

Appendix F – USER’S Manual

SKY 6400 User Manual

- Be familiar with user's precautions.
- This user manual may be changed for the purpose of performance improvement, without prior notification to users.
- For good culture of mobile phone, set your mobile phone to the Vibration mode in public places.

User's Precautions

This is intended to protect user's safety and prevent damage to properties.

Be familiar with the user manual before use.

- * Do not lend your own phone to others.
- * If your phone requires After Sales service, contact our designated customer service center.
- * If your phone is lost or stolen, report to your service provider immediately.
- * This product should not be equipped with any separate equipment that may cause a change in its original performance as product type is registered.

Warning

Explosion Area

You can use high frequency devices at construction site in order to explode explosive by remote control. Do not use the phone or attach the accessories when you are at a gas station, a gas leakage hazardous area, and a chemical storage or on a deck of a ship. Keep the phone and the accessories away from inflammable materials because the spark at hazardous area may cause fire or explosion. (Follow all instructions and signals within the area.)

Phone and Electronic hardware

Turn the phone off at transportation facilities or specific area (e.g. airplane and hospital) where phones are prohibited from being used because it may cause accident or affect electronic medical devices. (Follow instructions of each organization.)

Electromagnetic wave information

Phones transmit and receive high frequency (RF energy) with power on. International organizations have made standards and recommendations regarding effects of this RF energy on human body.

To comply with this standard, use certified accessories if you use your phone.

If you do not use certified accessories, you may not keep safe because you violate electromagnetic wave-related criteria.

Using phone while driving

Be familiar with related laws while driving.

- * Keep your eye on driving
- * Do not use phone for safety while driving.
- * Stop your car for call, if necessary.

Precautions for installation of handsfree

Do not install handsfree set at a place where driving is interfered, or within the expansion of airbag in a vehicle equipped with airbag, or at place where human body may be directly injured.

- * Note that if dedicated earphones are not used, you cannot hear dial tone.

Battery Use

If you apply excessive forces with charged batteries in your pocket or bag, or give a shock with sharp things, the phone may cause generation of heat, fire or explosion. For further information, refer to 'Precautions for Battery Use'.

Safety Rules

How to use Antennas

Hold your phone in the same way as general phone and do not touch antenna while calling.

Because the phone may deteriorate call quality and transmit excessive power.

If you change antenna illegally, the phone may be damaged and you cannot be provided with service for free.

Data-related information

While repairing or upgrading the phone, if required, keep important data separately to ensure that data saved in the phone cannot be cleared. Note that phone manufacturer shall not assume the responsibility for damage due to data loss.

Check label for submersion check

If phone or battery is waterlogged, label color is changed. Be careful in using your phone because you cannot be provided with service for free if the phone is out of order.

Information on User's Safety and Effective Use of Phone

- * Do not apply excessive forces to assemble charging connection of a portable charger – It may cause abnormal charging or damage.
- * Do not use damaged power cord or plug, loose outlet – it may cause electric shock or fire.
- * Do not pull out cord or touch power plug with your hands wet – it may cause electric shock or fire.
- * Do not bend power cord with excessive force, or make sure the power cord cannot be damaged under heavy materials - it may cause electric shock or fire.
- * Do not directly connect + and - terminal outside the charger or battery – It may cause fire or explosion.
- * Do not charge the battery with unauthorized power (unauthorized generator, illegal charger) - It may cause fire or explosion.
- * Do not receive or make a call while the phone is being charged (or with your hands wet) - it may cause electric shock or fire.
- * Keep the external connector away from baby – it may cause electric shock.
- * Do not drop charger or battery, or give too much shock – It may cause fire or explosion.
- * Do not hold the string and swing the phone. You may have yourself or others injured when it is slipped out from your hand.

How to Use and Manage Phone

- * Do not disassemble, remodel or repair the phone at random, and contact designated customer service center if the phone requires repair.
- * Keep the phone away from infants or pet. It may cause damage to product, and result in explosion or fire.
- * Do not turn the phone by holding string, if any.
- * Do not bend the phone or give any external shock.
- * Do not sit down with your phone in back pocket.
- * Keep the phone away from magnetic materials, such as credit card and bankbook.
- * Keep the phone away from metals in your bag.
- * Do not put the phone in stove, microwave oven, heating cooker, and high pressure vessel.
- * Use the phone within -20°C ~ 50°C, and do not keep the phone at too high or low temperature.
- * Do not clean the phone with poisonous chemical or strong detergent.
- * When using the phone flash, do not use directly for man's or animal's eyes. It may cause damage to eyesight.
- * Make sure that the phone ring cannot get stuck in the door of bus, subway or car.
- * If allergy, itch, swell or eczema occurs due to paint or metal of the phone, stop using the phone and see a doctor.
- * Do not paint the phone. It may cause malfunction, or damage to the folder.
- * Use qualifying consumables or separate-purchasing product (e.g. phone, battery and charger).
- * Make sure foreign substance (e.g., sand) does not come into the phone.
- * Do not use the phone for other purposes.

