

1. Warning	08	8. Phone Books	36
2. Components	09	8-1. Search Name	36
3. Your Phone	10	8-2. Search Number	36
3-1. Phone Layout	10	8-3. Search Address	37
3-2. How to Use the Function Keys	10	8-4. Add New Entry	37
3-3. Icon Description	11	8-5. Memory Status	38
4. Before Using	12	8-6. Own Number	38
4-1. How to Insert and Remove Battery and UIM Card	12	9. Sound	39
4-2. How to Charge Battery	14	9-1. Volume	39
4-3. Battery Charging Time and Talk Time	15	9-2. Ringer Options	40
4-4. How to Use the Battery Effectively	16	9-3. Ring Type	40
5. Getting Started	17	9-4. Alerts	40
5-1. Power On	17	9-5. Key Beep Length	40
5-2. Power Off	18	10. Call history	41
6. General Operations	19	10-1. Call List	41
6-1. Making a Call	19	10-2. Call Timers	42
6-2. Receiving a Call	19	10-3. Clear CallLogs	43
6-3. Adjust Volume	20	11. Organizer	44
6-4. Etiquette Mode	20	11-1. Calendar	44
6-5. How to use Earphone(Optional)	21	11-2. View Calendar	45
7. Message	22	11-2. To-Do	47
7-1. Read	22	11-3. Wake up Alarm	48
7-2. Write	24	11-4. Calculator	49
7-3. Templates	25	11-5. World Time	50
7-4. Clear Msg	26	12. Phone Setting	51
7-5. How to input the Text	26	12-1. Display	51
		12-2. Answer Mode	52
		12-3. Auto Answer	53

12-4. One-Touch	53	18. Solving Problems	50
12-5. Set channel	53	19. Emergency Calls	65
13. Voice Service	54	20. Terminology	67
13-1. Voice Dial	54	21. Menu Map	71
13-2. Voice Memo	56		
13-3. Call Answer	57		
14. Security	59		
14-1. UIM Lock	59		
14-2. Phone Lock	61		
14-3. Call Restrict	62		
14-4. Erase Phone Book	63		
14-5. Reset	63		
15. Accessory	50		
15-1. Stopwatch	50		
15-2. Game	50		
16. In-call Functions	50		
16-1. Adjust voice volume	50		
16-2. Store	50		
16-3. Phone Book	50		
16-4. Mute	50		
16-5. Own Number	50		
16-6. Send my Number	50		
17. UIM Tool Kit	50		

1. Warning

- Switch off your mobile phone when in an aircraft. Using mobile phones in an aircraft may interrupt the radio frequency.
- Do not use your mobile phone when driving.
- Refrain from using your mobile phone in hospitals.
- Do not use your mobile phone near explosive or inflammable objects.
- Do not clean your mobile phone with solvents or chemicals.
- Avoid unusual vibrations or shocks, and store in a safe place when not in use.
- Do not hold or make contact with the antenna during a call.
- The use or storage of your mobile phone in extremely hot or cold temperatures will lower the quality of the mobile phone and may shorten the service life of the battery.
- Avoid using your mobile phone in hot or humid environment. If your mobile phone gets wet, for instance by rain, it may be difficult or impossible to repair.
- Trying to dismantle your mobile phone may result in your disqualification from receiving our free repair services.
- Fully charge the battery for the initial use or when the mobile phone has not been in use for a long time.

2. Components

CCE-510X

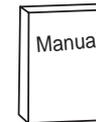
- Thank you for using our product. Check if any parts in the package are missing from the figures below. Please call us immediately or contact the sales person if you found any defectives or any components are missing.



· Phone Body
(Model No. CCE-510X)



· Li-ion Battaery



· User Manual



· Travel AC Charger

3-1 Phone Layout



3-2 How to Use the Function Keys

- Make a call or receive an incoming call. Displays caller ID.
- End a call, cancel the function, or Power On/Off
- Soft key pads to select the functions displayed on the LCD screen. No special features besides selecting the functions on the screen.
- Phone book menu. Also used to move the cursor on the menu.
- Displays incoming calls. Also used to move the cursor on the menu.
- Enter message menu. Also used to move the cursor on the menu.

- Used to move the cursor on the menu.
- Deletes or cancels an entry. Also used to move to the previous menu.
- Switch to Etiquette mode.
- Lock/Unlock
- Direct access to the Voice Memo menu from standby mode.
- Adjust Ring Volume when not in use. Adjust voice volume when in use.

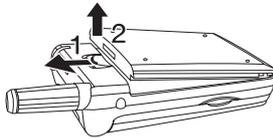
3-3 Icon Description

- Shows the intensity of the signal with the bars
- Vibration mode/ Silent Mode
- Etiquette mode
- The line is busy
- Calls cannot be made
- Alarm on
- Battery Status
- New message
- Lock/unlock
- Outside a registered area
- An unanswered recorded message
- Call restrict is set

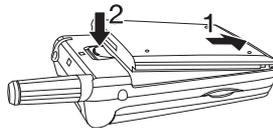
4-1 How to Remove and Insert Battery and UIM Card

How to insert and remove Battery

- To Remove : Push the separation key upward (1) and remove the battery with one hand, as shown in the picture.
- To Insert : 1. Fit the lower part of the battery in the bottom edge of the mobile phone.
2. Press the battery until you hear the "click" sound.



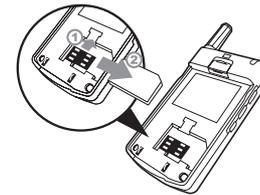
< How to Remove the Battery >



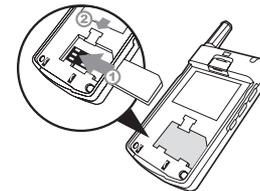
< How to Insert the Battery >

How to remove and insert UIM Card

- To Remove : Remove the battery and push the locking catch. Then remove the UIM Card on the UIM Card Slot.
- To Insert : Insert the UIM Card carefully into the UIM Card Slot. and pull the locking catch.



