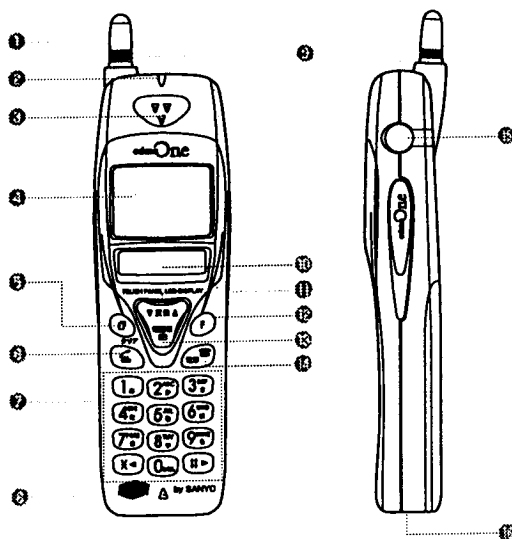


Operating Instructions

Name & function of parts



1 Antenna

2 Incoming call light

incoming call light/charging lamp - when the phone rings, the incoming call light flashes. Also, while the battery is charging the charging lamp stays lit.

3 Ear piece and speaker

for listening to calls.

4 Display

shows guidelines and instructions for using phone functions. Displays phone status, phone numbers, etc.

5 Redial/clear button

press this button to redial the last number last called out to, or to display the phone number of the last call you received.

6 Send button

for making and receiving calls.

7 Dial buttons

to enter phone numbers and letters.

8 Microphone

to speak into. Your voice is received here and transmitted to the other party during the call. Also used to record your voice for certain functions.

9 Hand strap attachment

used to attach the hand strap (included)

10 Sub-window

used to show guidelines for use with main display. It is a touch panel display that also shows explanations and setting options.

11 Up and down search buttons

press to adjust the volume or to scroll through stored information.

12 Function button

press to use the F-functions.

13 Memory dial and "Short Mail" button

shows the contents of memory dial or shows a "short mail."

14 Power/End button

turn the power off and resets a function.

15 Ear-microphone jack

if needed, can be used to connect to an ear-microphone (not included)

16 Interface jack

connection terminal for various options.

How to read the display

This is displayed when you enable the vibrator function.

This is displayed when you security lock your phone or set the secret mode.

This is displayed during a call.

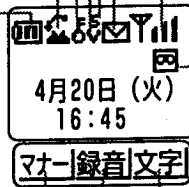
This indicates the 3 approximate levels of remaining battery energy. While charging it displays "充電".

This is displayed when you turn off the ringer.

This is displayed when you receive "C mail."

This shows signal strength. The more segments, the stronger the signal. When "圏外" is displayed, you cannot receive calls due to weak signal strength.

This appears when the answer memo is set.



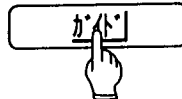
Sub-window (Touch panel display)

Shows various function panels for each operation. Press desired panel with your finger. example: press "マナー"



To avoid damage, don't press the touch panel with sharp objects such as pens, etc.

You can see an explanation for each function on the display.



Press sub-window "ガイド" panel.

Getting started

1 charging the battery pack

The battery pack is not fully charged at the time of purchase. Make sure to charge it to full capacity before use.

When you use it for the first time or you haven't used it for a long time, make sure to charge it to full capacity before using it.

■ How to charge the battery using the desktop Rapid Charger.

1. Insert the connector of the desktop Rapid Charge AC adapter firmly into the battery charging stand with the label facing upwards (see figure 1).

2. Connect the wall plug to an AC 100V outlet (see figure 2).

3. Place the cellular phone unit (with battery pack attached) into the battery charging stand. (The phone unit must lean backwards slightly, then it can be locked into place.)

