Using Music

"Mobile Jukebox" in the "My Media" menu enables you to download favourite music tracks directly onto your handset. The "Music" menu is a gateway to the music providing service produced by T-Mobile that allows you to browse from a range of tracks and a Music Player is also prepared for your handset to play the downloaded music for your entertainment.

The music format available on the handset is:

AAC: Music tracks in AAC format

MP3: Music tracks in MP3 format

Downloading Music

1 Press ◯.
The main menu appears.

2 Press ⏱, ⏲, ⊖ or ⊙ to highlight "My media" and press ◯.

3 Press ⏱ or ⏲ to highlight "Music" and press ◯.

4 Press ⏱ or ⏲ to highlight "Mobile Jukebox" and press ◯.
The downloaded music tracks are saved in "My music."

- *shows that this title of music cannot be played. The user did not proceed to download with payment procedure, or the valid period for this title has passed.*
- *shows that this title of music is valid to play under copyright protection.*

Playing Music

1 At the main menu, select in the following order: "My Media" → "Music" → "My music."

2 Press ⏱ or ⏲ to highlight a music track you wish to play and press ◯.
The Music Player appears to start playing the music track.

Music Player Basic Operations

"Music Player" is the preinstalled AAC/MP3 music format player.

◯:	Play/Pause (Toggles)
⏱/⏲ (▲/▼):	Volume up/down
⊖/⊙:	Skip forward/back

To control play back mode

When playing back a music track, you can control the following play back modes.

1 When playing back a music track, press ⊖ [Options].
The “Options” menu appears.

2 Select from the following menu items and press ◯.

Shuffle	Shuffle:	Sets the random shuffle play mode.
1	Repeat1:	Plays the current song repeatedly.
ALL	Repeat all:	Plays all songs in the list repeatedly.
Normal	Normal:	Plays the song in the list until the end.

The mode icon you set appears on the Music Player display.

The player pauses music playback if an incoming phone call is detected and the ringtone is heard through the headphones.

Making Your Music Play List

You can make your own play list.

1 At the main menu, select in the following order: “My Media” → “Music” → “My music.”
The list of “My music” appears.

2 Press ⓘ or ⓒ to highlight a music track you wish to add to the play list and press ⊖ [Options].
The “Options” menu appears.

3 Press ⓘ or ⓒ to highlight “Add to playlist” and press ◯.
The music track adds to “My playlist.”

When playing a music track, pressing ⊖ [Options] and selecting “Add to playlist” also adds the file to “My playlist.”

Checking the Music Information

1 At the main menu, select in the following order: “My Media” → “Music” → “My music.”
The list of “My music” appears.

2 Press ⓘ or ⓒ to highlight a music track whose details you wish to check and press ⊖ [Options].
The “Options” menu appears.

3 Press ⓘ or ⓒ to highlight “Music details” and press ◯.

When playing back music tracks, pressing ⊖ [Options] and selecting “Music details” also shows the detailed information.

Changing the Name of Music

1. At the main menu, select in the following order: "My Media" → "Music" → "My music."
   The list of "My music" appears.
2. Press ⓢ or ⓖ to highlight a music track whose name you wish to change and press ⊖ [Options].
   The "Options" menu appears.
3. Press ⓢ or ⓖ to highlight "Rename" and press ◎.
   The text entry screen appears. For information on how to enter text, refer to "Entering Text" on page 8-51.
4. When you finish renaming, press ◎ to save.

Moving or Copying Music to Memory Card

1. At the main menu, select in the following order: "My Media" → "Music" → "My music."
   The list of "My music" appears.
2. Press ⓢ or ⓖ to highlight a music track you wish to move or copy to memory card and press ⊖ [Options].
   The "Options" menu appears.
3. Press ⓢ or ⓖ to highlight "Move to memory card" or "Copy to memory card" and press ◎.

If you access music tracks saved in memory card, the menu item switch to "Move to handset" or "Copy to handset" and you can move or copy music tracks from memory cards to handset memory.

Deleting Music

1. At the main menu, select in the following order:
2. "My Media" → "Music" → "My music."
3. The list of "My music" appears.
4. Press ⓘ or ⓘ to highlight a music track you wish to delete and press ⊖ [Options].
   The "Options" menu appears.
5. Press ⓘ or ⓘ to highlight "One music" or "All music" and press ◯.
6. Press ⊖ [Yes].
   If you wish to cancel, press ⊖ [No] in this step.

Once you delete a music track, it cannot be restored.

Memory Status

This function helps you to check the memory status of "My Media."

1. Press ◯.
   The main menu appears.
2. Press ⓘ, ⓘ, ⓘ or ⓘ to highlight "My Media" and press ◯.
3. Press ⓘ or ⓘ to highlight "Memory status" and press ◯.
4. Press ⓘ or ⓘ to highlight "Handset" or "Memory card" and press ◯.
   The memory status is indicated by using bar chart.

Using the Personal Organiser

This section provides information on the organiser features that are built into the handset. Features include a calendar, alarm clock, calculator, voice memo recorder and phone help.

Using the Calendar

The Calendar helps you organise and manage your schedule on a daily basis. The calendar can display dates from January 2000 to December 2099.

1. Press ◯.
   The main menu appears.
2. Press ⏱, ⚲, ⊖ or ⊙ to highlight “Organiser” and press ◯.
3. Press ⏱ or ⚲ to highlight “Calendar” and press ◯.
   The current month is displayed and the current date is highlighted.