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Before Use

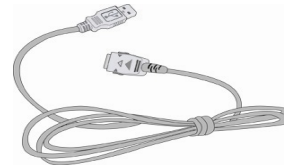
Checking components



Terminal



Battery



USB cable



**User manual
CD**



Ear microphone



Travel Charger



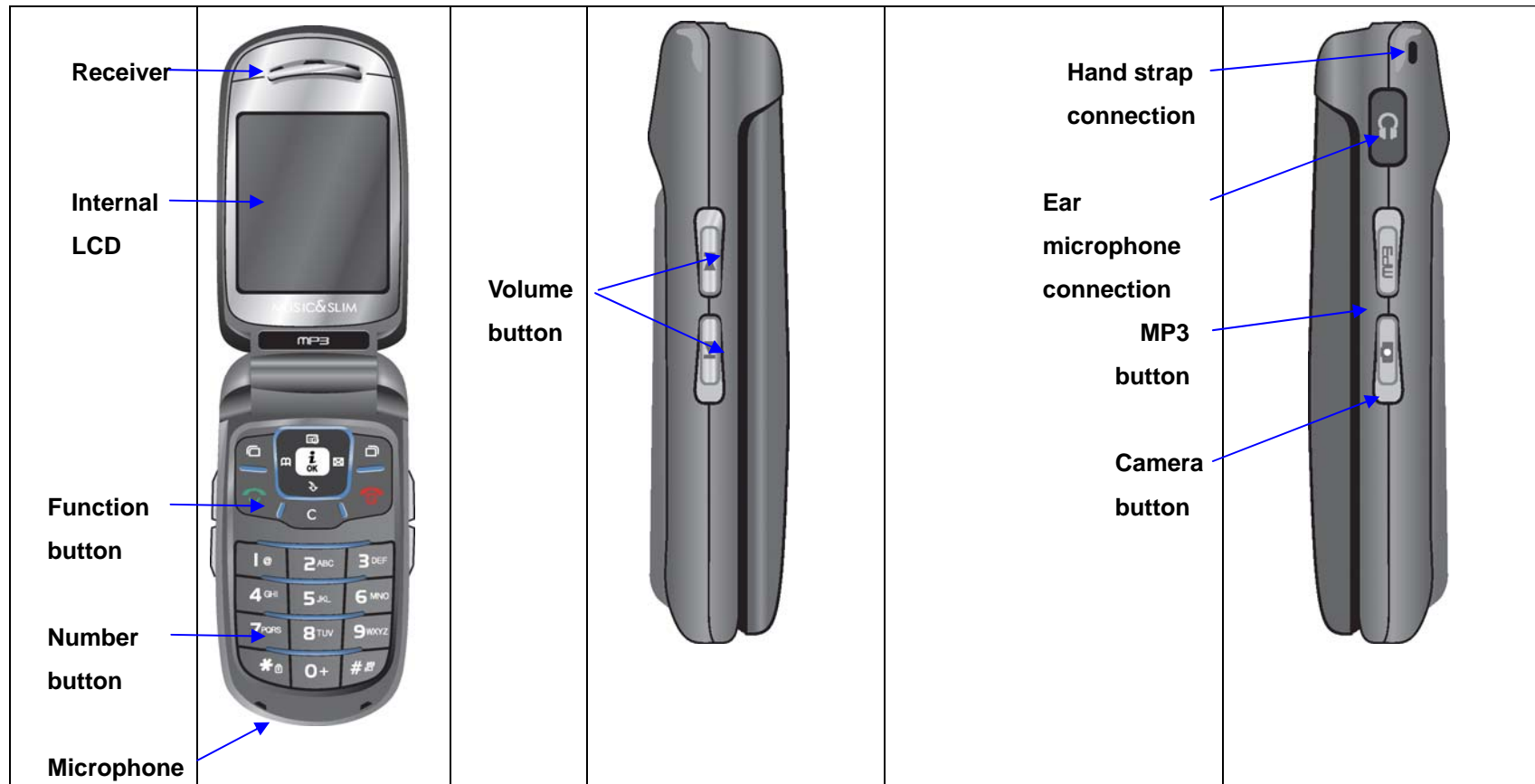
PC-SYNC Manual

Name of Each Component

Front View

Left side

Right side










Rear View










Front View


























Note) If metals touch 24pin connector, power may turn off due to short circuit. Cover the pin connector always. If power turns off, remove battery and reassemble the battery, and turn power on.

Button Description

	Move from initial screen to [Menu] When using phone, select menu on the left of bottom screen
	[Search] function in initial screen When using phone, select menu on the right of bottom screen
	Connect to wireless Internet service in Waiting state, and edit function, select Save and check Setting in each menu
	Move to Organizer menu in Waiting state Move up
	Brew connection Move down
	Move to Phone book menu in Waiting state Move to left
	Move to In Box menu in Waiting state Move to right

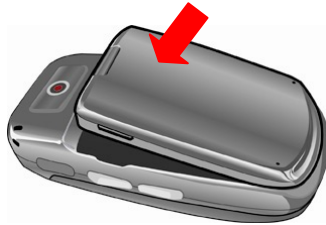
	Make or receive a call Call if this button is pressed long, and call list if pressed short
	Used to remove entered character or transfer to the previous screen, or cancel function setting
	Switch ON/Off and call termination if the button is pressed long, Internet access termination, function setting termination
 ,	Used to control volume  : Flash On function) with folder closed
	Move to MP3 Player menu
	Used to move to Camera menu and used for image shooting
	Etiquette mode setting and release
	Phone locking mode setting (Locking is released if password is entered)

Description of Basic Icon

	Signal strength of call area Weak signal  Strong signal 		Rx sound is set to Bell and Vibration
	International auto roaming service		Rx sound is set to Bell after vibration
	Call attempt or call connection		Rx sound is set to Mute
	Area out of service		Auto answer function is set
	Text message is received		Auto answer message is received
	Broadcast message is received		Color mail message is received
	Alarm is set		Voice mail is received
	Etiquette mode is set		Battery volume Fully charged :  , Charging required : 
	Rx sound is set to Bell sound		Phone is set to Lock function
	Rx sound is set to Vibration		MOD, MP3, live bell is played

How to Use Battery

1. Assembling battery



As shown in the figure above, assemble the bottom of the battery and the groove at the back of the phone. Press in the direction of arrow until 'click' sounds.

2. Removing battery



Pull out in the direction of arrow with the Battery Removal button pressed.

* It is advisable to turn power off when removing battery.