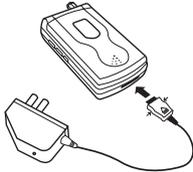
< How to Remove the UIM Card >



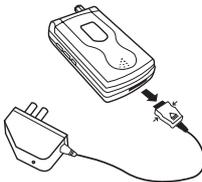
< How to Insert the UIM Card >

4-2 How to Charge the Battery

- Connect the adapter to the mobile phone as shown in the figure below.



- Connect the adapter to a standard AC wall outlet.
- When charging is complete, remove the adapter from the phone by pushing the keys.
(When charging is completed, the status lamp changes from red to green.)



4-3 Battery Charging Time and Talk Time

- Battery Charging Time
 - Standard Battery : about 1 hr 30 min
 - Extended Battery : about 2 hrs
- Battery Talk-Time and Standby Time

Status \ Type	Standard Type	Extended Type
Talk-Time	110 mins.	150 mins.
Standby Time	100 hrs.	180 hrs.

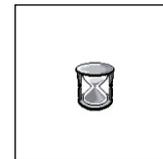
- The result above was based on the test in our laboratory.
- Use time may vary depending on the conditions, frequency, and charging method.

4-4 How to Use the Battery Effectively

- Use the designated charger only.
Never use other chargers as they may damage the battery.
- Do not place the battery close to heat or fire, and do not try to take it apart. It may cause explosion.
- Do not drop your mobile phone.
Dropping your phone may cause problems with the electric cells inside the battery pack and will eventually shorten the duration of the battery.
- The duration of battery shortens gradually.
It may be advisable to purchase a new battery if the use time has been reduced by half.
- Recharge mobile phone or battery at room temperature for the best result.
- Keep the battery at room temperature.
The duration of the battery shortens if left in extremely hot or cold temperature.

5-1 Power On

- Open the flip cover and press the Power Key  for 2 seconds.
- When the power is on, the following message will appear on the display.



- If there is no UIM card, the following message will appear as shown.

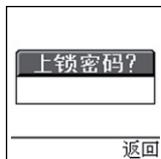


- If you are asked to enter a PIN(Personal Identification Number), enter the PIN and press the left soft key  [OK].

If you entered the incorrect PIN more than three times, you may not operate your mobile phone. (Please read the "Enter PUK" of Solving Problems on page 70.)



- If you are asked to enter the Lock Code in the phone, enter your Lock Code. If you entered the Lock Code correctly, the following screen would appear.



5-2 Power Off

- Press the END key  for 2 seconds.
- The following screen will appear as the power goes off.



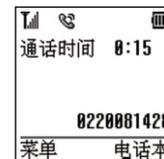
6-1 Making a Call

- Enter the phone number and press the SEND key .
- If you enter a wrong number, press the CLR key  to delete the number.
- Close the flip cover or press the END key  to end a call.



6-2 Receiving a Call

- Open the flip cover when the phone rings or vibrates.
(When the flip cover is already open, press the SEND key  to answer the call.)
- Close the flip cover or press the END key  to end a call.
(The call ends automatically if the caller has already hung up.)



6-3 Adjust the Volume

- If the voice is too loud or too quiet during a call, you can adjust the voice volume using the Side keys  

Note : Refer to Ringer and Sound Setting on page 39 for more details on volume adjustment.



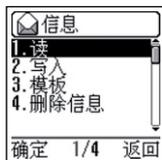
6-4 Etiquette Mode

- Quickly changes to vibration mode.
- Press the  key for 2 seconds.  icon will appear on the screen when the phone is changed to etiquette mode.
- Press the  key for 2 seconds again to undo the etiquette mode.

6-5 How to use Earphone (Option)

- To make a call with Earphone
 - Connect the Earphone to the mobile phone.
 - Open the flip cover, enter the phone number, and press SEND key .
(Call the previous number by pressing the button on the Earphone twice for 2 seconds.)
 - Press the button on the Earphone for 2 seconds to end a call. (Closing the flip cover does not end the call in this case.)
- To receive a call with Earphone
 - Connect the Earphone to the mobile phone and press the button for 2 seconds on the Earphone to receive a call.
 - Press the button on the Earphone for 2 seconds to end a call.

- Press the left Navigation Key Left arrow on the main menu to display the Message sub-menu.



7-1 Read

- You can check the received messages.
- Select Read using the Navigation key and press the left soft key .

Voice Mail : You can check the voice messages you have received.

- Select "Voice Mail" from the Sub-menu and press the left soft key .
- The number of new messages and mailbox number will appear on the screen.
- Select "Option" from the Sub-menu and press the left soft key .

- Listen : to check the voice message you have received.
- Reset : to delete the incoming voice message alert.



Text Message : You can check the received text messages. Select the message you wish to check and press the left soft key .

Press the left soft key  to edit or reply to the message you checked.

- Delete : Delete the checked message.
- Call : Call the person who sent the message. (Select the menu to move to the call screen)
- Reply : Send a reply to the received message. (Select the menu to move to the Write screen)
- Transfer : Forward the message. (Select the menu to move to Send Message screen)
- Copy To Phone : Copy the message to the phone memory if the message is saved on UIM.
- Copy To UIM : Copy the message to the UIM if the message is saved on the phone memory.

Msg Alert : Set the incoming message alert mode.

- Bell : Bell rings when you receive a message.
- Vibrate : Vibrates when you receive a message.
- Lamp : LED of the antenna denotes the incoming message.

Reminder Albet : Remind that you have an incoming message which you didn't check the message yet.

- Once : Remind once.
- Every 2 Min : Remind every 2 minutes.
- No Alert : No reminder.

Select Storage : Set the storage capacity for the received messages.

- UIM First : Stores the message in the UIM first. Message is saved on the phone memory if the UIM storage is full.
- Phone First : Stores the message in the phone memory first. Message is saved on the UIM if the phone memory is full.

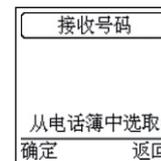
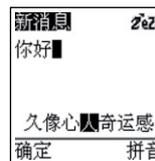
Direct View : View the received message directly.