You can activate the calendar by pressing ⏱ while in standby mode. (This key assignment can be changed by the user.)

Entering Appointments

You can navigate the calendar by using the navigation keys. You can enter up to three schedules per day.

1. At the main menu, select in the following order: “Organiser” → “Calendar.”
2. Press ⏱, ⚲, ⊖ or ⊙ to highlight the day you wish to create an appointment for and press ◯.
3. Press ⏱ or ⚲ to select a field and press ◯.
4. Enter the appointment title and press ◯.
5. Enter the appointment note and press ◯.
   You can enter up to 40 characters for each title and note. For information on how to enter text, refer to “Entering Text” on page 8-51.
6. If you have finished entering text, press ⊖ [Back].
   The screen returns to the calendar. Dates with appointments are underlined.

- *Appointment titles you have entered appear below the calendar when you highlight the day.*
- *If you wish to edit any of the appointments you have entered, highlight the day again in step 2 and follow the steps.*

Finding a Particular Date

To enter or check appointments on a particular day, jump to that day by entering the date in the calendar.

1. At the main menu, select in the following order: “Organiser” → “Calendar.”
2. Press ⊖ [Options].
   The “Options” menu appears.
3. Press ⏱ or ⏲ to highlight “Go to date” and press ◯.
4. Enter the date you wish to display and press ◯.
   The specified date is highlighted.

Changing the Weekly Format

You can change the weekly format of the Calendar.

1. At the main menu, select in the following order: “Organiser” → “Calendar.”
2. Press ⊖ [Options].
   The “Options” menu appears.
3. Press ⏱ or ⏲ to highlight “Setting” and press ◯.
4. Press ⏱ or ⏲ to highlight “Weekly format” and press ◯.
5. Press ⏱ or ⏲ to highlight “Monday-Sunday” or “Sunday-Saturday” and press ◯.
   Monday-Sunday: Weekly format from Monday.
   Sunday-Saturday: Weekly format from Sunday.

Deleting Appointments

You can select three ways to make deletions in the calendar: deleting appointments one by one, deleting all appointments set for a day or deleting all appointments in the calendar.

To delete appointments one by one

1. At the main menu, select in the following order: “Organiser” → “Calendar.”
2. Press ⏱, ⏲, ⊙ or ⊙ to highlight the day and press ◯.
3. Press ⏱ or ⏲ to highlight the field you wish to delete and press ⊖ [Options].
4. Press ⏱ or ⏲ to highlight “Delete” and press ◯.
5. Press ⏱ or ⏲ to highlight “1 data” and press ◯.
6. Press ⊖ [Yes].
   If you wish to cancel, press ⊖ [No] in this step.

⚠ *Once you delete appointments, they cannot be restored.*

If you wish to delete all the appointments on a certain day, select "1 day" in step 5 on the previous page. The result is the same as the next option, "To delete all appointments on a day."

To delete all appointments on a day

1. At the main menu, select in the following order: "Organiser" → "Calendar."
2. Press ⓢ, ⓖ, ⓒ or ⓒ to highlight the day and press ⊖ [Options].
   The "Options" menu appears.
3. Press ⓢ or ⓖ to highlight "Delete" and press ◎.
4. Press ⓢ or ⓖ to highlight "1 day" and press ◎.
   "Delete?" appears.
5. Press ⊖ [Yes] to delete the day's appointments.
   If you wish to cancel, press ⊖ [No] in this step.

To delete all appointments in the calendar

1. At the main menu, select in the following order: "Organiser" → "Calendar."
2. Press ⊖ [Options].
   The "Options" menu appears.
3. Press ⓢ or ⓖ to highlight "Delete" and press ◎.
4. Press ⓢ or ⓖ to highlight "All data" and press ◎.
   "Delete?" appears.
5. Press ⊖ [Yes] to delete all appointments in the calendar.
   If you wish to cancel, press ⊖ [No] in this step.

Using the Alarm

This function alerts you at a specified time such as for an appointment or at the time to get up.

- *After changing the settings, you may have to press ⊖ [Save].*
- *The alarm function does not work if the handset is turned off.*

Setting the Alarm

1. Press ◎.
   The main menu appears.
2. Press ⓢ, ⓖ, ⓒ or ⓒ to highlight "Organiser" and press ◎.

3 Press ⊙ or ⊙ to highlight "Alarm" and press ●. The "Alarm" menu appears.

4 Press ⊙ or ⊙ to highlight "List alarms" and press ●.

5 Press ⊙ or ⊙ to highlight the desired alarm number and press ●.

6 Press ⊙ or ⊙ to highlight "Set time" and press ●.

7 Enter the alarm time using the digit keys and press ●.
When you enter the alarm time in the 12-hour clock format, press [*+○] to switch to am and pm.