How to Charge Battery

- * Charging gets started while the upper lamp of the charger turns red, and the lamp turns yellow if battery charging is finished.
- * If lamp is flickering while charging battery, it means connection is not made properly. Remove battery or 24pin connector, and re-assemble. Then, 'Click' sounds. If problems still remain, contact the nearest Customer Service Center.
- * Use a designated charger.
- * If our qualifying charger is not used, it may cause damage to electric circuit of the phone, deterioration of battery, or non-charging.

About battery

Cautions and Warnings related to Battery Usage

- * Battery consumption increases when you use supplementary functions such as text input, storage, games, Internet, moving pictures and music files.
- * Battery consumption increases when you perform button & folder sound setting, and frequently open/close a folder.
- * Battery operating time varies depending on a service type of the base station where a mobile phone is located.
- * Battery consumption increases and waiting time significantly decreases when you stay in out of service area for a long time or frequently.
- * Battery consumption increases in the area where an electric wave is low or a channel (base station) is overlapped according to mobile service provider's service type.
- * Waiting time significantly decreases when you send/receive a call frequently or for a long time.
- * Battery consumption increases as a distance is long.

- * Since a battery is a consumable product, its operating time decreases as it is used.
 - * When the battery is dead, an icon is changed to . After an alarm sound is generated, a mobile phone turns off. In this case, please recharge the battery.
 - * Do not give any impact (e.g. dropping a phone) or disassemble the battery at your own discrete. – It may cause failure, reduced lifetime and overheat in relation to the battery.
 - * Keep the battery away from inflammable materials such as heaters and microwaves. – It may cause fire or explosion.
 - * Touching the charging terminal to a conductive material (keys, coins or jewels) may cause short circuit, resulting in fire or explosion. Be careful when handling a charged battery.
 - * Leaving the battery in hot place (inside the car, in the place with direct sunray or near the heat) may cause explosion, fire or deformation. Keep the battery inside with 0°C ~+40°C temperature.
 - * Keep the battery away from infants or pets to prevent them from biting the battery. – It may cause deformation, fire, explosion or injury.
- If the battery is damaged and its internal liquid leaks and touches at your skin, wash the corresponding part with moving water for 1~2 seconds.

Basic Operation

Switching On

Press and hold  → The service provider's logo is displayed for a moment, and then, the standby screen is displayed.

Switching Off


Press and hold  in the standby mode. → The graphic disappears, and then, the phone is switched off.

- Switching on and Switching off screen may vary depending on the setting.

(* The LCD screen can be hard to read if you are under the direct rays or under the sunlight. You can read the LCD screen best in the shade, or with as much light under which you can read a book. (The protective tape can interrupt you to read the LCD screen.)

Making a Call

Making a call by entering the phone number



Enter the area code and the phone number. → Press . → Speak when you are connected.




* If the call is not connected, the number is redialed automatically.

* The call time is displayed on the screen.

* If the phone is locked, you need to unlock it to make a call.

Making a call to a number in the call list


Press  in the standby mode. → Select a number in the call history. → Select a number and press .

- * The name and the icon is displayed if the number stored in the phonebook. The phone number, date, time and call time are displayed in the lower column.
- * Press  and , and you can view All Calls / Calling Numbers / Called Numbers / Missed Calls / Rejected Calls.
- * If you press , you can Delete number, Add to phonebook, Send message or Delete all.

Making a call with turbo dial

Press and hold the last digit of the registered turbo dials (1~99).

If the turbo dial is 1~9, press and hold the turbo dial number. If the turbo dial is 10~99, press the first digit and press and hold the last digit.

e.g., If the turbo dial number is 1 : Press and hold .

If the turbo dial number is 10 : Press  shortly, and press and hold .

Making a call with the last 4 digits

You can find the number with the last 4 digits, and place a call to the number.

➔ **You can find the matching number registered in the phone, and place a call.**

Press the last four digits in the standby mode. -> The phone number in the phonebook or the call list with the matching last 4 digits is displayed -


> Press , ,  and , and select the number. -> Press .

Saving a number in the phonebook


 -> Select the number. ->  ->  -> Select the item to save, and press .


If the number is already in the phonebook, it is displayed in the edit mode. Select the edit item, and edit the number before saving it.

Standby screen menu

Standby screen → Enter the phone number. → Press .

1. Send a message : You can enter the phone number on the standby screen, and send a short message.
2. Manual standby : You can use this function if you need to press the numbers following the voice announcement (ARS).


Press  following the voice announcement, and proceed with the next step.

3. Wait : If you set the wait when using ARS, you can proceed with the next step without pressing . The waiting time is 2 seconds.

Answering a Call

When the phone rings,


Open the folder or press any button.

If you have finished the call, press .

* If you don't want to receive the call, press and hold  or , or press . (The ring becomes muted.)

* If the phone is set to auto answer, the phone switches to the auto answer mode if you don't answer the call for a given period of time.


Call Menus


If you press  during a call, you can use the following menus.

1. Mute – You can mute your voice during the call.
2. Send my number – You can send your phone number during the call or while using ARS.
3. Record – You can record the conversation during the call.
4. Search phonebook – You can search the phonebook during the call.
5. Save phonebook – You can save the phone number of the other party during the call.
6. Message – You can send a message during the call.

* You can adjust the volume with the volume buttons during the call.

Etiquette Mode



* Press and hold  to set the phone to the etiquette mode.

Press and hold  again to release the etiquette mode.

* If you set the phone to the etiquette mode, the phone vibrates for notification of schedule/D-day/alarm/new message.

* If you set the phone to mute, the notifications are only displayed on the screen.

Lock

- * Press and hold  to set the phone locked.
- * To release lock, press  and enter the password.
- * The default password is 0000.





Entering Text

You can enter text with the number buttons on the text input window.

If you press , you can change the entering mode between English, Hebrew, Number, Symbol, T9 English and T9 Hebrew.