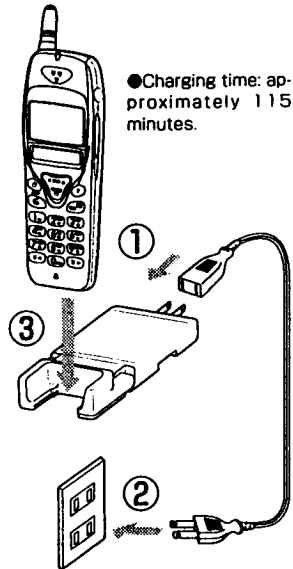
The incoming call/charging lamp will light up in red, the "充電" sign will be displayed in the display area, and the battery will begin to charge. (see figure 3)

When you haven't used the battery pack for a long time or you haven't charged the battery for some time after the "change battery" warning sign has been displayed, sometimes the battery won't charge. If the battery pack is too old or has been damaged, the incoming call/charging lamp will light up and the "充電" sign in the display area will be displayed, then the battery will begin to charge.

4. When the battery finishes charging, the charging lamp will go out and the "充電" sign will disappear from the display area. The battery is now charged. (to remove the cellular phone the charging stand)

When the phone unit's Power is OFF, the "充電" sign will disappear.

When the phone unit's Power is ON, the "電" sign will light up.



- You can charge the battery with the phone unit's power ON, but it will take longer.
- When you charge the battery in weak signal strength areas, it might take time for the charging lamp to light up after you set the phone unit into the desktop charger holder.
- Don't plug the desktop rapid charger directly into a 100 volt electrical socket, always use the AC adapter that comes with the phone.

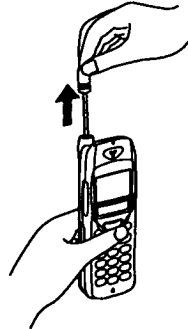
	While charging	Complete charging
call lamp	lights up red	no light
「充電」 sign	will be displayed	Phone unit's power is ON → The 「電」 sign will be displayed Phone unit's power is OFF → won't be displayed

2 Extending the antenna

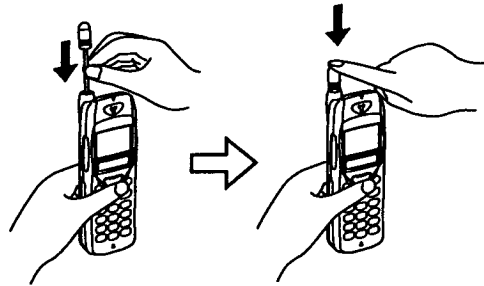
The radio waves cannot be transmitted or received well if the antenna is not extended. To facilitate transmission and reception of radio waves, use the phone by positioning the antenna vertically with respect to the ground.

● Extending the antenna.

◆ Retracting the antenna.



Extend the antenna until it stops with a click.



Move it straight down by pulling on a lower part of the antenna.

To avoid damaging the antenna, never apply direct pressure to the top part of the antenna.

3 Turning the power on.

Press and hold  for more than one second.

When you turn the power on, you'll hear the wake up tone and the sign will be displayed (see figure right). After a few seconds the sign will change to standby. (the display remains lit for about 10 seconds).

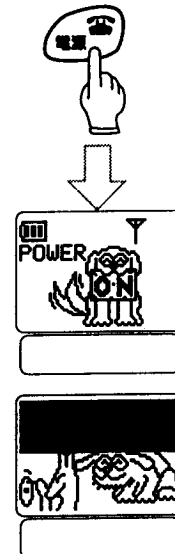
- The function condition is shown with illustrations and letters/words (see figure right) when you turn the illustration function on.
- Illustration function is on at the time of purchase.
- The key response tone and the wake up tone are connected.

◆ Turning the power off.

Press and hold  for more than one second.

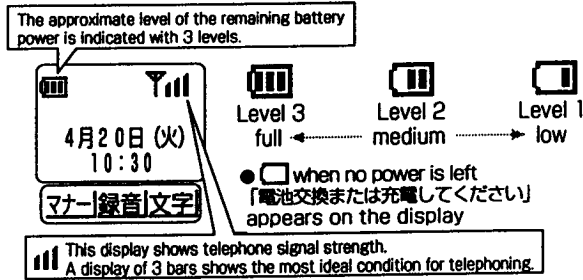
Power is turned off.

There are 4 kinds of illustrations for power on/off, they are changed at random.



4 Checking the display screen

Check the display screen and make sure it is, as shown in the figure below after you turn the power on. This will indicate if the phone is in good working order.



- Even in main service areas there are places that only receive weak signals. In this case, you might not hear well or your call may be cut off.

The above battery level figures show remaining battery strength. Certain changes in conditions may cause the battery level figures to fluctuate..(See example of figure right.)