Setting the Alarm On/Off

1 At the main menu, select in the following order: "Organiser" → "Alarm" → "List alarms."

2 Press ⊙ or ⊙ to highlight the desired alarm number and press ●.

3 Press ⊙ or ⊙ to highlight "Alarm status" and press ●.

4 Press ⊙ or ⊙ to highlight "On" or "Off" and press ●.
If you select "Off," the alarm does not work.

Setting the alarm tone type

1 At the main menu, select in the following order: "Organiser" → "Alarm" → "List alarms."

2 Press ⊙ or ⊙ to highlight the desired alarm number and press ●.

3 Press ⊙ or ⊙ to highlight "Alarm tone" and press ●.

4 Press ⊙ or ⊙ to highlight "Tone" and press ●.

5 Press ⊙ or ⊙ to highlight "My sounds," "My music" or "T-Mobile" and press ●.
The files in "T-Mobile" are preset data.

6 Press ●.

- *You can set vibration with the alarm tone. Press ⊙ or ⊙ to highlight "Vibration" in step 4, and select from "Enable," "Disable" and "Link to sound."*
- *You can set the duration of the alarm. Press ⊙ or ⊙ to highlight "Duration" in step 4, enter the duration in 2 digit numbers (02 to 59 seconds) by using the digit keys and press ●.*

Setting the Alarm to Ring at the Same Time Everyday

1. At the main menu, select in the following order: “Organiser” → “Alarm” → “List alarms.”
2. Press ⓢ or ⓠ to highlight the desired alarm number and press ◯.
3. Press ⓢ or ⓠ to highlight “Repeat daily” and press ◯.
4. Press ⓢ or ⓠ to highlight “On” or “Off” and press ◯.

Setting the Snooze

1. At the main menu, select in the following order: “Organiser” → “Alarm” → “List alarms.”
2. Press ⓢ or ⓠ to highlight the desired alarm number and press ◯.
3. Press ⓢ or ⓠ to highlight “Snooze” and press ◯.
4. Press ⓢ or ⓠ to highlight “On” or “Off” and press ◯.
   If you select “On,” you can set the snooze interval (5, 10, 15, 20, 30 minutes) and the repeat count (1, 2, 3).

When the snooze is on, the alarm will ring repeatedly as set even if the alarm is stopped.

Resetting an Alarm Setting

1. At the main menu, select in the following order: “Organiser” → “Alarm” → “List alarms.”
2. Press ⓢ or ⓠ to highlight the alarm you wish to reset and press ◯.
3. Press ⓢ or ⓠ to highlight “Reset alarm” and press ◯.
4. Press ⊖ [Yes].
   If you wish to cancel, press ⊖ [No] in this step.

Resetting All Alarm Settings

1. At the main menu, select in the following order: “Organiser” → “Alarm” → “Clear all.”
2. Press ⊖ [Yes].
   If you wish to cancel, press ⊖ [No] in this step.

Using the Calculator

You can use the calculator function on the handset for basic arithmetic calculations and rate conversions using up to 12 digits.

1 Press ◯.
The main menu appears.

2 Press ⏱, ⏲, ⊖ or ⊕ to highlight “Organiser” and press ◯.

3 Press ⏱ or ⏲ to highlight “Calculator” and press ◯.
The “Calculator” appears.
The table below shows you the key assignment of the handset’s keypad when using the calculator (Also refer to the display).

Key	Function
◯	=
⊖	%
⏱	×
⏲	÷
⊖	+
⊕	–
#	enter a decimal point
⊖ [Clear]	Clear
*	switch between negative and positive

Converting Currency

You can also use the calculator for currency conversion. You can convert to or from the home currency by entering the exchange rate.

To set a currency conversion rate

1 At the main menu, select in the following order: “Organiser” → “Calculator.”

2 Press ⊖ [Options].
The “Options” menu appears.

3 Press ⏱ or ⏲ to highlight “Exchange rate” and press ◯.

4 Press ⏱ or ⏲ to highlight “Foreign → Domestic” or “Domestic → Foreign” and press ◯.

5 Enter the currency conversion rate and press ◯.
To delete all digits, press ⊖ [Clear].

To convert a value

1 At the main menu, select in the following order: “Organiser” → “Calculator.”

2 Enter the value to be converted and press ⊖ [Options].
The “Options” menu appears.

3 Press ⊙ or ⊙ to highlight “In domestic” or “In foreign” and press ◯.
The result appears.

You cannot perform step 4 if an arithmetic symbol (+, –, × or ÷) appears.

Using Memo Recording

The “Memo recording” function enables you to record a voice memo of up to 60 seconds. Also, you can send the recorded voice memo as attachments to an MMS or E-mail message.

The recorded voice memos are saved in “My sounds.”

Recording a Memo

1 Press ◯.
The main menu appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to highlight “Organiser” and press ◯.

3 Press ⊙ or ⊙ to highlight “Memo recording” and press ◯.
The “Memo recording” screen appears.

4 Press ◯.
Recording starts.
To stop while recording (the maximum recording time is 60 seconds), press ◯ again.

5 Press ⊙ or ⊙ to highlight “Save” to save the voice memos and press ◯.

- *Press # while the main menu is shown instead of steps 2 to 3 to enter the “Memo recording” function.*
- *If you wish to record the voice memo again, press ⊖ [Cancel] in step 5. The screen will return to step 4.*

To save the voice memos to the memory card

1 At the main menu, select in the following order: “Organiser” → “Memo recording.”

2 Press ⊖ [Options].
The “Options” menu appears.

3 Press ⊙ or ⊙ to highlight “Save to…” and press ◯.

4 Press ⊙ or ⊙ to highlight “Memory card” and press ◯.

Playing Back the Saved Voice Memo

The saved memos are in “My sounds.”

1 At the main menu, select in the following order:
“My Media” → “Sounds” → “My sounds.”
For information on how to playback a saved memo, refer to “Playing Back Sounds” on page 12-97.

Using the Phone Help

You can view the help list and use it to guide you with the phone’s functions.

