WPE 2200

USER'S MANUAL

WITHUS I & T

FCC RF EXPOSURE INFORMATION

Read this information before using your phone

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 has been tested for body-worn operation and meets FCC RF exposure guidelines when used with an accessory that contains no metal components, and positions the handset at a minimum of 1.5cm from the body. Use of other body-worn accessories may not ensure compliance with FCC RF exposure guidelines and should be avoided.

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

Menu Tree

Main Menu	Menu Level 1	Menu Level 2	Remarks
1. Phone Book	1. Find Entry	1. Name	200 Memory
		2. Location	7 Segmented (Name, Location, Home, Office, Fax, E-mail, Group)
		3. Number	
		4. Group	
	2. Add Entry		
	3. Call Log		
	4. Call Timer	1. Last Call	
		2. Outgoing	
		3. Total	
	5. Edit Group	1. New Group	
		2. Chang Group	
		3. Erase Group	
		4. Group Ring	
	6. My Phone #		
2. PIM	1. View Schedule		80 Memory
	2. Add Schedule		
	3. Alarm Clock		One time/ Daily/ Off
	4. World Time	View Time	50 Cities
		Set Up	
3. Ring	1. Ring Type		Ring/Vibrate/Vib.+Ring/ Lamp
	2. Ring Volume		4 Levels
	3. Ring Tone		20 different melody
4. Sounds	1. Call Volume		4 Levels
	2. Key Pad Tones		5 Levels
	3. 1 Minute Beep		On/ Off
	No Service		On/ Off
5. Display	1. Backlight		Off/10 sec./ Auto/ On
	2. Standby	1. Banner Mode	
		2. Picture Mode	3 Pictures
	3. Banner	1. Banner Edit	
		2. Mode Setup	Fixed/ Slide Mode
	4. Language		Eng/Spanish
	5. Version		
	6. Contrast		8 Levels

6. Setup	1. Auto Redial		Off/ 10/ 20/ 30
	2. Auto Answer		Off/ 5/ 10/ 20
	3. Auto Hyphen		On/ Off
	4. Area Code Rules		On/ Off
	5. My Menu	1. Set My Menu	
		2. Reset My Menu	
7. Security	1. Lock		Never/ On Power Up / Now
	2. Lock Code		
	3. Restrict	1. Phone Book	
		2. Incoming	
		3. Outgoing	
	4. Clear Memory	1. Call Logs	
		2. Phone Book	
		3. PIM	
	5. Emergency #		3 Numbers
	6. Mode Select	1. Cell Only	
		2. PCS Only	
		3. Automatic	
	7. Reset Phone		On/ Off
8. Data Service	1. SIO Mode		Packet/ Modem, Fax
	2. Incoming Mode		Off/ Fax Always
	3. Flow Control		H/W/ S/W Flow

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1. Basic Phone Setup

1.1 Keypad Configuration Diagram

- Keypad is composed of 0 ~ 9 key, *(Star), #(Pound), Send, CLR(Clear), End, Menu, Conform key, Internet Hot key (also for SMS), Up, Down , Left, Right key.
- ☐: Press shortly for SMS, press and hold for one-touch Internet Key.
  Upon character editing, this is used to enter special character.
- ◀ ▶ ▲ ▼ : When scrolling the function up , down, Left and Right in order.

- Send : When making a call.
- End : power on/off, call ending, back to IDLE from menu and each function.
- CLR : upon deletion of displayed character or number, upon return to the upper menu from menu and each function.
- Menu : When displaying menu and moving to the next menu.
- Confirm : Upon selection of displayed menu, and upon store and confirmation of each function.
- * : If pressed long, manner mode is set and released.
- # : If pressed long, lock function is set and released.

* Upon Incoming Call, press any key to receive a call.
* Upon end of call, press only 'End' key to end a call.