Entering English

Select the English mode, and press the corresponding button repeatedly until you get the required character.

e.g., love : Press  3 times, Press  3 times, Press  3 times, Press  2 times

Using the T9 mode

- * This phone is installed with the T9 English and T9 Hebrew text input software.
- * When entering a character, the software program analyzes the character, and shows the result on the screen so that you can make a word.
Every time you make an input, the phone displays the matching word from the database containing about 60,000 words.
- * You can use the T9 mode when you enter the words on the phone for message, phonebook or memo.

Entering words in the T9 mode

If you press , you can select the entering mode between English, Hebrew, Number, Symbol, T9 English and T9 Hebrew.

e.g., English - hello : Press , press , press , press , and press .

Menu Functions

WWW



1. Internet Potal

([Home] > [1.@] > [1.@] (Select Internet Potal) >

2. Games & Apps

([Home] > [1.@] > [2.גיימס] (Select Games & Apps) >

3. Video Clip

([Home] > [1.@] > [3.סרטונים] (Select Video Clip) >

4. Ringtones

( >  >  (Select Ringtones) >

5. Animations

( >  >  (Select Animations) >

6. E-Mail

( >  >  (Select E-Mail) >

7. Voice Potal

( >  >  (Select Voice Potal) >

8. SMS Info

( >  >  (Select SMS Info) >

9. What's New?

( >  >  (Select What's New?) >

Sound



1. Ring Select

In addition to the default bells and melodies, you can download various melodies provided by the service providers.


( >  >  (Ring Select) > Select Ring type > Select ring > )


Type of rings : Creative bell (1~18), Basic bell (1~5), Effect bell (1~7), Classic bell (1~10)


2. Ring / Vibrator

You can select the ring / vibrator mode for incoming calls.

( >  >  (Ring / Vibrator) > Select mode > )

Ring only: The phone rings bell or melody [],

Vibrator only: The phone vibrates [],

Ring & vib : The phone rings and vibrates at the same time [],

Vib. Then Ring : The phone vibrates three times, and then, rings [],

Mute : The phone displays notification without ring or vibrator [].

3. Volume

You can adjust volume of various tones.

( >  >  (Volume) > Select the item to adjust > After setting > )

Ringer : Adjust volume of the ring.

Earpiece : Adjust volume of the voice of the other party.

Keypad : Adjust volume of the button tone.

Folder : Adjust volume of folder opening/closing tone.

Alarm bell : Adjust volume of the alarm bell.

Alarm Sound : Adjust volume of the alarm tone.

4. Sound Effect

You can set various sounds effects of the phone.

( >  >  (Sound Effect) > Select the item to set > After setting > )

Keypad : You can set the key tone. (Key tones 1~3, English, Hebrew, Mute, Beep)

Folder : You can set the tone heard when you open/close the folder. (Folder 1~3, Mute)

Hourly Alert : You can set the on time alarm. (Every hour alert 1, Mute)

Confirm : You can set the tone heard when a message box is displayed. (confirm 1~2, Mute)

Warning : You can set the alert heard when the proceeding of the displayed message box is failed. (Warning 1~2, Mute)





Call Connect : You can set the ringback tone. (Call connect 1, Mute)

Call Disconnect : You can set the call end tone. (Call disconnect 1, Mute)

Battery Warning : You can set the low battery alert. (Low battery alerts 1~2, Mute)

5. Missed Call

You can select the missed call alert tone.

( >  >  (Missed Call) > Select the item to set > )









You can select Every 2min / Once (After 2 min) / None (Silence).

Display Set



1. Set Display

You can set various displays.

( >  >  (Set Display) > Select the screen to change. > Select image type with , . > Select the image with , . > )

You can set the displays for Standby, Incoming call, Making call, Power on, Power off, WWW access and SMS.

You can select one of the two image types: Normal image and downloaded image.

You can select the stored photo as the display.

2. Set Clock

You can set the display method of clock and calendar on the standby screen.



Set Clock : Digital clock(1~2), Analog clock(1~2), No Clock

Calendar : Set, Off

3. My logo setup





You can set the logo displayed on the standby screen.



- * If you select 'Use', you can enter a logo (up to 15 characters) to be displayed on the standby screen, and set arrangement (middle, right and left), the font color and outline color.
- * If you select 'No Use', you cannot enter a logo, and the logo you have set before is not displayed on the standby screen. However, the logo you have entered before is stored in the phone, and is displayed when you select 'Use'.

4. Set lighting

You can set the time and brightness of lighting.

( >  >  (Set lighting) > Select a menu > After setting > )

Backlighting : You can select Normal, Save or User's. (If you select Normal or Save, the corresponding level is selected, respectively.)

LCD Setup: If you have selected User's" for Lighting, you can set the time and brightness of LCD lighting.
(Time : 5sec, 10sec, 20sec, 30sec, 1min / Brightness : Normal, Lighten, Dark)

Keypad : If you have selected 'User's" for Lighting, you can set the time of keypad lighting. (5sec, 10sec, 20sec, 30sec, 1min)

5. Set Ext. LCD

You can set the lighting time on the external LCD.

( >  >  (Set Ext. LCD) > After setting > )

Lighting Time : You can select 5sec, 10sec, 20sec, 30sec or 1min.


6. Language

You can select Hebrew, English or Russian.

( >  >  (Language) > Select a language > )






Organizer



* If you press  in waiting state, you can move to Organizer menu.

1. Alarm

You can set the time and cycle of alarm.

( >  >  (Alarm) >  > Set alarm > )

* You can select User, After 10min, After 30min or 1hr when you add an alarm.

* If you have selected User for Alarm, you can select Alarm On/Off, Title, Cycle, Date, Rept, Term, Time, and Ring/Vibrator.

* After saving the setting, the alarm list screen is displayed, where you can add/delete/delete all with .

* The alarm goes off for about 50 seconds at the designated time.

* If you want to turn off the alarm, press the volume button. Or, you may open the folder and press  or .