1 Press .
The main menu appears.

2 Press , , or to highlight “Organiser” and press .

3 Press or to select “Phone help” and press .
The help list appears.

4 Press or to highlight the function you wish to view.
When you have finished using the help, press [Back].

Using the Call History

If you do not answer an incoming call, the handset records that the call was missed. “Missed calls” and the number of missed calls appears on the standby screen. The handset records the last 10 missed calls, received calls and dialled numbers. (Number of dialled numbers recorded depends on the SIM card you use.) Using the “Call Register,” you can have various useful functions such as redialling, sending messages, creating the contacts list, and you can also check the call duration.

You can also access each log type in the call register using the following key operations while the handset is in standby mode.

⊖: Dialled numbers
⊖ **then** ⊙: Missed calls
⊖ **then** ⊙: Received calls

The logs in the call register are listed in chronological order. The name (if registered in the “Contacts list”) or number of the party also appears.

Calling from the Call Log

1 Press ◎.
The main menu appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to highlight “Call Register” and press ◎.
The “Call Register” menu appears.

3 Press ⊙ or ⊙ to highlight “Missed calls,” “Received calls” or “Dialled numbers” and press ◎.

4 Press ⊙ or ⊙ to highlight the name or number you wish to call and press ⊖.

If you press ◎ instead of ⊖ in step 4, you can check the caller’s name and number. (To display the caller’s name, you should register the caller’s name in the “Contacts list” beforehand.) To call, press ⊖ [Options] and select “Call.”

Sending Messages from the Call Log

1. At the main menu, select “Call Register.”
2. Press ⏱ or ⏲ to highlight “Missed calls,” “Received calls” or “Dialled numbers” and press ◯.
3. Press ⏱ or ⏲ to highlight the number you wish to send messages to and press ⊖ [Options].
   The “Options” menu appears.
4. Press ⏱ or ⏲ to highlight “Send message” and press ◯.
5. Press ⏱ or ⏲ to highlight “via SMS” or “via MMS” and press ◯.
   The text entry screen appears.
6. Enter your message.
   For information on how to enter text, refer to “Entering Text” on page 8-51.

Saving a Call Log to the Contacts List

1. At the main menu, select “Call Register.”
2. Press ⏱ or ⏲ to highlight “Missed calls,” “Received calls” or “Dialled numbers” and press ◯.
3. Press ⏱ or ⏲ to highlight the number you wish to save and press ⊖ [Options].
   The “Options” menu appears.
4. Press ⏱ or ⏲ to highlight “Save to Contacts” and press ◯.
   The handset saves the call log in the “Contacts list.” For information on the “Contacts list,” refer to “Using the Contacts List” on page 9-54.

If you press ◯ instead of ⊖ [Options] in step 3, you can check the caller’s name and number. (To display the caller’s name, you should register the caller’s name into the “Contacts list” beforehand.) To save the call log, press ⊖ [Options] and select “Save to Contacts.” The text entry screen appears. The handset saves the call log in the “Contacts list.”

Deleting a Call Log

1. At the main menu, select “Call Register.”
2. Press ⓢ or ⓣ to highlight “Missed calls,” “Received calls” or “Dialled numbers” and press ◯.
3. Press ⓢ or ⓣ to highlight the number you wish to delete and press ⊖ [Options].
   The “Options” menu appears.
4. Press ⓢ or ⓣ to highlight “Delete” and press ◯.
5. Press ⊖ [Yes].
   The call log selected in step 3 is deleted.
   If you wish to cancel deleting, press ⊖ [No] in this step.

If you press ◯ instead of ⊖ [Options] in step 3, you can check the caller’s name and number. (To display the caller’s name, you should register the caller’s name in the “Contacts list” beforehand.) To delete the call log, press ⊖ [Options] and select “Delete.” The handset deletes the call log.

Clearing Call Logs

1. At the main menu, select “Call Register.”
2. Press ⓢ or ⓣ to highlight “Missed calls,” “Received calls” or “Dialled numbers” and press ⊖ [Options].
   The “Options” menu appears.
3. Press ⓢ or ⓣ to highlight “Clear missed calls” (“Clear received calls” or “Clear dialled numbers”) and press ◯.
4. Press ⊖ [Yes].
   The call log selected in step 3 is cleared.
   If you wish to cancel, press ⊖ [No] in this step.

If you wish to delete all call logs, in each call register, select “Clear all logs” in step 3.

Once you delete a call log, it cannot be restored.

Checking the Duration of Calls

You can check the duration of your calls.

Checking the Duration of the Last Call

1 At the main menu, select “Call Register.”

2 Press ⏱ or ⏲ to highlight “Call timers” and press ◯.

3 Press ⏱ or ⏲ to highlight “Last call” and press ◯.
The duration of the last call appears.

Checking the Total Call Time Log

1 At the main menu, select “Call Register.”

2 Press ⏱ or ⏲ to highlight “Call timers” and press ◯.

3 Press ⏱ or ⏲ to highlight “All calls” and press ◯.
The total duration of all calls appears.

- *To reset the call timer, select “Clear timers” in step 3. Once you reset timer, it cannot be restored.*
- *Once you delete the duration of the last call and total call time log, they cannot be restored.*

Checking the Cost of Calls

You can check the phone charge for your calls.

Checking and Setting the Charge Rate

1 Press ◯.
The main menu appears.

2 Press ⏱, ⏲, ⊖ or ⊖ to highlight “Call Register” and press ◯.

3 Press ⏱ or ⏲ to highlight “Call costs” and press ◯.

4 Press ⏱ or ⏲ to highlight “Units cost” and press ◯.

5 Press ⏱ or ⏲ to highlight “Read units” and press ◯.
The current charge rate appears. To change the current charge rate, press ⊖ [Back] and follow the next steps.