If you select Yes for this menu, you can view the message directly when the message received (only when IDLE state)

7-2 Write

- Write a message or edit an existing message, and send it.
 - Select "Paging" from the menu to page without any text message.
 - Select "New Message" to create and send a new message.
 - Select "From Text Msg" from the menu to modify and send a received message.
 - You can modify the text on this screen.
 - Select "From sent Msg" from the menu to modify and send a sent message.
 - You can modify the text on this screen.

- Press the left soft key  when writing is complete to enter the receiver number editing screen.
- Use the Navigation key to search the phone number on the Phone Book.
- Press the left soft key  to save-selection screen.
 - You can determine whether the sent message will be saved or not in this screen.
- Press the left soft key  to send the message.



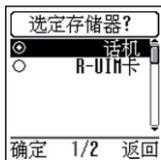
7-3 Templates

- Write text messages and save them in the storage for the future use.

Add : Add new text messages

List : Search the text messages and send them directly from this menu.

- Use navigation key to search and press the left soft key  to move to the following menu :
 - Edit : Edit the message
 - Send Message: Send the message
 - Delete : Delete the message



7-4 Clear Msg

Delete the messages at once

- Clear TextMsg : Delete all the received messages
- Clear SentMsg : Delete all the sent messages
- Clear Template : Delete all the saved templates
- Erase All Msgs : Erase everything
(Received and sent messages and templates)

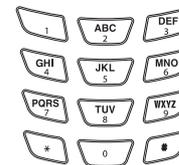
7-5 How to input the Text

How to enter Chinese Characters

There are two ways to enter Chinese characters. You can use the Pinyin mode using in Roman alphabet corresponds to the pronunciation of the Chinese character. Another way is to use the Stroke mode using the strokes of the Chinese character.

Pinyin Mode

In Pinyin mode, the pronunciation of the Chinese characters is transliterated into the Roman alphabet. Keypad Layout for Pinyin Mode:



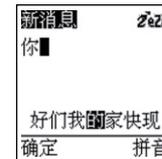
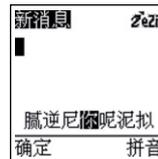
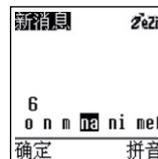
Text input in Pinyin Mode

1. Press the key that has the first letter corresponds to the pronunciation of the word you wish to enter.
2. Press the key that has the second letter corresponds to the pronunciation of the word you wish to enter.
3. Repeat the procedure until you have all the letters in the pronunciation of the word.

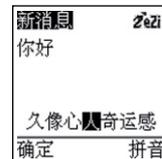
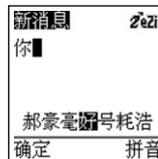
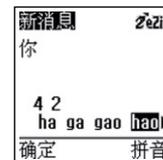
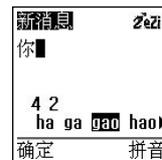
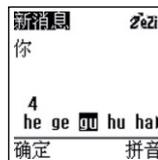
4. Select the pronunciation.
5. Select the Chinese character from the Candidate Set.
6. 0 key shows the pronounced words or shows more Candidate sets.
7. * key moves the cursor to the previous character and # key moves the cursor to the next character.
8. Use the Left/Right navigation key to select the character from the Candidate Set.
9. 6 modes are available and use the right soft key to select a mode.
 - Pinyin, Stroke, ABC, abc, SYM, 123
10. You may use the Number Mode and Symbol Mode.
11. The total of 30 symbols are available. A set of 10 symbols is displayed on the Screen.
12. Use the volume up/down key to move to the next symbol set.
13. The following characters can be composed by using Word Association method.

Example: Pinyin Mode Usage

- Chinese Character 你好 Pronunciation : Ni Hao
- Press 64 from the Keypad and select 你 from the Candidate Set.



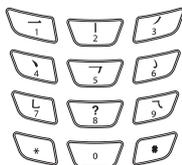
- Press 42 from the Keypad and select from the candidate Set.



Stroke Mode

- Use strokes the same way as you write Chinese characters.

Keypad Layout for Stroke Mode



Stroke Map

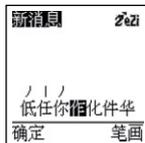
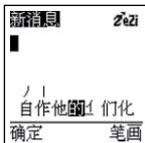
Key				
1	一	Over	一	一王把冰法
2	丨	Down	丨丨	卜小日水才
3	丿	Left Slope	丿	八月狐風昏
4	丶	Dot / Right Slope	丶	光貝夕村辺 八連各衣夫
5	㇇	Over - down	㇇	帶羽入于睡 陪乃方日月
6	㇏	Curved Hook	㇏	家獐豹狂豺
7	㇑	Down - over	㇑	乙萬凡風戲
8	?	Help		
9	㇒	Over - down - over	㇒	鳥才以多匹 化巨英驚古

Text input Stroke Mode

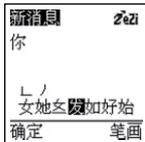
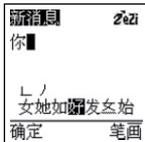
1. Press the key that has the first stroke.
(The order varies according to the number of strokes.)
2. Press the key that has the second stroke.
3. Select the character from the Candidate Set by using the Left/Right Navigation key .
4. Press the key that has the next stroke if you cannot find the character you wish to enter from the Candidate Set.
5. Select the character from the Candidate Set by using the Left/Right Navigation Key .
6. Press 0 key to move to the next Candidate Set.
7. * key moves the cursor to the previous character and # key moves the cursor to the next character.
8. 6 modes are available and use the right soft key to select a mode.
- Pinyin, Stroke, ABC, abc, SYM, 123
9. Use the component method for simple instruction.
10. Use the volume up/down key to change from the component method.
11. The total of 30 symbols are available. A set of 10 symbols is displayed on the Screen. Use the volume up/down key to move to the next symbol set.

