE      32
MODE
→ Automatic.
[ ok ][next]
```
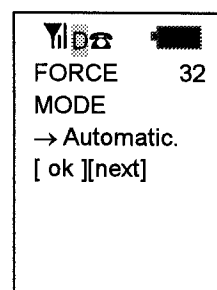
3) Data/Fax

⇨ You can choose a fax and modem you should use.

⇨ Press the "**MENU + 3 + 3**" Key.

⇨ Press the '▲ *' or '#▼' Key to select the desired setting (**fax for next call/fax until powered off/modem for next callmodem until powered off**), then press the "**SK1**" Key to store it.

```
▟ ▯☎    ◄▆
FORCE      33
data/fax
              off
[ ok ] [next]
```

4. Alerts

— This feature allows you to activate or deactivate every kind of beep sound.

```
▟ ▯☎    ◄▆
ALERTS      4
1:Fade
2:Minute
3:Service
```
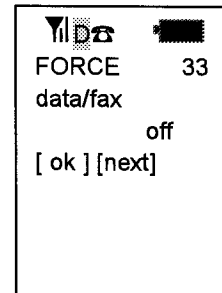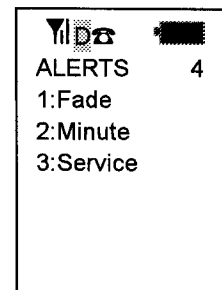
1) Fade

⇨ If your phone's connection is cut off abnormally, and this feature is set to **On,** your phone will beep once.

⇨ Press the "**MENU + 4 + 1**" Key.

⇨ Press the '▲ *' or '#▼' Key to select the desired setting (**On / Off**), then press the "**SK1**" Key to store it.

```
▟ ▯☎    ◄▆
FADE       41
ALERT
              off
[ ok ] [next]
```
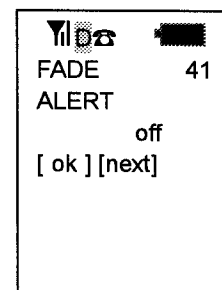
2) Minute

⇨ If this feature is set to **On,** your phone will beep once per minute.
        (The beep will not be sent to other party)

⇨ Press the "**MENU + 4 + 2**" Key.

⇨ Press the '▲ *' or '#▼' Key to select the desired setting (**On / Off**), then press the "**SK1**" Key to store it.

```
▟ ▯☎    ◄▆
MINUTE     42
ALERT
              off
[ ok ] [next]
```
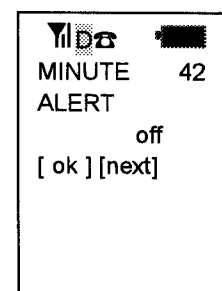
3) Service

⇨ If your service area is changed, and this feature is set to **On,** your phone will beep once.

⇨ Press the "**MENU + 4 + 3**" Key.

⇨ Press the '▲ *' or '#▼' Key to select the desired setting (**On / Off**), then press the "**SK1**" Key to store it.

```
▟ ▯☎    ◄▆
SERVICE    43
ALERT
              off
[ ok ] [next]
```
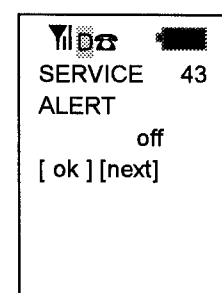
4) RoamRinger

⇨ When your phone begins roaming, your phone will beep once.

⇨ Press the "**MENU + 4 + 4**" Key.

⇨ Press the ' ▲ *' or '# ▼ ' Key to select the desired setting (**On / Off**), then press the "**SK1**" Key to store it.
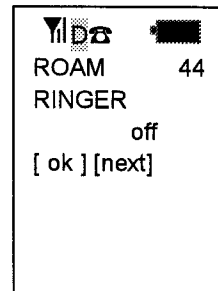
```
▔▔▔▔▔▔▔▔▔▔▔▔
📶 D☎    ▪️▬▬
ROAM        44
RINGER
              off
[ ok ] [next]
```

5. Call Info.

— This feature allows you to manage call and run time.