6 Press ⏱ or ⏲ to highlight “Set units” and press ◯.

7 Enter your PIN2 code and press ◯.

8 Enter a cost per unit and press ◯.
To enter a decimal point, press [# ⊡].

9 Enter a currency unit (up to 3 characters), and press ◯.

Some networks do not support Charging Advice. Please check with your service provider for availability.

Checking the Cost of the Last Call or Total Calls

1 At the main menu, select in the following order: “Call Register” → “Call costs.”

2 Press ⏱ or ⏲ to highlight “Last call” and press ◯.
The cost of the last call appears.

- *If you wish to check the cost of total calls, select “All calls” in step 2.*
- *To reset the call costs, select “Clear costs” in step 2. Once you reset the call cost logs, it cannot be restored.*

Setting the Charge Limit

If you wish to make sure that you do not exceed a certain limit, set this function.

1 At the main menu, select in the following order: “Call Register” → “Call costs.”

2 Press ⏱ or ⏲ to highlight “Max cost” and press ◯.

3 Press ⏱ or ⏲ to highlight “Set limit” and press ◯.

4 Enter your PIN2 code and press ◯.

5 Enter a cost per unit and press ◯.
To enter a decimal point, press [# ⊡].

- *If you wish to check the current charge limit, select “Read limit” in step 3.*
- *If you wish to check the remaining credit, select “Residual credit” in step 2.*

Checking the Amount of Data Communication

You can confirm the number of bytes which you used in data communication by using the “Data counter” function.

Checking the Data Counter

1 Press ◯.
The main menu appears.

2 Press ⏱, ⏲, ⊖ or ⊙ to highlight “Call Register” and press ◯.

3 Press ⏱ or ⏲ to highlight “Data counter” and press ◯.

4 Press ⏱ or ⏲ to highlight “Last data” and press ◯.
The amount of data in the last data communication is displayed in “bytes.”

- *If you wish to check the total data communication used, select “All data” in step 4.*
- *To reset the data counter, select “Clear data” in step 4. Once you reset the counter, it cannot be restored.*

Setting the Handset

Setting the Display Language

You can change the language of menus and messages.

1. Press ◯.
   The main menu appears.
2. Press ⏱, ⏲, ⊖ or ⊕ to highlight “Settings” and press ◯.
3. Press ⏱ or ⏲ to highlight “Phone settings” and press ◯.
4. Press ⏱ or ⏲ to highlight “Language” and press ◯.
5. Press ⏱ or ⏲ to highlight the language you wish to display and press ◯.

You can select the input language on the text entry screen. For information on how to enter text, refer to “Entering Text” on page 8-51.

Setting the Main Display

You can change the settings of the main display such as “Wallpaper,” “Backlight,” “Wallpaper calendar,” “Brightness,” “Power saving,” “Greeting message” and “Assign pictures.”

1. Press ◯.
   The main menu appears.
2. Press ⏱, ⏲, ⊖ or ⊕ to highlight “Settings” and press ◯.
3. Press ⏱ or ⏲ to highlight “Phone settings” and press ◯.
4. Press ⏱ or ⏲ to highlight “Main display” and press ◯.
   The “Main display” menu appears.

Setting the Wallpaper

To set the built-in wallpaper

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."

2 Press ⊙ or ⊙ to highlight "Wallpaper" and press ●.

3 Press ⊙ or ⊙ to highlight "T-Mobile" and press ●.
You can also choose "My photos" or "My pictures."

You can also select animated wallpaper. However, if you do not operate the handset for about 30 seconds (depending on the selected wallpaper), the animation wallpaper you selected appears as a still picture.

To cancel the Wallpaper setting, select "Off" in step 3.

To set a picture you saved as wallpaper

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."

2 Press ⊙ or ⊙ to highlight "Wallpaper" and press ●.

3 Press ⊙ or ⊙ to highlight "My photos" or "My pictures" and press ●.
The thumbnail index for "My photos" or "My pictures" appears.

4 Press ⊙, ⊙, ⊙ or ⊙ to highlight the picture you wish to display and press ●.
The selected picture appears.

5 Press ●.
The selected picture appears on the standby screen.

- *Some pictures cannot be used because of their data types.*
- *You cannot choose files in the memory card for the wallpaper.*

To display Wallpaper Calendar

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."

2 Press ⊙ or ⊙ to highlight "Wallpaper calendar" and press ●.

3 Press ⊙ or ⊙ to highlight "On" and press ●.
The 2-month calendar appears as the wallpaper on the Display.
If you do not wish to display the wallpaper calendar, select "Off" in this step.

Turning On/Off the Backlight

The illumination time for the display and keypad backlight can be set.

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."

2 Press ⊙ or ⊙ to highlight "Backlight" and press ●.

3 Press ⊙ or ⊙ to highlight "On/Off" and press ●.

4 Press ⊙ or ⊙ to highlight selection and press ●.
When selecting "On," enter the duration of the backlight using 2 digit numbers (01-99 sec.) and press ●.

To adjust the Backlight Brightness

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."

2 Press ⊙ or ⊙ to highlight "Brightness" and press ●.

3 Press ⊙ (brighter) or ⊙ (darker) to adjust the brightness and press ●.
The brightness changes in 4 steps.

To turn On/Off the backlight while charging with the car charger

With this setting on, the handset's backlight is lit when the car charger is connected.