Example : Stroke mode Usage (1)

- Chinese Character 你好 · Stroke order : 丿 丨 丨 ㇇
- Select 你 from the Candidate Set.

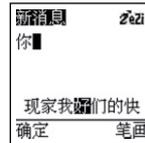
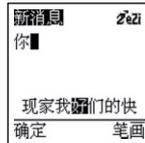
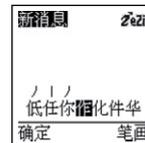
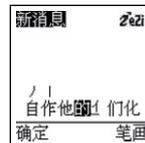
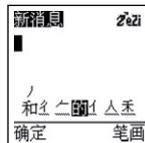


- Stroke order : 丿 丨
- Select 好 from the Candidate Set.

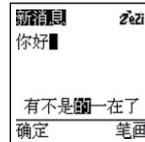
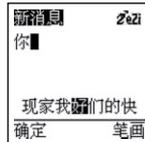


Example : Stroke mode Component Usage (2)

- Chinese Character 你好 · Stroke order : 丿 丨 丨 ㇇
- Select 你 from the Candidate Set.



- Stroke order : Using the word association method
- Select 好 from the Candidate Set.



How to Enter English Characters

- Use the Multi-tap Mode to type in English

Keypad Layout for English Mode

Key	Uppercase Mode	Lowercase Mode
1	1, @, ., ., ., \	1, @, ., ., ., /
2	A, B, C, 2	a, b, c, 2
3	D, E, F, 3	d, e, f, 3
4	G, H, I, 4	g, h, i, 4
5	J, K, L, 5	j, k, l, 5
6	M, N, O, 6	m, n, o, 6
7	P, Q, R, S, 7	p, q, r, s, 7
8	T, U, V, 8	t, u, v, 8
9	W, X, Y, Z, 9	w, x, y, z, 9
0	0, (null)	0, (null)

Text input to English Mode

- Compose a message using the numeric keys from 0 to 9.
- Press a key quickly several times to select the letter.
- Use the right soft key  to change the mode (Uppercase Mode and Lowercase Mode or Chinese mode).
- For example, press the 2 key  once to select "a", twice to select "b", three times to select "c".
- You can also select Number Mode and Symbol Mode to select number or symbol.
- When editing, use the # key  to move the next point.
- Press the # key  and * key  to move the cursor in the letters.

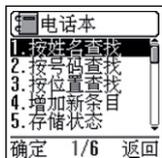
EX) How are you?

- Press the following buttons to compose the following sentence.
- How are you?



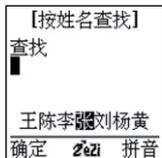
 (ABC) + 4(twice) [h] +  (abc) + 6(three times) [O] + 9[w] +  [space] + 2 [a] + 7 (three times) [r] + 3(twice) [e] +  [space] + 9(three times) [y] + 6 (three times) [O] + 8 (twice) [u] +  (SYM) + 0[?]

- Press the right soft key [Book] on the main menu to display the Phone Book sub menu.



8-1 Search Name

- (Phone Book -> Search Name) : Search the phone number according to its name.
- Select Search Name in the Phone Book menu and press the left soft key [OK]. Then enter the name and press the left soft key [OK] to display detailed information.



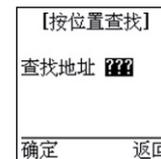
8-2 Search Number

- (Phone Book -> Search Number) : Search the phone number according to its phone number to display detailed information.
- Select Search Number in the Phone Book menu and press the left soft key [OK]. Then enter the phone number and press the left soft key [Find] to display detailed information.



8-3 Search Address

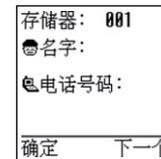
- (Phone Book -> Search Address) : Search the phone number according to its assigned address.
- Select "Search Address" in the Phone Book menu and press the left soft key [OK]. Then enter the address to display detailed information.



if you press the navigation up/down key at the "Search Address" mode, it is displayed all the registered entry. You can Edit the Phone Book information by pressing the left soft key [Option] while the details are being displayed. You can also Copy this information from the Phone to the R-UIM or from the R-UIM to the Phone.

8-4 Add New Entry

- (Phone Book -> Add New Entry) : Add new entry in the Phone Book.
- Select "Add New Entry" in the Phone Book menu and press the left soft key [OK].
- Select whether to save the new entry in the Phone or in the R-UIM and then press the left soft key [OK].



- Enter a phone address, a name, and a phone number. Then press the left soft key  [OK] to save them.
- You can store phone numbers by address (001 ~ 100). The storage capacity of the R-UIM card(101~?) may differ from card to card.
- You can make a call directly by pressing the address number.

8-5 Memory Status

- Shows how many numbers are currently stored in the memory.
- Save up to 100 entries in the Phone memory.
- On the R-UIM, the storage capacity may differ from card to card. Contact your service provider for R-UIM storage.

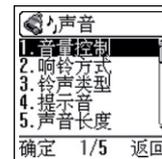
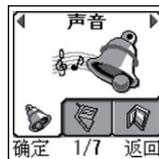


8-6 Own Number

- Shows your number on the screen.
- Select "Own Number" in the Phone Book menu and press the left soft key  [OK] to display your phone number as shown in the picture.



- Press the left soft key  [Menu] on the main menu. Using the Navigation keys , select 1, Sound, and then press the left soft key  [OK]. Or press the left soft key  [Menu] and then press the 1 key .



9-1 Volume

- This menu adjusts the volume for the following:
 - Ringer : Adjust ringer volume when you have an incoming call
 - Key Beep : Adjust the key tone volume
Adjust the key tone with side keys when standby state.
 - Earpiece : Adjust the voice volume.
Adjust the voice volume with side keys during a call.
 - Message : Adjust the message alert volume.

9-2 Ringer Mode

- This is a menu to select the sound / vibration Ring+vib/Lamp.
- Select either melody or vibration, and press the left soft key .
 - Ringing : Melody Mode
 - Vibrating : Vibration Mode
 - Ring+Vib : Vibration and Melody Mode
 - Lamp : Lamp without melody.