```
▔▔▔▔▔▔▔▔▔▔▔▔
📶 D☎    ▬▬▬
CALL INFO  5
1:Last Call
2:Home Calls
3:Roam Calls
```
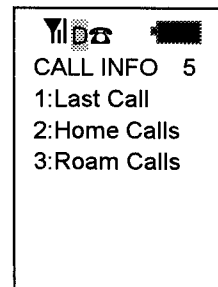
1) Last Call

⇨ This feature shows the duration of the last call.

⇨ Press the "**MENU + 5 + 1**" Key.

⇨ If you want to clear, Press the "**CLR**" Key.

```
▔▔▔▔▔▔▔▔▔▔▔▔
📶 D☎    ▪️▬▬
LAST       51
CALL TIME
            0:05
[ ok |reset]
```
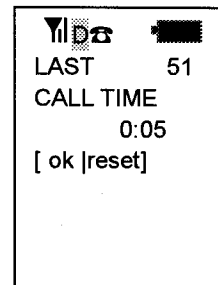
2) Home Calls

⇨ This feature shows the duration of home areas calls.

⇨ Press the "**MENU + 5 + 2**" Key.

⇨ If you want to clear, Press the "**CLR**" Key.

```
▔▔▔▔▔▔▔▔▔▔▔▔
📶 D☎    ▬▬▬
HOME CALL 52
    35 calls
      12:52
[ ok |reset]
```
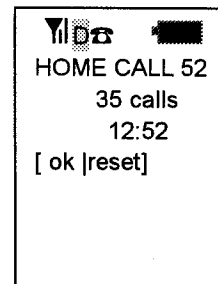
3) Roam Calls

⇨ This feature shows the duration of roaming calls.

⇨ Press the "**MENU + 5 + 3**" Key.

⇨ If you want to clear, Press the "**CLR**" Key.

```
▔▔▔▔▔▔▔▔▔▔▔▔
📶 D☎    ▬▬▬
ROAM CALL 53
    1 calls
      1:12
[ ok |reset]
```
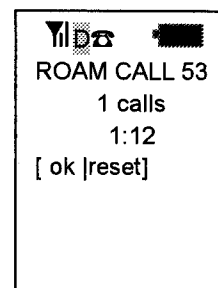
4) All Calls

⇨ This feature shows the duration of all calls.

(This is merged into two sections, the duration of incoming calls and the duration of outgoing calls.)

⇨ Press the "**MENU + 5 + 4**" Key.

⇨ If you want to clear, Press the "**CLR**" Key.

```
[Yıl 🖳☎    ▪️■]
ALL CALLS 54
     37 calls
       14:04
[ ok ]
```

6. Security

___ This feature allows you to restrict calls, lock your phone, change your security code and prevent stored numbers and information from being changed and deleted.

___ Unlike other features, your phone will prompt you for your security code to program these security features.

```
[Yıl 🖳☎    ▪️■]
Enter        6
Lock Code
             ____
             [quit]
```

1) Lock Mode

⇨ When this feature is activated, your phone will be locked every time you switch on your phone.

⇨ Press the "**MENU + 6 + 1**" Key.

⇨ Press the '▲ *' or '# ▼' Key to choose **on power** or **now** or **never**, then press the "**SK1**" Key to store it.

```
[Yıl 🖳☎    ▪️■]
SET LOCK   61

             never
[ ok ] [next]
```
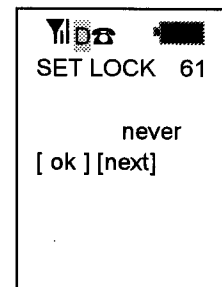
2) Restrict

⇨ This feature allows you to restrict outgoing calls to and from your phone.

⇨ Press the "**MENU + 6 + 2**" Key.

⇨ Press the '▲ *' or '# ▼' Key to select the desired setting **(Yes or No)**, then press the "**SK1**" Key to store it.
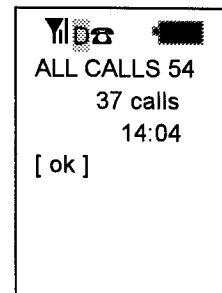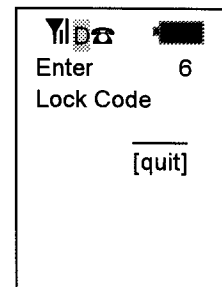
⇨ You can prevent stored numbers and information from being changed and deleted.