1.2 Role of each key

Corresponding Key	State	Active
SMS	IDLE	Short pressing leads to SMS function.
		Upon Korean Editing, special character selection function.
Menu (PF1_K)	IDLE	Main Menu Display.
	CALL	Busy Menu Selection.
	MENU	Move to Next menu. (also press ◀ ▶ ▲ ▼) Operation according to Soft key.
Confirm (PF2_K)	IDLE	Nonevent
	CALL	Memo function while busy.
	MENU	Used to choose corresponding menu and select and set each function. Operation according to Soft key.
Send	IDLE	If pressing 'Send' key after entering phone number, a call is made. If no phone number, a call is made to the last dialed number in last call list. (if no list, Nonevent)

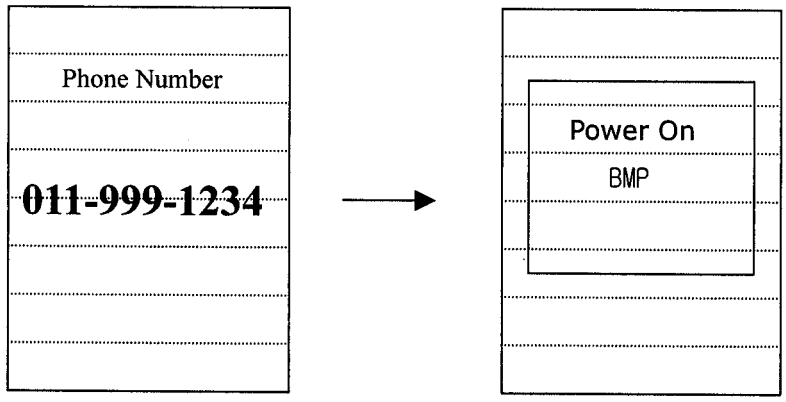
	CALL	If pressing 'Send' key after entering phone number, a call is made. (3-way calling)
End	IDLE	Press and hold the button for PWR On. Press and hold the button in standby screen for PWR Off.
	CALL	Used to end a call.
	MENU	Unconditional return to the initial screen.
CLR	IDLE	If pressing 'CLR' upon number input, number is deleted one by one. Pres and hold the button to delete inputted numbers all at one time and return to the initial screen.
	CALL	Busy muting function.
	MENU	Cancels corresponding menu and function and returns to the higher menu.
* (Star_K)	IDLE	Upon Editing, input '*'. Press and hold the button to set and release manner mode.
	MENU	Move backward from corresponding menu. (from #2 to #1...) Upon Korean Editing, cursor moves backward.
# (Pound_K)	IDLE	Upon Editing, input '#'. Press and hold to set and release Lock function.
	MENU	Move forward from corresponding menu. (from #2 to # 3...) Upon Korean Editing, cursor moves forward.
HS_0 ~ HS_9	IDLE	Upon Editing, input corresponding number.
	MENU	If corresponding function resides in number key, activate it with selection key. (if no corresponding function, Nonevent) Upon Korean Editing, input corresponding character.
◀ ▶ ▲ ▼	IDLE	Activates it with key tone volume adjustment.
	CALL	Activates it with call volume adjustment.
	MENU	Up/down from the menu.
Each number key	1	English :
	2	English : ABC
	3	English : DEF
	4	English : GHI
	5	English : JKL
	6	English : MNO
	7	English : PQRS
	8	English : TUV
	9	English : WXYZ
	0	English :

1.3 Display

- LCD uses 128 * 128, and supports 8 * 16 line.
- All short messages are arranged to the right, and the number is arranged to the left.
- Supports Soft key method.

1.4 Power On

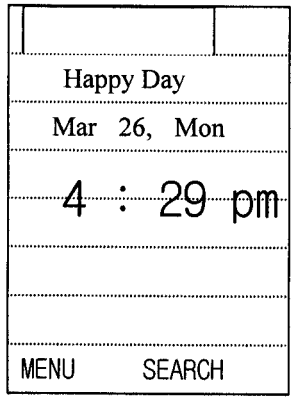
- Press and hold 'End' to power on.
- After handset number is displayed first, Power On BMP is displayed.



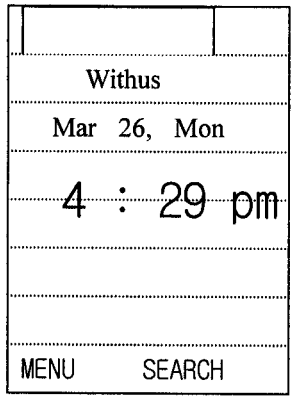
1.5 IDLE Mode

- The first line of LCD is for picture icons defined in '1.6'.
- IDLE Mode LCD can be selected '2. Standby display' of Menu '6. Display'.