9-3 Ring Type

- Select a Melody for the incoming calls.
- You are able to hear the melody while you are selecting.

9-4 Alerts

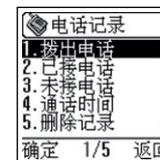
- This menu is used to set any alert beeps.
 - Connect Beep : Beep when the call is made.
 - Service Alert : Beep when exiting the service area.
 - Minute Alert : Beep every minute during a call.

9-5 Key Beep Length

- This menu adjusts the length of the key tone.
 - Long : Adjust to long key tone.
 - Normal : Adjust to short key tone.

10-1 Call List

- Press the left soft key  [Menu] on the main menu. Using the Navigation key, select 2, Call History, and then press the left soft key  [OK].



Outgoing Calls

Displays the number or the name of the last 20 outgoing calls on the screen.

Incoming Calls

Displays the number or the name of the last 20 received calls on the screen.

Missed Calls

Displays the number or the name of the last 20 missed calls on the screen.

Select one of the above three menus and press the left soft key  to see the details. Then press the left soft key  to display the following menu on the screen.

Save

This menu stores the selected phone number in the Phone Book. The instruction is the same as the Phone Book.

Refer to Phone Book instructions on page 26 for more details.

Send Message

Send the message to the selected number.

Refer to Message instructions on page 12 for more details.

Delete

Delete the selected number from the list.

10-2 Call Timers

- This menu displays the duration of the calls you have made.
- Select this menu and press the left soft key  to display the four functions shown below. Press the right soft key  to reset.
 - Last Call : Displays the duration of the last call.
 - Outgoing Calls : Displays the total duration of outgoing calls up to present.
 - Incoming Calls : Displays the total duration of incoming calls up to present.
 - All Calls : Displays the total duration of incoming/outgoing calls.

10-3 Clear CallLogs

- This menu erases the call history at once.
- Select this menu and press the left soft key  to display the functions shown below:
 - Outgoing Calls : Delete the all the outgoing calls.
 - Incoming Calls : Delete the all the incoming calls.
 - Missed Calls : Delete the all the incoming missed calls.
 - All Calls : Delete all outgoing, incoming and missed calls.

- Press the left soft key  [Menu] on the main menu. Use the navigation key to select 3, Organizer, and press the left soft key  [OK].



11-1 Calendar

- You can set your alarm to ring on a specific date and time.
- You can save up to 20 Event alarms and reserved calls. If you have set any schedule, the alarm icon  appears on the stand by screen.
- Select Organizer menu and press the left soft key .
- Select Calendar from the Organizer sub-menu and press the left soft key .

View Calendar

- Set a Event or a Reserved Call from this menu. Also, you can review the schedule list.



-  : last week
-  : next week
-  : next day
-  : last day
-  : last year
-  : next year
-  : down side key last month
-  : up side key next month
-  : today

- Move the cursor on the calendar using the navigation keys  to select the date. Use the right soft key  to see the stored schedule. You can review the schedule of the date you select. Use the up/down navigation keys  to scroll the list. Use the left soft key  to review the stored schedules.
- To save an Event or to make a Reserved Call, use the navigation keys  to move the cursor on the calendar. Press the left soft key  [Add] to select the date. (The date that has the schedule already will have a box around it)

Event

- Alarm : Set /Release (Do you want the alarm on or off?)
Use the left/right navigation keys  to select.
- Repeat : Once / Daily (Do you want the alarm to ring once or everyday at a specific time?)
Use the left/right navigation keys  to select.
- Use the keypad to set the hour and the minute.
Use the left/right navigation keys  to select Am/Pm.
- Use the down navigation key  to move to the text:, then enter the text.
- Use the left soft key  to save.

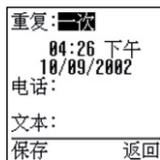


Reserved Call

- Repeat : Once / Daily (Do you want the alarm to ring once or everyday at a specific time?)
- Setting up a time is the same as the Event Menu.
- Use the up/down navigation keys  to move to the Tel:.
You can save up to 32 digits. Saving is not allowed without entering phone numbers.
- Use the down navigation key  to move to the text, then enter the text.
- Use the left soft key  to save.

Clear Schedule : Deletes Events or Reserved Calls.

- Erase Old : Erases the previous schedules.
- Erase All : Erases all the schedules.

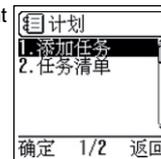


11-2 To-Do

- You can save memo with a specific date and time. You can save up to 10 entries and there is no alarm function.
- You can write up to two lines. The entry cannot be saved if there is no text.
- Select the organizer menu and press the left soft key .
- Select To-Do from the Organizer sub-menu and press the left soft key .

Add To Do

- Due Date : Set / Release (Do you want to set the date and time?)
- Setting up a time is the same as the Event Menu. Use the keypad to set the date, day, and year.
Use the navigation keys to move the cursor for the date and time.
- Use the down navigation key  to move to the Text:, then enter the text.
- Use the left soft key  to save.



To Do List

- Use the up/down navigation keys  to scroll the list.
- Use the left soft key  to review the saved To-Do list.
- Use the Right soft key  to erase the selected To-Do list.

11-3 Wake up Alarm

- This menu is to set the wake up alarm. You can set the date and time for a specific period of time.
- Select the Organizer menu and press the left soft key  [OK].
- Select Wake up Alarm from the Organizer sub-menu and press the left soft key  [OK].
- Shows the last alarm set. Press the left soft key  to reset the time or the period. If the set is off, the current time is shown on the.

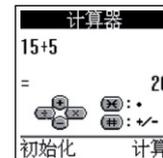
- Set :Off / Everyday / Mon~Fri / Mon~Sat
(Sets the activation period)
- Setting up a time is the same as the Event Menu.
- Use the left soft key  to save.

Alarm stops automatically after 60 seconds. To stop it manually, just press any key.