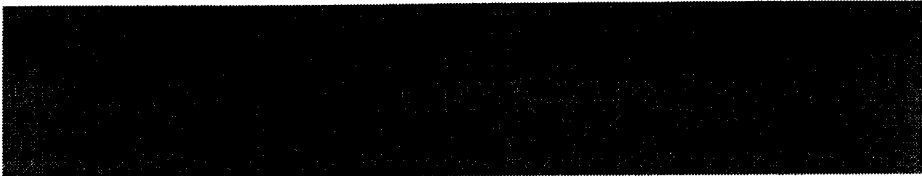
Displaying your own phone number.

1. While in standby mode or while making a call, press /
2. Pressing displays your telephone number.



Calling a landline, a mobile, PHS phone.

1. Enter the phone number you want to call.
Area code - local code - subscriber's number.
example: 03-1234-5678
Always include the area code, even when calling to a number in the same area you are in.
 2. Press to place a call.
- If you enter a wrong number:
- Press briefly - the last dialed digit will be deleted.
 - Press and hold the entire phone number will be deleted.



Making an International Call

■ example: to call the United States (country code 1), New York City (area code 212), number 123-4567.

1. Pressing **0^{int} 0^{int} 7^{int} 8^{int}** (DDI access code)
2. Pressing **1⁺** (country code)
3. Pressing **2⁺ 1⁺ 2⁺** (area code)
4. Pressing **1⁺ 2⁺ 3⁺ 4⁺ 5⁺ 6⁺ 7⁺** (subscriber's number)
5. Press **☎** to place the call.

■ example: to call an Iridium phone.

1. Pressing **0^{int} 0^{int} 7^{int} 8^{int}** (DDI access code)
2. Enter the Iridium phone number you want to call.
8^{int} 8^{int} 1⁺ 6^{int} or **8^{int} 8^{int} 1⁺ 7^{int}**, and **XXXXXXX**
3. Press **☎** to place a call.

To make international calls, you need to fill out an application from DDI international call services. Call numbers are given below for your reference:

DDI Customer Service Center:

From landline phone (toll free) 0077-778

From cellular phone (charged) 03-3375-0222



(9:00 to 21:00)



Answering a call

1. the ring tone sounds/vibrator buzzes, and the incoming call lamp flashes.


2. Press  to answer the call.

An incoming call can also be answered by pressing any of the  or  buttons.

If you do not answer the call or the caller disconnects before the call is answered, "着信あり" will be displayed.

Entering characters:

This is the method of entering names for registering memory dials and writing mail for "C mail."

Each time you press sub windows , the entry mode will change:



Press the panel and find the entry mode you want.

"Kanji", "Hiragana" entry mode.



"Katakana" entry mode.



"Alphabetic" entry mode.



"Phone number" entry mode.

Letters are assigned to each button as shown below. Press a button repeatedly to cycle through letters assigned to that button.

entry mode button	"Kanji", "Hiragana"	"Katakana"	"Alphabetic"	"Phone number"
1	▶ あいうえお ▶ ▶ あいうえお ▶	▶ アイウエオ ▶ ▶ アイウエオ ▶	1	1
2 ^{ABC} カ	▶ かきくけこ ▶	▶ カキクケコ ▶	▶ ABCabc2 ▶	2
3 ^{DEF} シ	▶ さしすせそ ▶	▶ サシスセソ ▶	▶ DEFdef3 ▶	3
4 ^{GHI} チ	▶ たちつてと ▶	▶ タチツテト ▶	▶ GHIghi4 ▶	4
5 ^{JKL} ナ	▶ なにぬねの ▶	▶ ナニヌネノ ▶	▶ JKLjkI5 ▶	5
6 ^{MNO} ハ	▶ はひふへほ ▶	▶ ハヒフヘホ ▶	▶ MNOmno6 ▶	6
7 ^{PQRS} マ	▶ まみむめも ▶	▶ マミムメモ ▶	▶ PQRSpqrs7 ▶	7
8 ^{TUV} ヤ	▶ やゆよやゆよ ▶	▶ ヤユヨヤユヨ ▶	▶ TUVtuv8 ▶	8
9 ^{WXYZ} ラ	▶ らりるれろ ▶	▶ ラリルレロ ▶	▶ WXYZwxyz9 ▶	9
0 ^{del}	▶ わをんー ▶	▶ ワヲンー ▶	0	0
X◀	Move the cursor to the left			*
#▶	Move the cursor to the right			#
Sub-window	▶ . ' . . (space) ▶	▶ . - . . (space) ▶	▶ . ' - . (space) ▶	P—



Registering Memory Dials.