* If the alarm is on in the etiquette mode, the phone vibrates, flickers the icon without ringing the bell.


2. Schedule/D-Day


If the user saves schedules and D-days, the phone goes off alarm and displays the stored message at the concerned date.


You can save up to 60 schedules, D-days or both.



Add schedule

( >  >  (Schedule/D-day) >  >  (Enroll Schedule) > Select type of schedule >  > Enter text > )

* After saving the setting, press  to display the schedule list, where you can check the schedule you have added.

You can add/delete/delete all schedules with .


* You can designate the alert tone with .


* Select calendar with , Search day, and press  to view the schedule of the day.

Add D-day

( >  >  (Schedule/D-day) >  >  (Enroll anniversary) > Enter text > )

* After saving the setting, press  to display the Anniversary list, where you can check the D-day you have added,


You can add/delete/delete all D-days with .


* You can designate the alert tone with .

3. Calculator

You may enter up to 32 numbers including operators and decimal points.


( >  >  (Calculator) > Use the calculator)

* If you press , you can use special operators.

* Press  if you wish to enter a decimal point.

4. World time

You can view the current clock of 30 cities in the world.

( >  >  (World time) > , , , )


(Seoul, Sydney/Mel, Wellington, Samoa, Honolulu, Seattle, Los Angeles, Denver, Phoenix, Chicago, Dallas, Hanover, New York, Washington D.C, Rio de Janeiro, London, Rome, Paris, Berlin, Madrid, Jerusalem, Helsinki, Beirut, Baghdad, Moscow, Teheran, Bangkok, Beijing, Singapore, Taipei)

The current time of some of the cities may not be correct since execution of the summer time system is determined by the concerned country or city every year.

5. Memo






You can take short memos.

( >  >  (Memo) >  > Enter content > )

If you press , you can Add memo/Del memo/Del all memos.

6. Voice memo

You can record short voice memos in the phone.

( >  >  (Voice memo) >  > Record voice memo > Press  to stop recording > Select menu >  >
Enter title > )

Record voice memo : Voice memo is different from the voice recording during the call, but is recorded by the user himself/herself.

You can record voice memo for about 10 min.

When finishing recording, press , and select Review, Rerecord or Save.

Play voice memo : You can Add voice memo / Voice Info / Delete / All Delete voice memos, or replay the saved voice memo.

Entertainment



1. Game

You can enjoy Hexa games on the phone.



[ >  >  (Game) >  > START]

* Press  or  to select START, HELP, OPTION, SCORE or QUIT.

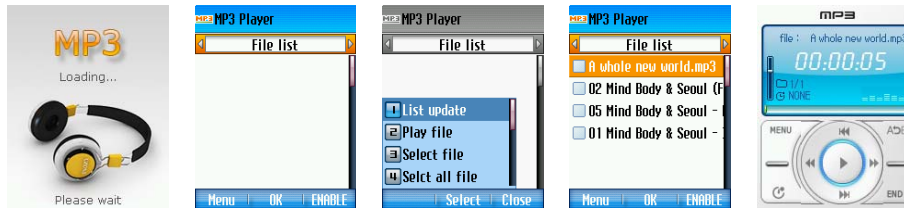
2. MP3


You can listen to MP3 music files with the MP3 function of the phone.

You use Remove disk, you can enjoy MP3.


[ >  >  (Remove disk)]

If you found MP3 folder, copy to mp3 files and paste into the mp3 folder.




* If you press  in waiting state, you can move to MP3 Player menu.

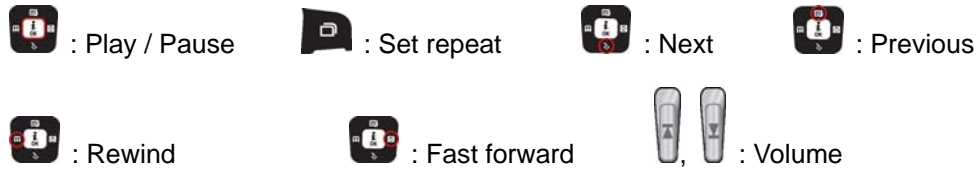
[ >  >  (MP3)]


File list : Press  to select List update list, Play file, Select file, Select all files, Change file name, Delete file, File Information or Add album.

Play list : Press  to select Play, Select, Select all, Delete, Menu Information, Add album.


MP3 list : Press  to select album play, album add, Change name, Select album, Select all album, Delete album, Reset album or Edit album.

Buttons used for MP3 function



Press  to select Play list view, Block repeat, Information, Setting

Using MP3 was the folder is closed.

Press and hold  to use the MP3 function as the folder is closed.

3. Remove disk

You can exchange, save and manage data between the phone and PC if you connect them with a USB cable.

[ >  >  (Remove disk)]

Precautions in using removable disk

You may suffer lack of memory when you need to save photos, movies, MP3 files and other user data in the internal memory of the phone. Check the remaining capacity of the internal memory.

When finishing using the removable disk, remove the phone in a safe manner. The manufacturer of the phone is not responsible for loss of data

caused due to neglect of the user.

4. Memory Info

You can check the memory information of the stored in phone.

[ >  >  (Memory Info)]

Camera

Before using camera

1. You can obtain better image when more light is given to the object to be pictured than the light for background. Make sure to keep you away from direct fluorescent and electric lights and direct sunray when you are taking a photo. You also have to take a photo before a light.

2. Have the object stand still when you are taking a photo.

It is because it takes some time for a camera sensor to adjust the exposure automatically.

3. It is recommended to take a photo inside or outside with bright illumination (when luminous intensity of the ambient light is about 300~500Lux).

4. It takes some time for the camera sensor to be adjusted after the camera is fixed.

In particular, in dark areas, at least 3~5 seconds are required for normal performance of camera.

If you want to obtain better flash performance, you have to turn on the flash after the camera is successfully adjusted.