1. Banner & time

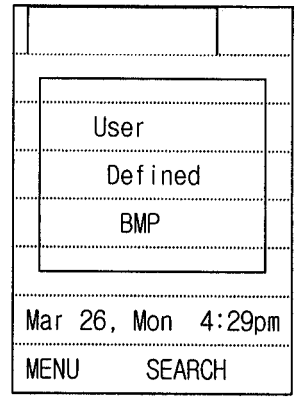


* initial word (banner) defined



* No first / initial word

2. BMP mode



* For BMP mode, initial word is not displayed.

1.6 Definition of Figure Icon

- Displays signal strength of the coverage area.
- Displays call impossible area.
- Receipt tone bell was set to vibration function.
- Displayed after alarm setting.
- Displays message receipt.
- Displays service area.
- Displays the remaining amount of the battery.

2. Basic Function

2.1 Processing in IDLE state

2.1.1 'Menu' and 'Ack' processing in IDLE state

2.1.2 'Retrieve' and 'Save' key processing upon number editing in IDLE state

2.2 Receiving a call

- If a call is received, it indicates a call by bell/ vibration/ bell after vibration/ non-sound set by users.
- If a call is received, press any key to connect the call regardless of lock.
- If a call is ended, press 'End' key.
  (Talk time flashes and returns to the initial screen.)
  * Upon 'auto receipt function' setting, after the set time expires, it directly goes into busy state.
  * If the service provider offers Caller ID service and Multi number service, phone number is displayed in the screen.

2.3 Making a call

2.3.1 General case

- Press area code and phone number, and then press 'Send' key.
  (When you press wrong phone number, press 'CLR' key to correct that. If you press 'CLR' key shortly, it is deleted one by one and if you press that long, all are deleted.)
- If the other party is connected, a talk begins.
- Upon end of call, press 'End' key.
  * When also making a call to the same area, you must press area code.
  * Set frequently used area code in your mobile phone to make a call without pressing an area code. (See '4. auto area code' function of Menu '5. screen environment setting')
  * If auto area code was not set, you can talk with the other party without pressing provider ID when making a call with a mobile phone that subscribed to the same provider.

2.3.2 Making a call with redial

- Numbers recently dialed enables convenient calling next time.

2.3.2.1 Last number redial

- If you want to make a call again with the last dialed number, just press 'Send' key.
- Make a call with the last dialed number.

2.3.2.2 Recent called number redial

- See '3. called number view' of Menu '1. Phone Book'.
- Recently called numbers are displayed up to 10 numbers and a call is remade.

2.3.3 Making a call with abbreviated dial

- Press only memorized address with phone number stored to dial quickly.

2.3.3.1 One-touch dialing

- For numbers stored in the memory address (01 ~ 09), press and hold only the back digit.
  (e.g., 04 → only press and hold [4].)

2.3.3.2 Two-touch dialing

- For numbers stored in the memory address (10 ~ 99), press shortly the front digit, and press and hold the back digit.
  (e.g., if stored in address 14, press shortly [1], and press and hold [4].)

2.3.3.3 Three-touch dialing

- If stored in the memory address (100 ~ 200), press shortly the first two-digit, and press and hold the rear digit.
  (e.g., if stored in address 114, press shortly [1] [1], and press and hold [4].)

2.4 Menu while in busy state

- Convenient function that can be used while in busy state.

2.4.1 Own number send

- Sends own number while in busy state.

(e.g., used in cases where after call attempt, it passes into VMS, and it leaves own number to contact)

2.4.2 Memo function

- This is to memorize phone number, account number, etc. from the other party.
  (Memo contents in busy state are stored in the calling list.)
- Max. 32 characters can be entered.

2.4.3 Call volume

- Adjusts call volume in busy state.
- After volume adjustment, the set volume applies without pressing 'Ack' key.
  * Up key : Increases call volume.
  * Down key : Decreases call volume.

2.4.4 Dial tone blocking

- This is to make own voice blocked.
  * If talk is ended, it is automatically released.

2.5 Absentee call

- If users could not receive a call while away from the office, it displays the time and count of calls
  (The last call time is displayed.)
- Press the button and check that. Then, it disappears.
- If there is Caller ID of the non-received calls, they are stored in the received list.