You can register the numbers and names you call often. Once you register them, you can call them with fewer operations. You can store up to 500 phone numbers and names in the phone's memory. Numbers 000 to 499.

■ How to store a name and a phone number into memory.

There are 5 steps to enter a phone number into Memory Dial.

1. Enter the phone number

(0th) ~ (9th)

2. Enter the name

登録 〇〇、 漢字



3. Enter the Memory Dial code number.

(0th 0th 0th ~ 4th 9th 9th)

The next available number will automatically blink in the display. You can assign this number as your Memory Dial number by pressing OK, or you can enter a number of your choice from 000 to 499 and press OK.

OK | ファン
 | タッチ



4. Enter the kind of phone

- 0thother
- 1stfor a landline phone
- 2ndfor a mobile phone
- 3rdfor a PHS
- 4thfor a beeper
- 5thfor a fax.

OK | ファン
 | タッチ



5. Enter the Group Number

You can register 10 kinds of Group Numbers. Each Group Number will have an index.

OK | ファン
 | タッチ



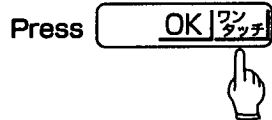


One Touch Dialing

You can register the phone numbers you use often or phone numbers needed for emergencies in Press and hold and the call will be made automatically.

■ registering One Touch dial phone numbers.

See "Registering Memory Dial" steps 1 to 4.



Display will show 「ワンタッチダイヤルを登録しました」

■ Making a call by One Touch dialing.

Press and hold

You hear a tone and the call that you registered will be made automatically.

Making a call with Memory Dial.

You can call by using phone numbers saved in Memory Dial.

There are 8 ways to recall numbers saved in Memory Dial.

- ① Dial Memory Dial numbers by using the number pad.
- ② Dial by Japanese phonetic symbols, i.e. hiragana or katakana.
- ③ Dial by letters.
- ④ Dial by telephone book order.
- ⑤ Dial by type of phone.
- ⑥ Dial by group number.
- ⑦ Dial by phone number fragment.
- ⑧ Dial by memory number order.



■ **Dialing Memory Dial numbers by using the number pad:**



Listed according to the first letter of the name you registered in the memory dial.

1. Press and hold one button from (0) - (9) for more than one second
example: to find a name beginning with カ, キ, ク, ケ, コ, A, B, C, a, b, c, 2. press (2)
2. Press and hold (2) or press (2) several times to scroll through and display the name you want.
3. Press (enter)




■ **Dialing by Japanese alphabetical order:**

1. Press and hold (v) (four dots)
2. Use (v) (four dots) to scroll through and display the name you want.
3. Press (enter)

■ **Dialing by letters:**







1. Use sub-window and press the  panel twice.

2. Enter the letters you want.
3. Use (v) (four dots) to scroll through and display the name you want.
4. Press (enter)

■ **Dialing by stored telephone book order:**







1. Press (v) (four dots)
2. Press  to access the telephone book.
 or 
3. Use (v) (four dots) to scroll through and display the name you want.
4. Press (enter)






■ Dialing by kind of phone:

1. Press  3 times.
2. Press  to select the kind of phone.
 or 
3. Use  to scroll through and display the name you want.
4. Press 




■ Dialing by group number:

1. Press  4 times.
2. Press  to select the group you want to call.
 or 
3. Use  and scroll through and display the name of the person in the group you want to call.
4. Press 

■ Dialing by phone number:

1. Enter the first few digits of the phone number.
2. Press and hold 
3. Use  to scroll through and display the name you want.
4. Press 

■ Dialing by memory number order:

1. Press 
2. Use  to scroll through and display the name you want.
3. Press 



Checking the contents of Memory Dial:

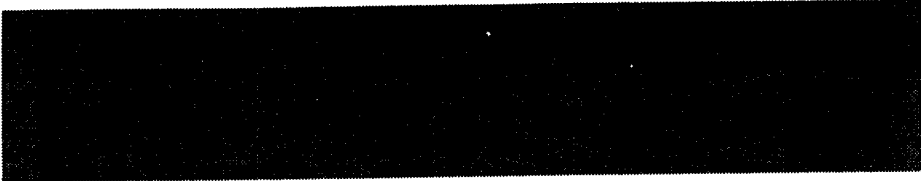
When the contents (phone numbers or names) of Memory Dial are not displayed entirely, the missing information can still be accessed in full.