11-4 Calculator

- This menu allows simple calculations for the users.
- Select Calculator from the Organizer sub-menu and press the left soft key  to display the following screen
- You can input up to 7 digits and the result is displayed up to 8 digits.



- Enter the number in the input window. Use the CLR key  to delete the number.
- For the navigation key, the Up key is + (plus) and the down key is - (minus). The right key is * (multiplication) and the left key is / (division). Use "." for decimals, to the hundredths, and use "-" for the negative values.
- After entering the numerical expression, press the right soft key  to check the results.
- Press the left soft key  for a new calculation.
- Press CLR key  to return to the previous menu, and press END key  to return to stand by status.

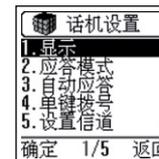
11-5 World Time

- Select organizer menu by pressing the left soft key  and press "5" to select "World Time".
- Use the left/right navigation keys  to view the current time of the city you have selected.
- There are 43 cities in this menu:
 "Beijing", "Manila", "Seoul", "Tokyo", "Sydney", "Oakland",
 "Honolulu", "Anchorage", "Seattle", "Los Angeles", "Denver",
 "Mexico city", "Dallas", "Chicago", "Detroit", "Washington",
 "New York", "Montreal", "Boston", "Caracas", "Buenos Aires",
 "Rio de Janeiro", "Lisbon", "London", "Madrid", "Paris",
 "Amsterdam", "Rome", "Berlin", "Vienna", "Athene", "Helsinki",
 "Cairo", "Beirut", "Kuwait", "Moscow", "Teheran", "Colombo",
 "Bangkok", "Jakarta", "Hanoi", "Singapore", "Hong Kong",



12. Phone Setting

- This menu sets the general functions.
- Press the left soft key  [Menu] from the main screen and use the navigation keys  to select 4, Phone Setting menu, and press the left soft key  [OK].

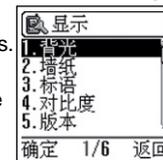


12-1 Display

- This menu adjusts what is displayed on the screen .

Back Light : This menu adjusts the duration of the back light on the screen.

- Always off : The back light is off at all times.
- 10 seconds : Back light stays on for 10 seconds. This also keeps the light on for 10 sec after any key entry.
- 30 seconds : Back light stays on for 30 seconds. This also keeps the light on for 30 sec after any key entry.
- always on : Back light is on at all times.



- Wallpaper : This menu sets the background picture of the main screen.
- Banner : This menu sets the banner of the main screen .
- Contrast : This menu adjusts the brightness of the screen.
- Version : Displays the current version of the software.
- Language : This menu sets the language that will be used by the phone.
 - Select the language and press the left soft key  [OK].

12-2 Answer Mode

- Any key : You can receive calls with any key except the end key and volume key.
- Folder Open : You can receive calls by just opening the folder. When the folder is open already, press the send key  to receive the call.
- Send key : When you make a call, you must press the send key 

12-3 Auto Answer

- This enables you to receive calls automatically if the folder is open.
- off : cancel the auto-answer mode
- 1 Rings : auto-answer after ringing for 5 seconds
- 3 Rings : auto-answer after ringing for 10 seconds
- 5 Rings : auto-answer after ringing for 15 seconds

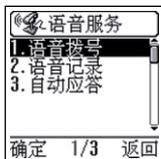
12-4 One-Touch

- This menu enables to make a call with a short key.
- Disable : Cancel the one-touch
- Enable : Enable the one-touch

12-5 Set Channel

- Auto : This menu sets the channel automatically.
- 738 : Sets the phone to communication channel 738
- 283 : Sets the phone to communication channel 283
- 691 : Sets the phone to communication channel 691
- 384 : Sets the phone to communication channel 384
- 777 : sets the phone to communication channel 777
- 779 : sets the phone to communication channel 779

- This menu provides services such as Voice Dial, Voice Memo, and Call Answer.
- Press the left soft key [Menu] from the stand by mode screen select Voice Service by using the navigation keys. Then press the left soft key. You can also select by pressing the left soft key from the main menu and press 5.



13-1 Voice Dial

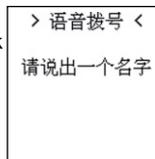
- This menu allows of an access to voice dialing related menus like recording, listing, erasing voice tag and setting of using the voice dialing feature or not. This voice dialing function has the following sub-menu.

Record

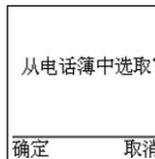
- The voice dial function has a separate Phone Book and you can store up to 10 voice tags.
- The message, "Speak a Name Please...", will appear and you will hear "name please". After the beep, say the voice tag you wish to store as. If the voice tag is captured

correctly, you can hear the voice tag back. You will see the message "Speak Again, Please..." and hear "again" to confirm the voice tag. Please repeat the voice tag.

If the voice tag is confirmed finally, you will see the message "Recorded Successfully" and hear "added".



- When the voice tag is saved, you will see the message "From Phone Book?" Press the left soft key [Yes] to access to the Phone Book list and use the name and the phone number as shown in the list. Use the right soft key [No] to enter the new name and phone number for the saved voice tag if different from the Phone Book.



List

This menu shows the voice tags saved in the Voice-dialing Phone Book in order.

Erase All

This menu erases all the voice tags saved in the Voice-dialing Phone Book.

Setting

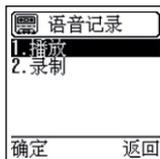
This menu activates or deactivates the Voice-dialing function.

13-2 Voice Memo

- This menu allows the user to record a new voice Memo and play a recorded voice Memo

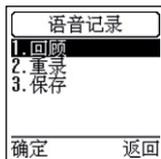
Play

- If you have a saved voice memo, you will see the voice memo list that displays recording date and time. Select the voice memo by using navigation keys to hear the recorded voice memo. Use the soft keys to repeat or delete it.
- Voice Memo List also may have some voice memos recorded via Call Answer function and these include a discriminative character "@" in the middle of the entry. The repeating and deleting of these files are the same as the general voice memo instruction

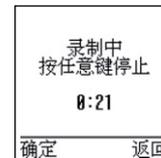


Record

- If there is vacancy in the memory (max. 4 minutes), you will see the message, "Please Begin Recording After The Prompt Tone" and hear the beep. When you see the timer on the screen, begin recording.