```
[Yıl 🖳☎    ▪️■]
RESTRICT   62
PHONE
             no
[ ok ] [next]
```
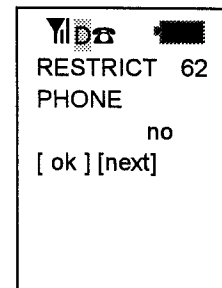
3) New Code

⇨ You can change your lock code (a security code) with this feature.

```
[Yıl 🖳☎    ▪️■]
ENTER      63
NEW CODE

             ____
[ ok ] [quit]
```
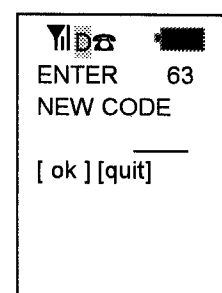
⇨ Press the "**MENU + 6 + 3**" Key.

⇨ Enter new lock code you want to store, then press the "**SK1**" Key to store it.

4) Emergency#

⇨ This feature allows you to change an emergency number. When you enter an emergency number, you can make emergency calls, with a single push of "i" Key

⇨ Press the "**MENU + 6 + 4**" Key.

⇨ When you enter your security code, your phone will ask you to enter a new emergency number.

⇨ Enter a new emergency number, then press the "**SK1**" Key.

⇨ Enter the associated name, then press the "**SK1**" Key.

⇨ You can, in standby state, enter a new emergency number, then press the "i" Key.

⇨ Enter the associated name, then press the "**SK1**" Key

```
Y|| ⌂☎    ▬▬
EMERGNCY:64

  <empty>
[edit] [next]
```

```
Y|| ⌂☎    ▬▬


011-549-9641
[ ok ]
```

5) ClearCalls

⇨ You can reset your phone back to the initial setting.

⇨ Press the "**MENU + 6 + 5**" Key.

⇨ Your phone will be initialized but the phone numbers you stored will remain.
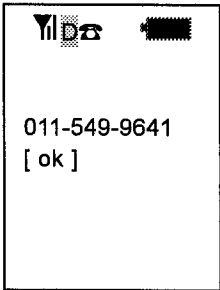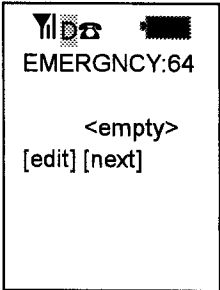
⇨ Press the '▲ *' or '# ▼' Key to select the desired setting (**Yes or No**), then press the "**SK1**" Key to store it.

⇨ (After you activate this feature, your phone will be switched off.)

```
Y|| ⌂☎    ▬▬
CLEAR      65
CALLS LIST ?
          Yes
[ ok ] [quit]
```
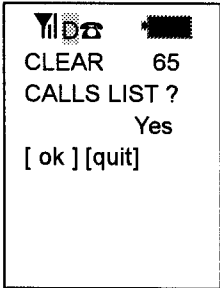
7. Features

__ This feature allows you to customize your phone's calling settigs such as automatic answering, automatic redialing.

```
Y|| ⌂☎    ▬▬
FEATURES  7
1:AutoAnswer
2:AutoRetry
3:Scratchpad
```

1) Auto Answer

```
Y|| ⌂☎    ▬▬
AUTO       71
ANSWER after
    5 rings
[ ok ] [next]
```
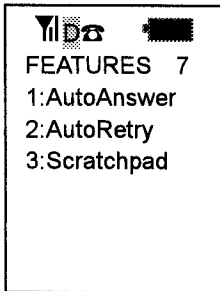
⇨ You can set your phone to answer calls automatically.

⇨ Press the "**MENU + 7 + 1**" Key.

⇨ Press the '*' or '#' Key to select the desired setting (**Off, 1 ring, 3 rings, 5 rings**), then press the "**SK1**" Key to store it.

2) AutoRetry

⇨ When your call does not go through because of a weak signal, your phone can redial the number you are trying to call.

⇨ Press the "**MENU + 7 + 2**" Key.

⇨ Press the ' ▲ *' or '# ▼ ' Key to select the desired setting (**Off, 10sec, 30 sec and 60sec**), then press the "**SK1**" Key to store it.