5. If a distance between the object and the camera is long when the flash is used in dark areas, an effect decreases. Make sure to maintain a normal distance (about 40~70Cm) when you are taking a photo.

Meanwhile, if the distance is too short, you cannot adjust auto exposure and see anything because of bright lens.

* Cautions for using camera


- The camera lens is weak to impact due to high-precision image sensor. Do not drop the phone or give strong impact.

It is also sensitive to temperature and humidity, so be careful to use it.

- Keep your eyes from direct lights of the flash. It may cause negative impact on eyesight.

- The camera screen is not clear when the camera lens in the rear of the phone is dirty. Clear the lens before using the camera.

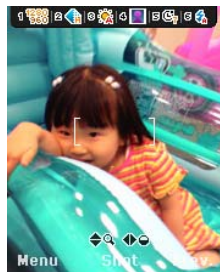




* If you press  in waiting state, you can move to camera menu.



1. Take photo

You can take photos with the built-in camera.

( >  >  (Take photo) > Set photo mode > Take photo >  (Shot) >  (Store) > Enter title > )



In Preview screen, select   : You can use the zoom function. (2.5x Zoom-in is supported)

In Preview screen, select   : You can adjust brightness of the screen. (In 5 steps)

In Preview screen, select  : You can move to Photo album.

In Preview screen, select  : You can set the menu functions.

Size : Set the size of the photo. (176*220 / 320*240 / 640*480 / 1024*768 / 1280*960)

Zoom is not supported for the photo sizes 1024*768 and 1280*960 ZOOM.

Quality : Set the quality of the photo. (NORMAL, FINE, SUPER FINE, LOW)

White Balance : Auto / Sun / Gloomy / Fluorescent / Incandescent

Effect : None / Gray / Sepia / Negative / Embossing

Timer : Timer None used / 3sec / 7sec / 10sec

2. Take movie



You can take movie with the built-in camera.



( >  >  (Take movie) >  (Shot) >  (Stop) >  (Play) >  (Store) > Enter title > )

You cannot use the function buttons while taking a movie.

It may take time to save a movie file depending on the size.



In Preview screen, select   : You can use the zoom function. (2.5x Zoom-in is supported)

In Preview screen, select   : You can adjust brightness of the screen. (In 5 steps)

In Preview screen, select  : You can move to Movie album.

In Preview screen, select  : You can set the menu functions.

Quality : Set the quality of the movie. (NORMAL, FINE, SUPER FINE, LOW)

White Balance : Auto / Sun / Gloomy / Fluorescent / Incandescent


Effect : None / Gray / Sepia / Negative / Embossing

Flash : You can set/release the flash.

3. Photo album

Store the photos.


( >  >  (Photo album) > Select a folder > )


The album has 5 folders. Press  on the folder screen, to Rename or Set Lock.

Press  on the folder screen to display the photos. Press  to select Set Idle / Rename / Memo / Delete / Move file /Set Lock.

4. Movie album

Store the movie.



( >  >  (Movie album) > Select a folder > )

The album has 5 folders. Press  on the folder screen, to Rename or Set Lock.

Press  on the folder screen to play the movies. Press  to select Rename / Memo / Delete / Move file /Set Lock.

5. Setting

You can set the environment for the camera function.

[ >  >  (Setting) > Select a menu > ]

Lock album : You can set lock for the photo and movie.

Enter the password and select lock / release.

Select shot sound : You can select one of the shutter sounds (1–3).

Set Storage : You can select the method of saving and the folder.

6. Memory info

Total memory, remaining memory and used memory are displayed.

[ >  >  (Memory info)]

Total space : Total memory allocated for photo / movie album.

Used space : Total memory used to save photos / movies.

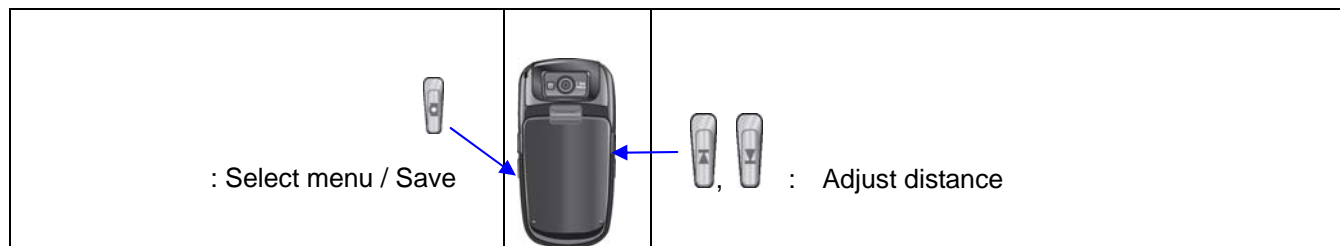
Picture : Shows the total memory used for photos.


Movie : Shows the total memory used for movies.

Free space : Total memory currently available for photos / movies.


- Maximum number of photos or movie files available is depending on the resolution and length of the movie.

Taking photo with the camera short-cut key (with the folder closed)




- * Press and hold  to use the camera function as the external LCD is on.
- * You can take photo or movie.
- * If you open the folder as the external LCD is ready for taking photo, the phone switches to the photo mode with the internal LCD. You can continue using the camera function.
- * If you open the folder when taking a photo, the size set before you open the folder remains effective.
- * If you open the folder while taking movie, the movie you have taken is saved automatically, and the inter LCD becomes the standbystatus.
- * The photos and movies are stored in the photo album and the movie album, respectively.

1 Supplementary function for photo :


Press  on the preview screen

2 Supplementary functions for movie :

Press  on the preview screen.





Phonebook



* If you press  in Waiting state, you can Move to Phone book menu.

1. Add new number

You can register Name, Image, Mobile, Home, Office, Other, Fax, E-mail, Anniversary, Memo, Group, Bell.