2.6 Auto redialing function

- If a call is not connected due to BTS reason, it attempts auto redial, and upon product purchase, auto redial is set to 'No Select'.
- At this time, redial tone is generated, and upon connection failure, call failure tone is generated together.
- If you want to cancel while attempting, press 'End'.
- User can change access attempt time.
  (See '1. Auto Retry' of Menu '7. Setup')

2.7 Touch tone dialing

- When connected to ARS, and multiple number input is required according to ARS, this function enables subscribers to automatically receive final services after setting even the succeeding number.
- If you enter a telephone number to send, and then press shortly SMS-exclusive key of the side keys, the next menu is displayed.

- Manual waiting (phase) : If you press 'number send' key after ARS, the succeeding number is dialed.
- Time waiting : After previous dialing is ended, the succeeding number is dialed automatically in 2 seconds.

2.8 Speed key function

2.8.1 Manner mode setting

- This function enables termination vibration, key tone silence mode with one touch and is useful to public places such as a lecture room, etc.
- If you press '*' (Star key) for a certain time, manner mode is set.
- To release the manner mode, press again '*' key for a certain time.

2.8.2 Lock function

- Lock function is to restrict the use of phones.
- This function can be set with one touch or be set through '1. Lock' of Menu '8. Security'.
- If you press '#' (Pound key) for a certain time, lock function is set.
- When lock function is set, it can be released through the password.

* Upon lock function setting with speed key, the lock function is not changed even if you power off and on mobile phone.

2.9 Use restriction

3. Menu configuration

3.1 Phone Book
3.2 PIM
3.3 Ring
3.4 Sounds
3.5 Display
3.6 Setup
3.7 Security
3.8 Data Service

4. Phone Book

- Displays the function of saving and retrieving phone book.
- In addition, it displays calling information in connection with phone number.
- The following describes the items used in phone book.

Item	Contents	Remarks
Name	Name	
Location	Saved address	Addresses 1 ~ 200. (phone number up to 200 can be saved)
Group name	Group designation	family, friend, job, others + user defined 3 addition enabled.
Home number	Home phone number	
Office number	Office phone number	
Mobile number	Mobile phone number	
Extra number	Extra phone number	More than one phone number of home, office, mobile phone numbers can be input, save fax, pager numbers and input international phone number.
E-mail	E-mail	

4.1 Find Entry

4.2 Add Entry

- Saves phone numbers.

4.3 Call Log

- Displays the last called numbers in order up to 20 numbers.
- In addition, it can be deleted individually.
- Outgoing function is the same, but this can display the contents of received phone numbers, and also delete them individually.

4.4 Call Timer

- Displays last talk time, origination talk time, total talk time.

4.4.1 Last Call

- Displays last talk time. If ZERO is selected, it changes the time to '0'.

4.4.2 Outgoing Call

- Same as Lsat Call.

4.4.3 Total Call

- This is the same as Last Call, but does not provide ZERO function.

4.5 Edit Group

- This can add, modify and delete the name of groups that can be saved upon phone number registration.

4.3.1 New group add

- Can add 3 additional groups in addition to the existing 'family, friend, office, others'.
- If all 7 items are designated, "No more add" is displayed, and change in '2. group name change' is possible.

4.3.2 Group name change

- Can change existing group name into another name.

- Resaved in the changed group in the phone book.

4.3.3 Group name delete

- Can delete existing group name.

- 'Group name delete' is to erase only the name of the designated group and other contents are not deleted and they remain in 'group[not designated]' state.

4.6. My Phone

- Check own mobile phone number.

5. PIM

5.1 View Schedule

- If selecting scheduler, calendar is displayed.
- Upon selection of date, schedule corresponding to the date is displayed.
- If no corresponding schedule, it changes to schedule add LCD.
- You can set alarms, make them generated at the time you want and select alarm tone.

5.2 Add Schedule

- Retrieves the schedule already input.

* The contents of schedule, anniversary can be input up to 48 characters in English.

5.3 Alarm Clock

- This is to set time so that alarm is generated one time per day or daily.

5.4. World Time

- This can check the time of foreign countries.
- Displays the time of major 50 countries.