```
▊▎🄳☎    ▄▄
AUTO      72
RETRY every
   30 seconds
[ ok ] [next]
```

3) Scratchpad

⇨ This feature allows you to store numbers or letters by various means while in a conversation.

⇨ Press the "**MENU + 7 + 3**" Key.

⇨ This features can only be used during a call.

```
▊▎🄳☎    ▄▄
Features can
only be used
during a
call
```

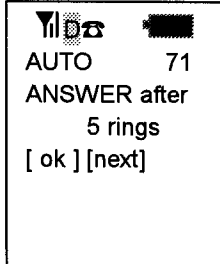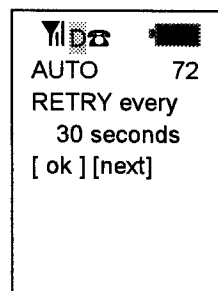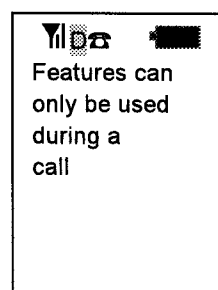## 4) Mute

⇨ You can mute your phone's microphone while in a conversation.

⇨ Press the "**MENU + 7 + 4**" Key, then the word "**Mute**" will flicker on the display.

⇨ Press the "**MENU + 7 + 4**" Key again to deactivate this feature.

⇨ This features can only be used during a call.

```
▊▎🄳☎    ▄▄
Features can
only be used
during a
call
```
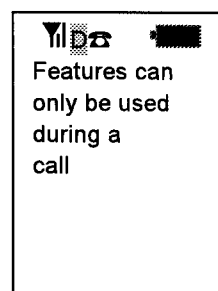
5) BeepLength

⇨ You can adjust the length of beep.

⇨ Press the "**MENU + 7 + 5**" Key.

⇨ Use the ' ▲ *' or '# ▼ ' Key to adjust the length of beep, then press the "**SK1**" Key to store it.

```
▊▎🄳☎    ▄▄
BEEP      75
LENGTH
       normal
[ ok ] [next]
```
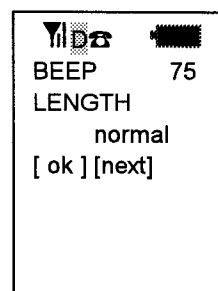
6) One-Touch

⇨ If you plan on using Speed dialing, you will need to store your most
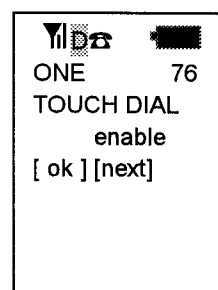
```
▊▎🄳☎    ▄▄
ONE       76
TOUCH DIAL
       enable
[ ok ] [next]
```

frequently-dialed numbers in memory locations 0 through 99.

⇨ For stored numbers in memory location 0 to 9, press the digit for more than 1 second, and for stored numbers in memory location 10 to 99, press the first digit briefly and then press the second digit for more than 1 second.

⇨ Press the "**MENU + 7 + 6**" Key.

⇨ Press the '**▲ *'** or **'#▼**' Key to select the desired setting (**Enable or Disable**), then press the "**SK1**" Key to store it.

7) Privacy

⇨ Press the "**MENU + 7 + 6**" Key.

⇨ Press the '**▲ *'** or **'#▼**' Key to select the desired setting (**standard or enhanced**), then press the "**SK1**" Key to store it.

⇨ Standard means privacy mode **OFF**

⇨ Enhanced means privacy mode **ON**

```
Yıl📶🔋  ▬▬
VOICE      77
PRIVACY
    standard
[ ok ] [next]
```

8) SIO Config

⇨