Press any button to stop recording. To hear the recorded message, press 1key (review). Press 2key to record again and press 3key to save. Use the play menu to repeat or delete

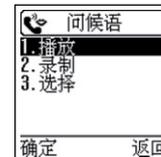
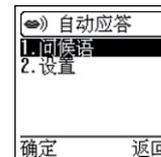


13-3 Call Answer

- This menu is an automatic answering function. The call answer is activated by setting the Call Answer mode from the 2.Setting Menu.

Greeting

- When using the Call answer mode, you can record greetings. Personal Greeting should be set in order to activate this function from 3. Select Menu.
- Then record personal greeting from the Record Menu. Play the recorded greeting from the play menu. Default greeting will play if the personal greeting is deactivated.

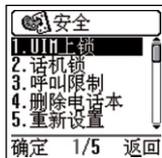


Setting

- Activates/deactivates the Call Answer function. When the Call Answer function is activated, this will automatically activate the auto answer from the phone setting sub-menu.



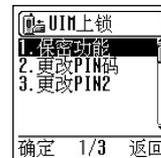
- * If there is any unanswered recorded message, the tape icon  appears on the bottom of the phone display. After checking the message using the Play Menu under Voice Memo Menu, the icon disappears.



- For safety reasons, this mobile phone uses the standard PIN number and Standard PUK number. Also, to prohibit the calls made to unwanted numbers, we provide FDN functions.
- Press the left soft key  [Menu] from the main screen and select 6, Security, by using the navigation keys  . Then press the left soft key  [OK].
- Enter the 4-digit Password to enter the sub-menu.

14-1 UIM Lock

- This function prevents misuse by other users, and requires you to enter a 4~8 digit PIN number saved on the UIM card when you turn on the power for the first time.
- Select UIM Lock from the Security sub-menu and press the left  soft key .



Protection

- On : Activates the PIN function. If the protection is on, you need to enter the PIN when you turn on the power.
- Off : Deactivates the PIN function. If the protection is off, you don't need to enter the PIN when you turn on the power.

Warning : You must know the PIN to use the PIN functions. Please remember your PIN. If you enter the incorrect PIN for three times, you may not use the mobile phone. In this case, please refer to the Solving Problem on page 70.

Change PIN

- This menu allows you to change the PIN1.
- Select Change PIN1 from the UIM Lock sub-menu and press the left soft key .
- Enter the current PIN1 and press the left soft key  to move to the next screen.
- Enter the new PIN1 and press the left soft key  to change.

Warning : If the Protection is on, you need to enter the PIN1 when you turn on the power. Please remember your PIN1.

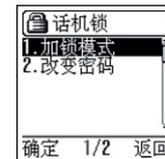
Change PIN2

- This menu allows you to change the PIN2.
- Select Change PIN2 from the UIM Lock sub-menu and press the left soft key .
- Enter the current PIN2 and press the left soft key  to move to the next screen.
- Enter the new PIN2 and press the left soft key  to change.

Warning : If the Protection is on, you need to enter the PIN2 when you turn on the power. Please remember your PIN2

14-2 Phone Lock

- This function prevents access by other users. 4-digit password must be entered in order to initiate the mobile phone.
- Select Phone Lock from the Security sub-menu and press the left soft key .



Lock mode

- Never : Deactivates the Phone Lock function.
- On power up : Activates the phone lock function every time you turn on the power.
- Now : Activates the phone lock function at the current point.

Change code : Changes the Phone Lock Password

Warning :

1. You must know the password to use the Phone Lock functions. Please remember your password.
2. The phone password is set to 0000 by default.

14-3 Call Restrict

- This menu restricts the calls made by user.
- Select Call Restrict from Security sub-menu and press the left soft key [OK].

All Outgoing : Prohibits any outgoing calls.

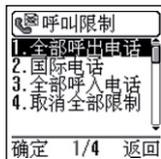
Outgoing Intl : Prohibits any international calls.

All Incoming : Prohibits any incoming calls.

The above functions have the following menu:

- On : Activates the selected function
- Off : Deactivates the selected function

Cancel All : Deactivates all restrictions



14-4 Erase Phone Book

- This menu erases any data that has been stored in the Phone Book.
- Select Erase Phone Book from the Security sub-menu and press the left soft key [OK].
 - Yes : Erases all the data in the Phone Book.
 - No : Deactivates the selected function in the menu.

This menu does not erase the Phone Book in the R-UIM part.

14-5 Reset

- This menu initiates the default value. The stored data will be deleted (except the Phone Book).
- Select Reset from the Security sub-menu and press the left soft key [OK].
 - Yes : Initialize the data to default value.
 - No : Deactivates the selected function in the menu.

- Provides the user with a Stopwatch and Game Services.
- Press the left soft key  [Menu] on the main menu. Use the Navigation keys  to select 7, Accessory, and then press the left soft key  [OK].
Or press the left soft key  [Menu] on the main menu and press the number 7 key .



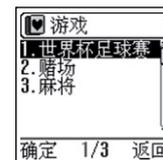
15-1 Stopwatch

- This menu provides the stopwatch function.
- Select Stopwatch from the Accessory sub-menu and press the left soft key .
- Use the left soft key  to start/stop the stopwatch. Use the right soft key  to split / release / done / initiate.
- Press the CLR key  to return to the previous menu or press the END key  to return to the standby status.



15-2 Game

- Start the game by pressing the left soft key  [OK] after making a selection using the Navigation keys . You can choose World Cup, Casino, or Majac(mah-jong) from the game menu.



16. In-call functions

CCE-510X

- You can perform the following functions in a call: Adjust voice volume, store a number, use the phone book, mute your voice, check your own number, or send your own number.