[ >  >  (Add new number) > Enter contents/Set image (photo) > ]


Name : 18 Hebrew characters / 18 English characters / 18 Russian characters

Phone number : **32 digits**

E-mail : English (including number) **32 characters**

Memo : 80 Hebrew characters / 80 English characters / 80 Russian characters.

You can set the phonebook image (photo, picture) with the photo taken with the built-in camera.

You can assign the turbo number by pressing  [Turbo key] when registering the number.
The assigned turbo number is displayed with the phone number.





2. Find number

You can find number from the phonebook.

Common menu for Find number : You can Edit/Delete/ Search result/Send Message by pressing .

Search by name

Enter the name (partial or entire name) to find the number.

[ >  >  (Find number) > Search by name > Enter name > ]

Search by group

You can find the number by group.

[ >  >  (Find number) > Search by group > Select group >  > Select name > ]

Search by number

You can find the number by entering (entire or a part of) the phone number.


[ >  >  (Find number) > Search by number > Enter number >  > Select name > ]

3. Edit group

You can manage the numbers in the phonebook by group.

[ >  >  (Edit group) > Select a group >  > Select Edit/Add/Delete/Empty group >  > Modify > ]

The default groups are Not assign group, Family, Friend, Company and School.

Press  to Edit / Add / Delete / Empty group.

You can add up to 15 groups in addition to the default groups.

You can edit the default groups, but cannot delete them.

The Unassigned group cannot be renamed or deleted. You can only change the bell.

You can designate bell by group (You can select the bells in the Ring select menu)



If no group is assigned for a new number, it is stored in the Unassigned group.


If a group is deleted, all the items are stored in the Unassigned group. The new group is deleted.

4. Call Recording

You can view the outgoing calls, incoming calls and missed calls list. (Up to 30 calls per each list)

[ >  >  (Call Recording) > Select a number > ]

Press   to select outgoing calls, incoming calls and missed calls.

Press  to use the following functions.

Delete : Delete a number.

Save : Add to the phonebook.

Send message : Send a message.

Delete all : Delete all the numbers recorded.

5. Edit Turbo Dial

You can make a call if you press and holding the turbo dial number on the standby screen.

[ >  >  (Edit Turbo Dial) >  > Enter number > ]

You can assign the turbo dial number only when you register a phone number.


You can use up to 99 turbo dial numbers. (1 ~ 99)

You can find the turbo dial number by pressing    , or by pressing  and entering the number.

6. Call time

You can view the recent call time and total call time.

[ >  (Call time)]

Press  to Delete all / Delete last call time / Delete total call time.

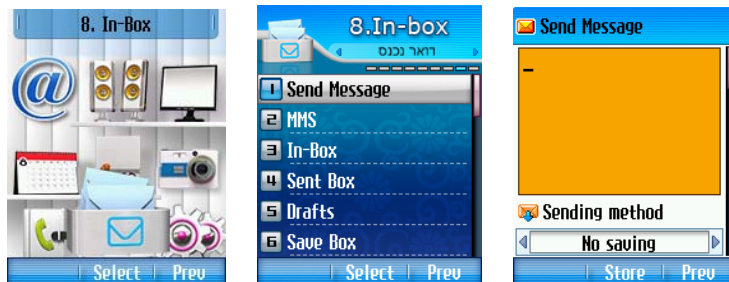
7. Memory Info

You can check the memory of the phonebook.

[ >  (Memory Info)]

You can save up to 600 entries in the phonebook.

Message



* If you press  in waiting state, you can move to In Box menu.

1. Send Message


You can write and send text messages.

[ >  >  (Send Message) > Enter content > Select method/type > Enter number > ]

Method : You can select whether to save the sent message. (No saving, send then save)





The sent messages are stored in the Send box. The failed messages are stored in the Drafts box.

You can find number or call record by pressing , and send the same message to up to 20 receivers.

If you press  while entering the content, it is saved in the Save box.





How to enter text (See P. XX)

2. MMS

[ >  >  (MMS) > Select a menu > ]


3. In-Box

You can view the received text / voice messages.

 >  >  (In-Box) > Select a menu > ]



You can view the received text / voice messages.

Text message : Select a message, and press  to select reply/deliver/delete/delete all/save number.

Press  to send a message to the sender.





A new message alert is provided for new message.


The new message is displayed on the top of the list.


Press   to view previous/next message. You can save up to 20 messages.

4. Sent box

Sent messages are stored.

[ >  >  (Sent box) > Select a message > ]

Press  to deliver/delete/save message.

Press  in the Send box, and you can edit the message before sending it.

You can save up to 20 sent messages.

5. Drafts

The failed messages are stored.






[ >  >  (Drafts) > Select a message > Press  to select Send/Delete/Delete all / ]


If there is an incoming call while you are entering message, it is stored in the Drafts box.

Up to 20 text messages are stored.

6. Save Box

You can save sentences and important sent/received messages (up to 20 messages).

[ >  >  (Save box) > Select a sentence > Press  and select Send/Delete/Delete all > ]

Press  to enter sentence and send.

7. Message Setting

You can set the new message notification function.

[ >  >  (Message Setting) > After setting > ]

Alert Time : Once, No alert(The default is Once), Every 2 min (Only when Auto view is selected),

Message Volum : No Ring, alert(1–3). (The default is alert 1.)

Alert Volume : You can adjust volume of the alert. (the default is Middle.)

Alert During Call : You can receive the new message alert during a call.

(You can select Yes / No. The default is Yes.)

Show Message : You can select/deselect the function that the new message is automatically displayed on the screen.

8. Memory Info

You can check the memory information of the messages stored in Received box, Sent box, Hold box and Stored box.





[ >  >  (Memory Info)]

Setup



1. Set Password

You can change your password. (The default is 0000.)