```
Yıl📶🔋  ▬▬
SIO CONFIG 8
1:Port Map
2:DS Baud
```

[1] Port Map

⇨ U1 -- HFK

```
Yıl📶🔋  ▬▬
PORT MAP   81
DAT DIAG OPT
 U1   U2  ---
[ ok ] [next]
```
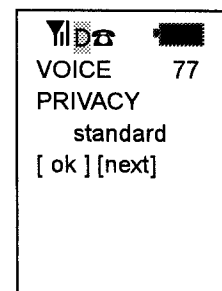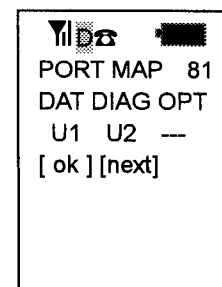
[2] DS Baud

⇨ 9600, 19200, 38400, 57600, 115200, AUTOBAUD

```
Yıl📶🔋  ▬▬
DS BAUD    82
 DS BAUD
     AUTOBAUD
[ ok ] [next]
```
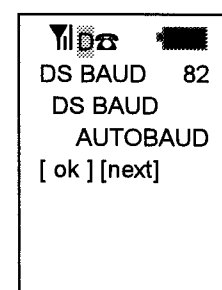
8. Tests

—

```
TESTS        8
1:SMS
2:BC SMS
3:Call Mngr
```

1) SMS

⇨

```
SMS TEST   1
1:Send Msg
2:Get Status
3:Clear Al
```

[1] Send Msg

⇨

1. CMT-95

2. CPT-95

3. AC_MAX-1

4. AC_MAX

5. AC_MAX+1

6. TC_MAX-1

7. TC_MAX

8. No b_reply

```
SMS SEND M1
1:CMT-95
2:CPT-95
3:AC_MAX - 1
```

[2] GetStatus

⇨

1. Status 1

2. Status 2

3. Status 3

4. Status 4

5. Status 5

6. Status 6

7. Status 7

8. Status 8

```
SMS GET ST2
1:Status    1
2:Status    2
3:Status    3
```

[3] Clear All

⇨

> Clearing
> statuses of
> all msgs...

[4] SMS All

⇨

1. Originate

2. Orig SO6

3. Org SO14

4. Auto-D ON

5. Auto-D OFF

> SMS CALLS 4
> 1:Originate
> 2:Orig SO6
> 3:Orig SO14

[5] Reset SeqN

⇨

> Resetting
> SMS TL
> sequence
> number...

2) BC SMS

⇨

> BC SMS
> Not Allowed!

[1] SrvcConfig

⇨

> BC SMS
> Not Allowed!

[2] Srvc Pref

⇨ Press the "**MENU + 8 + 2 + 2**" Key.

⇨ Press the '**▲ ***' or '**# ▼**' Key to select the desired setting (**Deactivate or Activate Table Only or Activate All Services**), then press the "**SK1**" Key to store it.

⇨

Deactivate
[ok] [next]

[3] Srvc Slct

⇨

[4] Srvc Info

⇨

1. Srvc IDs
2. Srvc Info

3) Call Mngr

⇨

[1] Register

⇨

1. PH INFO
2. Call INFO
3. SS INFO

[2] Activate

⇨

1. PH INFO
2. Call INFO
3. SS INFO

[3] DeRegister

⇨

1. PH INFO
2. Call INFO
3. SS INFO

[4] Get Info

⇨

1. PH INFO
2. Call INFO
3. SS INFO

4) NV

⇨

5) UI

⇨

[1] UI Rng on

⇨

[2] UI Rng off

⇨

6) Analog HFK

⇨

7) Other

⇨

8) RF

⇨

```
RF TEST
1:AMPS
2:CDMA
3:PCS
```
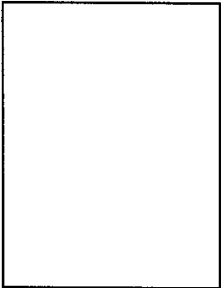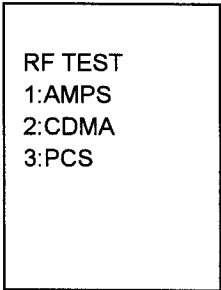
[1] AMPS

⇨   1:CHANNEL

      ENTER

      CHANNEL

        : set the AMPS channel