3 After step 2 of "Turning On/Off the Backlight," press ⊙ or ⊙ to highlight "In car" and press ●.

4 Press ⊙ or ⊙ to highlight "On" and press ●.

Setting Display Power Saving

You can set the display to turn off after a given time.

1. At the main menu, select in the following order: “Settings” → “Phone settings” → “Main display.”
2. Press ⏱ or ⏲ to highlight “Power saving” and press ◯.
3. Press ⏱ or ⏲ to highlight “On” or “Off” and press ◯.
4. If you select “On,” enter the time before display power saving takes effect in two-digit numbers and press ◯.

Power consumption can be reduced by decreasing the set time.

To cancel the display power saving function

Display power saving continues until either a key is pressed or an incoming call is received. Press a key once to cancel the display saving function, then you can input any numerical or text value.

Setting the Greeting Message

You can set a message to appear when the handset is turned on.

1. At the main menu, select in the following order: “Settings” → “Phone settings” → “Main display.”
2. Press ⏱ or ⏲ to highlight “Greeting message” and press ◯.
3. Press ⏱ or ⏲ to highlight “On” and press ◯.
4. Enter the message you wish to display and press ◯.
   Up to 16 characters can be entered as a message. For information on how to enter text, refer to “Entering Text” on page 8-51.

To cancel the greeting message setting, select “Off” in step 3.

Assigning Pictures

A selected picture appears when turning the power on or off, receiving an incoming call or operating the alarms. Pictures taken with the built-in digital camera or images downloaded via a browser can be set.

1. At the main menu, select in the following order: "Settings" → "Phone settings" → "Main display."
2. Press ⊙ or ⊙ to highlight "Assign pictures" and press ●.
3. Press ⊙ or ⊙ to select when you want to display the animation or a picture from the following choices.
   When turning the power on or off:
   Highlight "Power on" or "Power off" and press ●.
   When receiving an incoming call:
   Highlight "Incoming" and press ●.
   When operating the alarm:
   Highlight "Alarm" and press ●.

To set preloaded animations

4. After step 3, press ⊙ or ⊙ to highlight "T-Mobile."

To set a picture from "My photos" or "My pictures"

4. After step 3, press ⊙ or ⊙ to highlight "My photos" or "My pictures" and press ●.
   The thumbnail index for "My pictures," "My photos" or the current picture appears. If you need to change the picture, press ⊖ [Change].
5. Press ⊙, ⊙, ⊙ or ⊙ to highlight the picture you wish to display and press ● to set.

Setting the External Display

You can change the settings of the external display in the same way as the main display.

1. Press ●.
   The main menu appears.
2. Press ⊙, ⊙, ⊙ or ⊙ to highlight "Settings" and press ●.
3. Press ⊙ or ⊙ to highlight "Phone settings" and press ●.
4. Press ⊙ or ⊙ to highlight "External display" and press ●.
   The "External display" menu appears.

Setting the Wallpaper

To set the built-in wallpaper

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."

2 Press ⊙ or ⊙ to highlight "Wallpaper" and press ●.

3 Press ⊙ or ⊙ to highlight "T-Mobile" and press ●.
You can also choose "My photos" or "My pictures."

To cancel the Wallpaper setting, select "Off" in step 3.

To set a picture you saved as wallpaper

1 At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."

2 Press ⊙ or ⊙ to highlight "Wallpaper" and press ●.

3 Press ⊙ or ⊙ to highlight "My photos" or "My pictures" and press ●.
The thumbnail index for "My photos" or "My pictures" appears.

4 Press ⊙, ⊙, ⊙ or ⊙ to highlight the picture you wish to display and press ●.
The selected picture appears.

5 Press ⊙, ⊙, ⊙ or ⊙ to select the cropping area and press ●.
The picture is cropped for the size of the external display and the picture you have selected is set as the wallpaper for the external display.

- *The original picture saved in the handset or the memory card is not modified even after cropping in step 5.*
- *Some pictures cannot be used depending on their data types.*
- *You cannot choose files in the memory card for the wallpaper.*

Turning On/Off the Backlight

You can turn the backlight of the external display on or off when the handset is closed.

1. At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."
2. Press ⊙ or ⊙ to highlight "Backlight" and press ◯.
3. Press ⊙ or ⊙ to highlight selection and press ◯.
   When selecting "On," enter the duration of the backlight using two-digit numbers and press ◯.

To adjust the Contrast

1. At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."
2. Press ⊙ or ⊙ to highlight "Contrast" and press ◯.
3. Press ⊙ (higher) or ⊙ (lower) to adjust the contrast and press ◯.
   The contrast changes in 9 steps.

Setting the Incoming Pictures

You can set the picture displayed when receiving an incoming call for the external display.

1. At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."
2. Press ⊙ or ⊙ to highlight "Incoming picture" and press ◯.
3. Press ⊙ or ⊙ to highlight "Picture 1," "Picture 2" or "Picture 3" and press ◯.

Setting the Display Clock

Various clocks can be displayed in the external display.

1. At the main menu, select in the following order: "Settings" → "Phone settings" → "External display."
2. Press ⊙ or ⊙ to highlight "Display clock" and press ◯.
3. Press ⊙ or ⊙ to select a clock and press ◯.

If you wish to view the clock before setting, press ⊖ [Options] to display the "Options" menu and select "View." The selected clock is displayed.

Setting the Icon Display On/Off

The icon indications can be set on or off in the external display.

1. At the main menu, select in the following order: “Settings” → “Phone settings” → “External display.”
2. Press ⏱ or ⏲ to highlight “Icon indication” and press ◯.
3. Press ⏱ or ⏲ to highlight “On” or “Off” and press ◯.