[ >  >  (Set Password) > Enter the password. > Enter/confirm the password > ]

2. Restrict/Lock

Lock phone, Lock origination, Lock WWW, Lock call recording, Lock phonebook, Lock message, Lock international call, Lock CLIP, Lock external keys.

[ >  >  (Restrict/Lock) > Enter the password > Select a menu with  > ]

The restrict/lock can be temporarily released, but returned to the lock status when the phone is rebooted.

3. Auto DDD

You can activate/deactivate auto DDD function.

[ >  >  (Auto DDD) > Select Use or No Use > Enter the number > ]

When you enter a phone number, the designated area code is automatically displayed.

You can select or enter the area code (when Audio DDD is selected).

4. Answer option

You can select the method of answering a call.

[ >  >  (Answer option) > Select a menu > ]

Open folder : You can answer the call by opening the folder.

Press Key : You can answer the call by pressing any button after opening the folder.(except the End button)

5. Auto Answer

If you cannot receive the incoming call, you can select the auto answer function, enabling the caller to record message.

Set Auto Answer

You can activate/deactivate the auto answer function.

[ >  >  (Auto Answer) >  > Select Set auto answer > Select Use / No Use > ]



The overhearing function enables you to listen to the recorded message.

You can select Answer now / After 3 sec / After 5 sec / After 10 sec.

Select Greetings

You can select the recorded greeting or you can record a new greeting.






[ >  >  (Auto answer) >  > Select Greetings > After setting > ]

You can select the recorded greetings with  or .

You can record greetings for about 4 minutes. After recording greetings, you can select Review, Record, or Save.

Inbox

You can play the message recorded by the other party.

[ >  >  (Auto answer) >  > Select Inbox > ]

You can press the Send button and talk to the caller while the caller records the message.

6. Modem Setting

You can use Internet while on the move by connecting the phone to the notebook or PC without any modem.

(Please contact the Customer Service Center for details of mode setting.)

[ >  >  (Modem Setting) > Set Connection mode/comm port/comm Speed > ]


Reception Mode

You can select an appropriate mode of call reception, DATA reception and FAX reception for your usage purpose.

You can use Internet services by using the mobile phone with the modem.

When you select the communication speed of 115,200, you can use the Internet service of up to 14.4kbps. **(Maximum speed of 153.6Kbps)**

When 14.4kbps is not available, you can use the Internet service of 9.6kbps. (If 153.6Kbps is not available, 14.4kbps or 9.6Kbps is available.)

If any data is not sent/received for a certain amount of time (4 min. 15 sec.) during data cable-based service,  is not displayed on the screen.

In this case, any fee is not charged.

Communication Port

Select USB, UART or Off when you are using a USB cable, a serial cable or nothing, respectively.

(By default, you can use a USB cable and a USB port. If you want to use a Serial cable, select UART.)

Communication Speed

Use a data cable to set a communication speed before starting communication with PC.

Generally, a maximum communication speed for desktop/notebook is 115,200bps. The same speed shall be set to PCs as well as mobile phones.

7. Reset Default

You can reset the functions of the phone to the factory setting.

It will take 5~10 seconds to reset the function depending on the size of the memory.

[ >  >  (Reset Default) > Select a menu > ]

Reset Functions : The settings you have changed become reset to the factory settings.

Reset All : All data except the subscriber number are deleted.

Reset Inbox : All data in the message boxes are deleted.

Reset Phonebook : All data in the phonebook are deleted.

8. Phone Info

The information on the phone is displayed.

[ >  >  (Phone Info) > View phone information.]

The phone Info, S/W Info, H/W Info, Opening Day are Displayed.

Appendix

Troubleshooting

Nothing displayed on the display screen

Check if the battery is discharged beforehand. Remove the battery pack and reinstall it.

No antenna graphic displayed on the display screen

Switch off the phone and wait for a while. Because an electric wave is not stable, move to other place and then attempt a call again.

Alarm heard when a call is placed

There are no communication channels available or difficulty in communication with the base station. Switch off the phone and then switch it on again, the phone will redial the number

Charging lamp on the charger flashes in red

Check the location of the battery pack or clean the charging terminals and then attempt a call again. If the lamp keeps flashing in spite of several attempts, contact the nearest service center.

Echo heard during a call

Adjust a voice level during a call, or move to other place and attempt a call again.

Malfunctions detected when using the phone or no operation

Remove the battery pack and reinstall it, and then turn the power ON. If the phone does not still operate, contact the nearest service center.

Malfunctions detected when using the phone or no power ON

Remove the battery pack and reinstall it, and then turn the power ON.

Invisible screen

The screen is not visible in areas with direct sunray. Use the phone in the shade or in the area with a lightness enough to read a newspaper.

Adjust the screen lightness.

Battery pack operating time is different from the explanation in the User's Manual

If you keep charging and discharging the battery pack, the operating time becomes shorter gradually. If the charged battery pack is exposed to low or high temperature, its operating time may vary. Its operating time may also vary depending on reception state of an electric wave of each area.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Your wireless phone is a radio transmitter and receiver.

It's designed and manufactured not to exceed the emission limits for exposure to Radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards that were developed by independent scientific organizations through periodic and through evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6W/kg*.

* In the U.S and Canada, the SAR limit for mobile phones used by the public is 1.6watts/kg(W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection on for the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the phone.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure.

The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

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

For Body Operation

For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used with a Samsung-supplied or approved accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum from the body.

The minimum distance for this model phone is written in the FCC certification information from the body. Non-compliance with the above conditions may violate FCC RF exposure guidelines.

For more information concerning exposure to radio frequency signals, see the following websites:

Federal Communications Commission (FCC)

<http://www.fcc.gov/rfsafety>

Cellular Telecommunications Industry Association (CTIA):

<http://www.wow-com.com>

U.S. Food and Drug Administration (FDA)

<http://www.fda.gov/cdrh/consumer>

World Health Organization (WHO)

<http://www.who.int/peh-emf/en>