```
ANALOG
1:CHANNEL
2:AGC
3:CARRIER
4:SAT
5:ST
```
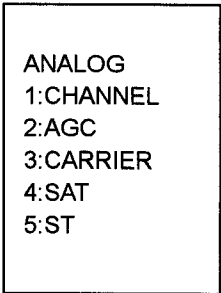
⇨ 2:AGC

    ENTER

    AGC

      : set AMPS Tx AGC value

⇨ 3:CARRIER

    CARRIER

    CHOICE

    1:ON

    2:OFF

      : set the carrier On and Off

⇨ 4:SAT

    0:OFF

    1:5970

    2:6000

    3:6030

      : set the SAT

⇨ 5:ST

    ST   OFF

    CHOICE

    1:ON

    2:OFF

      : set the ST

[2] CDMA

⇨ 1:CHANNEL

    ENTER

    CHANNEL

      : set the CDMA channel

⇨ 2:AGC

    ENTER

    AGC

    : set CDMA Tx AGC value

⇨ 3:PA R1

    PA R1

    CHOICE

```
CDMA
1:CHANNEL
2:AGC
3:PA R1
```

1:ON (Default)

2:OFF

  : set CDMA PA R1

[3] PCS

⇨ 1:CHANNEL

    ENTER

    CHANNEL

     : set the CDMA channel

⇨ 2:AGC

    ENTER

    AGC

     : set PCS Tx AGC value

⇨ 3:PA R1

    PA R1

    CHOICE

    1:ON (Default)

    2:OFF

     : set PCS PA R1

```
PCS
1:CHANNEL
2:AGC
3:PA R1
```

1. Memory Search

—   This feature allows you to store or search for phone numbers in memory.

```
for all
phone book
entries
[NAME|CALLS]
```

1) Name

⇨   This feature allows you to search stored phone numbers using name or its first few letters.

⇨   Press the "**BOOK + SK1**" Key.

⇨   Enter name or its first few letters, then press the "**SK2**" Key. The stored number you want to search will appear on the display or if you enter its first few letters, your phone may find more than one entry that begins with the same letter.

⇨   Use the ' ▲ *' or '# ▼ ' Key to move up and down the list until the desired name appears.

⇨   If you want to erase a stored number and the person's name, choose memory location digits, then press the "**SK2**" Key.

```
SEARCH FOR

HANWHA
[FIND]
```

```
Memory     12
HANWHA
   011-123-4567
[edit|erase]
```

2) Stored Number

⇨   This feature allows you to recall stored numbers by entering the memory location digits.

⇨   Press the any number keys.

⇨   Enter the memory location digits or use the ' ▲ *' or '# ▼ ' Key to choose memory location digits, then press the "SK1" Key.

```
LOOK UP
 Location ??

- for 10-19
```

2. Memory Store

—   This feature allows you to store and edit for phone numbers in memory and to manage call and run time.

```
011-123-4567
[save] [find]
```

1) Number Store

⇨ This feature allows you to store your most frequently dialed numbers and the names.

⇨ Press the any number key.

⇨ Enter the phone number, then press the "**SK1**" Key.

⇨ Assign memory location digits, using the keypad or Use the '▲ *' or '#▼' Key to choose memory location digits then press the "**SK1**" Key.

⇨ Enter the name, then press the "**SK1**" Key.

```
HANWHA|

011-123-4567
[ ok ][x->x]
```

```
HANWHA
 Location ??
       auto= 05
[ ok ] [next]
```

```
Make Secret?

           No
[ ok ] [next]
```

2) Memory Edit

⇨ This feature allows you to edit your stored numbers and the names.

⇨ Press the "**BOOK**" Key.

⇨ Enter the phone number, then press the "**SK1**" Key.

⇨ Assign memory location digits, using the keypad or Use the '▲ *' or '#▼' Key to choose memory location digits then press the "**SK1**" Key.

⇨ Enter the name, then press the "**SK1**" Key.