Turning the Display On/Off

You can turn the external display on or off when the handset is closed.

1. At the main menu, select in the following order: “Settings” → “Phone settings” → “External display.”
2. Press ⏱ or ⏲ to highlight “Display On/Off” and press ◯.
3. Press ⏱ or ⏲ to highlight “On” or “Off” and press ◯.

Resetting the Phone Setting

You can reset all options of the “Phone setting” to the default settings.

To cancel the settings, you need to set the handset code beforehand or refer to page 15-154 for details.

1. Press ◯.
   The main menu appears.
2. Press ⏱, ⏲, ⊖ or ⊙ to highlight “Settings” and press ◯.
3. Press ⏱ or ⏲ to highlight “Phone settings” and press ◯.
4. Press ⏱ or ⏲ to highlight “Set to default” and press ◯.
5. Enter your handset code and press ◯.
6. Press ⊖ [Yes].
   To cancel, press ⊖ [No] in this step.

If you enter a wrong handset code in step 5, the operation is cancelled.

Setting the Profiles

This section describes the settings for sound such as ringtone, keypad tones, etc. These are six profiles with separate settings that can be set to suit every occasion. When a profile is set, the icon corresponding to the profile name appears in the standby screen.

T-Mobile : Default settings.

My profile : Default settings which can be changed.

Conference : Set when in a meeting or discretion is needed.

Activity : Set when in a noisy situation.

In car : Set when driving (connected to hands free EARphone & MIC).

Silent : Set when you need to be silent. All sounds except camera shutter are muted and you are alerted to calls with the vibration.

1 Press ◯.
The main menu appears.

2 Press ⊙, ⊙, ⊙ or ⊙ to highlight “Settings” and press ◯.

3 Press ⊙ or ⊙ to highlight “Profiles” and press ◯.
The “Profiles” menu appears.

4 Press ⊙ or ⊙ to highlight the profile you wish to set, press ⊖ [Options].

5 Press ⊙ or ⊙ to highlight “Personalise” and press ◯.
After this step, follow the appropriate instructions.

After changing the settings, press ⊖ [Save].

- *If you wish to set the “Silent” profile, press and hold # for approximately 2 seconds while in the standby mode.*
- *You can display profiles by pressing ⊙ while in the standby mode.*

Setting the Ringer Volume

You can adjust the ringer volume to one of 5 levels or a step tone. When “Silent” is selected, the ringer volume and the application volume are also muted.

1 At the main menu, select in the following order: “Settings” → “Profiles” → the profile you wish to set and press ⊖ [Options] → “Personalise.”

2 Press ⊙ or ⊙ to highlight “Ringer volume” and press ◯.
The current volume level appears.

3 Press ⊙ or ⊙ to select the volume level from one of five levels, "Step tone" or "Silent" and press ◯.

Setting a Melody as the Ringtone

You can select preset data for use as ringtones, sound effects, melodies, etc. You can also select data in "Sounds" or "Music" for the default ringtone excluding the ones in AMR/WAVE format.

- *You cannot set melodies for the "T-Mobile" profile.*
- *You cannot choose sound files in the memory card for ringtones.*

1 At the main menu, select in the following order: "Settings" → "Profiles" → the profile you wish to set and press ⊖ [Options] → "Personalise."

2 Press ⊙ or ⊙ to highlight "Assign melody" and press ◯.

3 Press ⊙ or ⊙ to highlight "My sounds," "My Music" or "T-Mobile" and press ◯.
The files in "T-Mobile" are preset data.

4 Press ⊙ or ⊙ to highlight the ringtone you wish to set.
If you wish to listen to the ringtone you selected, press ◯.
To stop, press ⊖ [Stop].

5 Press ⊖ [Select].

Setting the Vibration

You can set the vibration for incoming calls regardless of the ringer volume and tone settings.

1 At the main menu, select in the following order: "Settings" → "Profiles" → the profile you wish to set and press ⊖ [Options] → "Personalise."

2 Press ⊙ or ⊙ to highlight "Vibration" and press ◯.

3 Press ⊙ or ⊙ to highlight "Enable," "Disable" or "Link to sound" and press ◯.

- *When "Link to sound" is selected in step 3, melodies are synchronised with the vibration for the ringtone. However, this function may not work depending on the melody.*
- *When you select "Enable" or "Link to sound" in step 3, "📳" is displayed on the standby screen.*

Setting the Keypad Tones

You can set and change the tone of the keypad sound that you hear each time you press a key. In the following settings, you can select the volume level, the melody to be used, and the duration.

You cannot choose sound files in the memory card for the keypad tones.

1. At the main menu, select in the following order: "Settings" → "Profiles" → the profile you wish to set and press ⊖ [Options] → "Personalise."
2. Press ⓘ or ⓖ to highlight "Keypad tones" and press ◯.
3. Press ⓘ or ⓖ to highlight "On" or "Off" and press ◯.
   If you select "Off," the screen returns to step 1.
   If you select "On," follow the next steps.
4. Press ⓘ or ⓖ to highlight "Volume" and press ◯.
5. Press ⓘ or ⓖ to highlight "High," "Middle" or "Low" to adjust the volume and press ◯.
6. Press ⓘ or ⓖ to highlight "Tone" and press ◯.
   If you select "T-Mobile" as a profile, you cannot select "Tone."
7. Press ⓘ or ⓖ to highlight "My sounds," "My music" or "Default tone" and press ◯.
8. Select the keypad tones and press ⊖ [Select].
   For information on how to select tones, refer to "Setting a Melody as the Ringtone" on page 15-137.
9. Press ⓘ or ⓖ to highlight "Duration" and press ◯.
10. Press ⓘ or ⓖ to select the desired duration and press ◯.