6. RING

6.1 Ring Type

6.2 Ring Volume

6.3 Ring Tone

7. SOUNDS

7.1 Call Volume

- Adjusts the volume of the other party's call volume.
- Divided into 4 steps.

7.2 Key tone volume

- Adjusts tone volume when you press button.
- Divided into 5 steps.
- Same as 'Call Volume' adjustment method.

7.3 1 minute Beep

- Passing tone that goes off ever 1 minute after call start.
- Same as that of 'connect tone'.

7.4 No Service

- If service area is changed, it goes off.
- Same as that of 'connect tone'.

8. Display

- Sets basic environment to change standby screen state to the state that user wants.

8.1 Backlight

- This enables user to use mobile phone in the dark.
  * All-time off : always off.
  * 10 sec. : off in 10 sec.
  * Auto : Off in daytime and On at night. (5 pm ~ 8 am next day)
  * Always : Always On. (however, battery consumption gets larger.)

8.2 Standby

- Can set the initial state or standby screen of phones.
  * Can configure only with banner & time, and configure LCD with a picture.
- To enter own name or desired phrase in mobile phone.
- Displayed in standby LCD.
- English, Number can be entered up to 16 digits.

8.3 Banner

8.4 Language

- Can flexibly select languages.
- Sets mother language to **main**.
- If Spanish is main, - Spanish – Eng
  - If you select each language in the above format as to 6 languages, all things in the DISPLAY change to the language of the MAIN and upon EDITING, it can display main and other language.

8.5 S/W Version

9. Setup

9.1 Auto Redial

9.2 Auto Answer

9.3 Auto Hyphen

- This is to locate hyphen (-) between the front digit and the rear digit.

9.4 Area Code Rules

9.5 My Menu

10 Security

- This to prevent others from using mobile phone without permission.
- To execute this function, you should always go through password confirm process.
- Upon product purchase, the password is set to '0000'.

10.1 Lock

- This is to restrict use of phone.
- Upon lock function setting, the state is not changed unless you release the function.

10.2. Lock Code

- This is used to change the password.
- Upon purchase, the password is set to '0000'.
- If you forget the password, contact the service center.

  * The password contains 4 digits.

10.3. Restrict

- This to prevent phone from being used for other purposes.
- Through 'phone book restriction', you can restrict the use of phone book.
- Through 'receipt restriction', you can restrict call receiving.
- Through 'calling restriction', you can restrict call making.

10.3. Clear Memory

10.3.1 Call Logs

10.3.2 Call Logs

- This is to delete all the contents saved in memory address 001 ~ 200.
- Be careful not to erase the number that should not be deleted.
- For the function of deleting single address, you can delete the desired number through '2.Phonebook fining' of Menu '1. Phone book'.

10.3.3 PIM

11. Data Service

11.1 SIO Mode

11.2 Incoming Mode

11.3 Flow Control

12. SMS Function

- Can exchange short messages, and receive various info.
- Can page mobile phone.
- SMS menu uses "□" key of side key s.

12. 1 SMS Inbox

- Can confirm and delete the message received in own phone.

12.1.1 Text

- Can confirm received short messages.
- Can save up to 50 short messages.
- Unread messages are ☑, and read messages are □.

12.1.2 Voice Message

- Conforms received VMS.
- The contents can not be known, and received date and time are only displayed.

12.1.3 Delete All

- Erases all of short/voice messages stored in a mobile phone.

12.2 SMS Outbox

- You can mail a composed message or sent message to the other on the mobile phone.
- You can also page to a person without message.

12.2.1 Phone Paging

- You can also page to a person without message.

12.2.2 Compose Msg

- You can mail a composed message or sent message to the other on the mobile phone.

12.2.2.1 New Msg

- Can directly compose messages.

12.2.2.2 Sent Msg

- By fetching previously composed messages, you can compose and send messages.

12.2.2.4. Delete Msg

12.3 SMS Setup

- Upon message receipt, you can select the method of indication.
- This displays received message contents in LCD, or only displays the arrival of messages.

12.3.1 New Msg Alert

- Upon receipt of a message, you can select the method of indication.
- Includes 'vibration + lamp', 'one-time indication', 'indication every 2 minutes'.

12.3.2 Display Text

- Upon receipt of a message, it only displays simple arrival contents, or displays entire contents of the message.