```
HANWHA
  011-123-4567

[ ok ] [x->x]
```

```
HANWHA
 Location ??
original= 02
[ ok ] [next]
```

3) Memory Clear

⇨ If you want to erase a stored number and the person's name, choose memory location digit, then press the **"CLR"** Key.

Memory 02
HANWHA
   011-123-4567
[edit|erase]

English Menu

Main Menu
1:Volume
2:Display
3:System
4:Alerts
5:Call Info.
6:Security
7:Features
8:Tests

Menu + 1	Menu + 2
1:Ringer	1:Backlight
2:Key Keep	2:Banner
3:Earpiece	3:Showtime
4:Message	4:AutoHyphen
	5:Version

Menu + 3	Menu + 4
1:Select	1:Fade
2:Force Mode	2:Minute
3:Data/Fax	3:Service
	4:RoamRinger

Menu + 5	Menu + 6
1:Last Call	1:Lock Mode
2:Home Calls	2:Restrict
3:Roam Calls	3:New Code
4:All Calls	4:Emergency#
	5:ClearCalls

Menu + 7	Menu + 8
1:AutoAnswer	1:SMS
2:AutoRetry	2:BC SMS
3:Scratchpad	3:Call Mngr
4:Mute	4:NV
5:BeepLength	5:UI
6:One-Touch	6:Analog HFK
7:Privacy	7:Other
8:SIO Config	8:RF

Accessories

For availability of the accessories, please check with your local dealer.

- Travel charger

  Simply plug the charger into a wall outlet and connect the connector to the bottom of your phone

- Desktop-charger

  Simply plug the charger plug into a wall outlet and place your phone and/or a spare battery in the stand to begin battery charging

- Headset Kit

  This accessory is compact and functional. It will provides you with a convenient handsfree facility that you can use anywhere(jogging, hiking, car etc)

- Cigarette Lighter Charger

  Simply plug the charger plug into a cigarette outlet and connect the connector to the bottom of your phone.

- Mobile Holder

  You can easily place the phone into the holder with one hand. Place it into the holder top first, then push the bottom in until you hear a click

  Pressing the release buttons on left & right side of the holder loosens the top lock. Then you can now pick up the phone from the holder and take it with you.

  The mobile holder is easily to install using Air-Vent kit.

Technical Information

Type: Tri-mode AMPS / CDMA Cellular / PCS Phone

Cellular Frequency range: Transmit = 824.04 ~ 848.97MHz

Receive = 869.04 ~ 893.97MHz

PCS Frequency range   : Transmit = 1851.25 ~ 1918.75MHz

Receive = 1931.25 ~ 1988.75MHz

Dimensions : 81.5 * 40.8 * 25.5mm (with standard battery)

Weight : 105g(Including Standard Battery)

115g(Including Extended Battery)

65g(with no Battery)

Operational Temperature: -20 degree Celsius to 60 degree Celsius

Reference Information:

Traffic safety

☞*Please, do not use a hand-held phone while driving a vehile.*

Operate environment

☞*Switch off your cellular phone when in an aircraft.*

☞*Only qualified personnel should install or service the phone in a vehicle*

☞*Faulty installation or service may be dangerous and may invalidate any warranty which may apply to the unit*

Care and Maintenance:
   ☞all parts and accessories out of small children's reach
   ☞Always, keep the phone dry
   ☞Do not store the phone in hot/cold areas.
   ☞Do not attempt to open the phone.
   ☞Do not drop, knock or shake the phone.
   ☞Do not use harsh chemicals or strong detergent to clean the phone.
   ☞If the phone or any of its accessories are not working properly, take them to your nearest qualified service facility.

Troubleshooting:
   ☞If the power does not come on or stay on
7   -Please check the battery is properly installed and charged.
       -Make sure that the contacts on the battery and the charging stand are clean
       -Check the display for the low battery warning
   ☞If the power comes on, but the phone does not work
       -Make sure check the service indicator, you might be out of the cellular service area.