■ **Displaying phone numbers:**

- 1. Call up Memory Dial.
- 2. Press **(X←)**
The entire phone number you registered will be displayed.
Press again and the display will return to its previous state.

■ **Displaying names:**

- 1. Call up Memory Dial.
- 2. Press **(#▶)**
The entire name will be displayed.



List of functions

Group F0:

Mode No:	Function Description
F0:	Instructions of functions besides F functions

Group F10

Mode No:	Function Description
F11	Auto-lock ON/OFF
F12	Checking talk time and charge of the last call
F13	Checking accumulated talk time and charge
F14	Talk time display
F15	Talk charge display
F16	Setting the remote talk function to use with the ear microphone
F17	Auto answer function when using the ear microphone
F18	Entering pager type letters function

Group F20

Mode No:	Function Description
F21	Ringer volume
F22	Selecting ringer pattern
F23	Selecting "hold" melody
F24	Adjusting key response tone volume
F25	Turning off wake-up tone
F26	Disconnection alert setting
F27	Composing a melody
F28	Adjusting speaker tone

Group F30

Mode No:	Function Description
F31	Turning on light display while using a car cigarette lighter adapter
F32	Turning off key light
F33	Changing light colors
F34	Adjusting contrast of display

Group F40

Mode No:	Function Description
F40	Memory number entry status
F41	Resetting elapsed talk time
F42	Resetting approximate talk charge
F43	Resetting the contents of memory
F44	Function setting reset
F45	Resetting entire memory
F46	Change password
F47	Area code memory
F48	Setting magnification of talk charge
F49	Registering group names


Group 50

mode No:	Function Description
F51	Setting dial limits
F52	Locking Memory Dial function
F53	Setting secret mode

Group F60

mode No.:	Function Description
F60	Turning off display illustrations
F61	Setting answering memo
F62	Record/Play/Erase message(s) from answering memo
F63	Setting the "absent" message
F64	Record/Play/Erase "absent" message
F65	Game "kani-kani catch"
F66	Vibrator
F67	Calculator
F68	Setting "home" mode
F69	Ranking most frequent incoming and outgoing calls

Group F70

mode No.:	Function Description
F71	Entering/time/birthday
F72	Alarm
F73	Setting alarm with message
F74	Auto Power ON
F75	Auto Power OFF

Group F80

mode No.:	Function Description
F80	Playing message(s) from the answering service
F81	Enabling answering service
F82	Stopping answering service
F83	Changing the message
F84	Forwarding a call automatically without message
F85	Forwarding an incoming call automatically while using a phone
F86	Forwarding a call without any conditions
F87	Selecting call forwarding settings
F88	Resetting call forwarding service
F89	Register call forwarding destinations

Group F90

mode No.:	Function Description
F91	Sharing your phone number with the person you are calling
F92	Setting rate of data, fax communication



Specifications

Weight:	approximately 95 g (including battery pack)
Continuous talk time:	approximately 170 minutes
Continuous standby time:	approximately 200 hours
Dimensions (W/H/D):	approximately 40 mm x 130 mm x 21 mm (not including the antenna and protuberances)
Type of battery pack:	Li-ion
Charging time:	approximately 115 minutes (using the desk top Rapid Charge AC adapter and battery charging stand) approximately 115 minutes (using the Rapid Charge car cigarette lighter adapter.)

- The continuous talk time and continuous standby time are the average values of when the signals can be received normally while the telephone is in the standstill status.
The operation time may be reduced to almost half due to charging conditions, temperature, and other operation environment conditions, signal condition at the location of use, function setting, etc.
- For body-worn hands-free operation, the antenna should be kept at least 1 cm from the body when transmitting.