16-1 Adjust Voice volume

- You can adjust the volume while talking on the phone.
- Adjust the call volume by simply pressing the volume key  on the side of the phone while you are engaged.

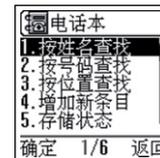
16-2 Store

- You can store any number you want while talking on the phone.
- During a call, enter the phone number you desire to store and press the left soft key  [Menu]. Use the Up/Down navigation keys  to select Store either in the Phone Book or the UIM card.



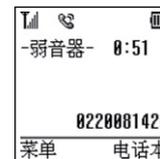
16-3 Phone Book

- You can search phone numbers stored in the Phone Book while talking on the phone.
- During a call, press the left soft key  [Menu] and use the Up/Down navigation keys , to select Bookmark and then press the left soft key  [OK].
- Press the Navigation key to select the sub Menu and then search by 'Search Name', 'Search Number' or 'Search Address'.



16-4 Mute

- While talking on the phone, you can mute your voice if you need private conversation with another person.
- During a call, press the left soft key  [Menu] and use the Up/Down navigation keys  to select Mute and then press the left soft key  [OK].
- In order to cancel Mute, press the left soft key  [Menu] again and use the Up/Down navigation keys  to select Mute and press the left soft key  [OK].



16-5 Own Number

- You can check your number while talking on the phone.
- During a call, press the left soft key  [Menu] and use the Up/Down navigation keys  to select Own Number and then press the left soft key  [OK].

16-6 Send My Number

- When you need to enter your number or use an ARS while talking on the phone, you do it simple and fast.
- During a call, press the left soft key  [Menu] and use the Up/Down navigation keys  to select Send My number and then press the left soft key  [OK].
- You will hear the Key tone when the numbers are sent.

- UTK can show menus that are saved in UIM in phone, or transmit to the phone URL for SMS or WAP that are saved in UIM. Accordingly, diverse application services that are saved in the smart card(UIM) can be provided.
- The kit can be utilized when a UIM card that is supported by UTK service is inserted.
- In stand by state, press the right navigation key  and the UTK menu screen will show up.

18. Solving Problems

19. Emergency Calls

CCE-510X

When a problem arises, please check the following points before you request a customer service.

Error Message	How to Solve the Problem	
When the error message appears as follows:	"UIM Invalid"	Check if the UIM card is placed or misplace.
	"Enter PIN1"	PIN is set to district anyone s use. Please enter your PIN.
	"Enter PUK"	This message appears when you enter incorrect PIN more than three times. In this case, enter the PUK you received when you purchased the UIMcard any longer. You need a new UIM card to use the mobile phone again.
	"No Network" or  icon appears with the message "Searching"	<ul style="list-style-type: none"> - If this problem arises within the service area please turn off your mobile phone for 2-3 minutes and resume. - The network signal may weaken or disconnect if you are passing through a tunnel or densely crowded area. - If the problem continues without specific reason, please visit the service center nearby.
When call cannot be made after pressing the SEND key.	<ul style="list-style-type: none"> - Chec whether you are in a service area. (If you are not in a service area,  will appear on the screen). - Check whether you have set the outgoing calls in the Call Restrict menu. If the function is activated, you cannot make any outgoing calls 	
When call cannot receive incoming calls.	<ul style="list-style-type: none"> - Check whether you are in a service area. (If you are not in a service area,  will appear on the screen). - Check whether you have set the outgoing calls in the Call Restrict menu. If the function is activated, you cannot make any outgoing calls 	

- This function allows the user to make a call in an emergency such as 110, 112, 114, 119, 120 and 122.
- You can make emergency calls even when the phone is locked without entering your password.
- You can make emergency calls even when the PIN is activated without entering your PIN. To make an emergency call, simply press the right soft key and select the numbers you wish to call: 110 , 112 , 114 , 119 , 120 or 122 .
- You can make emergency calls even when the UIM is invalid (No UIM card).
- You can use this function even if there is no registered network and other networks exist.
- You can use this function even when your phone is currently searching for a registered network.

- CDMA(Code Division Multiple Access)
CDMA is a wireless air interface based on code division multiple access technology. CDMA mobile communication system has two types; synchronize and non-synchronize. The synchronize system uses the Global Positioning System (GPS) which provides the common time reference and continuous position. And the non-synchronize system does not use GPS from the base station.
- Line identification Services (Caller ID)
This function displays or blocks the caller ID.
- PIN1(Personal Identification Number)
A code that prevents other users from accessing the user, s phone, provided by the service provider along with the UIM card. The user can change the PIN after receiving it from the service provider.
- PUK1(PIN Unblocking Key)
An 8-digit security code which unblocks the phone when the PIN code has been entered incorrectly more than three times. It is provided by the service provider along with the SIM card. When PUK is entered incorrectly more than 10 times, the SUM is permanently blocked.
- PIN2
PIN2 is a code to block other users from accessing the personal information that the user has entered. This code is requested when FDN is set. Same with PIN, the user can change the code after receiving it from the service provider. Not every UIM card has a PIN2.
- PUK2
An 8-digit security code which unblocks the phone when the PIN2 has been entered incorrectly more than three times. Same with PUK, it is provided by the service provider along with the UIM card.
- FDN(Fixed Dial Number)
This function prohibits the forwarding of messages or outgoing calls except to the numbers that has been designated already. When this function is set, the user will be prompted to enter PIN2.
- Service Center :
This is a number that the user needs to enter in the phone in order to receive a message service. You may not receive this service if you don't have this number. Contact your service provider to find more about this number.

20. Terminology

- UIM(User Identification Module) Card
This card contains a chip that has the necessary information such as personal data of the user, and network and memory information. However, the storage capacity may differ among the UIM cards.
- SMS(Short Message Service)
This service allows you to send or receive text messages among the users(less than 160 characters)
- Soft Keys
Two (-) keys on the phone does not have a specific function itself besides selecting the menu. The function is indicated by messages displayed on the lower part of the screen.

21. Menu Map

CCE-510X



21. Menu Map

CCE-510X