Setting the Warning Tone

You can set and change the warning tone that you hear when an error occurs. In the following settings, you can select the volume level, the melody to be used, and the duration.

You cannot choose sound files in the memory card for the warning tones.

1. At the main menu, select in the following order: "Settings" → "Profiles" → the profile you wish to set and press ⊖ [Options] → "Personalise."
2. Press ⓘ or ⓖ to highlight "Warning tone" and press ◯.

3 Press ⊙ or ⊙ to highlight “On” or “Off” and press ◯.
If you select “Off,” the screen returns to step 1.
If you select “On,” follow the next steps.

4 Press ⊙ or ⊙ to highlight “Volume” and press ◯.

5 Press ⊙ or ⊙ to highlight “High,” “Middle” or “Low” and press ◯.

6 Press ⊙ or ⊙ to highlight “Tone” and press ◯.
If you select “T-Mobile” as a profile, you cannot select “Tone.”

7 Press ⊙ or ⊙ to highlight “My sounds,” “My music” or “T-Mobile” and press ◯.
The files in “T-Mobile” are preset data.

8 Select the warning tone and press ⊖ [Select].
For information on how to select tones, refer to “Setting a Melody as the Ringtone” on page 15-137.

9 Press ⊙ or ⊙ to highlight “Duration” and press ◯.

10 Press ⊙ or ⊙ to select the desired duration and press ◯.

Setting the Power On/Off Sound

You can set and change the power on/off sound that you hear when the handset is turned on or off. In the following settings you can select the volume level, the melody to be used, and the duration.

You cannot choose sound files in the memory card for the power on/off sounds.

1 At the main menu, select in the following order: “Settings” → “Profiles” → the profile you wish to set and press ⊖ [Options] → “Personalise.”

2 Press ⊙ or ⊙ to highlight “Power on sound” or “Power off sound” and press ◯.

3 Press ⊙ or ⊙ to highlight “On” or “Off” and press ◯.
If you select “Off,” the screen returns to step 1.
If you select “On,” follow the next steps.

4 Press ⊙ or ⊙ to highlight “Volume” and press ◯.

5 Press ⊙ or ⊙ to select the volume level from one of 5 levels and press ◯.

6 Press ⊙ or ⊙ to highlight "Sound" and press ◯.
If you select "T-Mobile" as a profile, you cannot select "Sound."

7 Press ⊙ or ⊙ to highlight "My sounds," "My music" or "T-Mobile" and press ◯.
The files in "T-Mobile" are preset data.

8 Select the power on/off sound and press ⊖ [Select].
For details on selecting a tone, refer to "Setting a Melody as the Ringtone" on page 15-137.

9 Press ⊙ or ⊙ to highlight "Duration" and press ◯.
The message "How many seconds?" appears.

10 Enter a two-digit number to define the duration and press ◯.

Setting the Message Alert

You can set and change the message alert sound that you hear when receiving messages. In the following settings you can select the volume level, the melody to be used, and the duration.

You cannot choose sound files in the memory card for the message alert.

1 At the main menu, select in the following order: "Settings" → "Profiles" → the profile you wish to set and press ⊖ [Options] → "Personalise."

2 Press ⊙ or ⊙ to highlight "Message alert" and press ◯.

3 Press ⊙ or ⊙ to highlight "Messages" or "WAP" and press ◯.
After selecting "Messages" or "WAP," you will be led through the same settings. Just continue to the next steps.

4 Press ⊙ or ⊙ to highlight "Volume" and press ◯.

5 Press ⊙ or ⊙ to select the volume level from one of five levels, "Step tone" or "Silent" and press ◯.

6 Press ⊙ or ⊙ to highlight "Sound" and press ◯.
If you select "T-Mobile" as a profile, you cannot select "Sound."

7 Press ⊙ or ⊙ to highlight "My sounds," "My music" or "T-Mobile" and press ◯.
The files in "T-Mobile" are preset data.

8 Select the message alert sound and press ⊖ [Select].
For information on selecting tones, refer to “Setting a Melody as the Ringtone” on page 15-137.

9 Press ⏱ or ⏲ to highlight “Vibration” and press ◯.

10 Press ⏱ or ⏲ to highlight “Enable,” “Disable” or “Link to sound” and press ◯.

11 Press ⏱ or ⏲ to highlight “Duration” and press ◯.
The message “How many seconds?” appears.

12 Enter a two-digit number to define the duration and press ◯.

Setting the Java™ Application

You can adjust the Java™ application volume. When “Silent” is selected, the application volume is muted.

1 At the main menu, select in the following order: “Settings” → “Profiles” → the profile you wish to set and press ⊖ [Options] → “Personalise.”

2 Press ⏱ or ⏲ to highlight “Java™” and press ◯.

3 Press ⏱ or ⏲ to highlight “Volume” and press ◯.
The current volume level appears.

4 Press ⏱ or ⏲ to select the volume level from one of five levels or “Silent” and press ◯.

5 Press ⏱ or ⏲ to highlight “Vibration” and press ◯.

6 Press ⏱ or ⏲ to highlight “On” or “Off” and press ◯.

Setting the Low Battery Alert

You can set and adjust the low battery alert volume you hear when the battery becomes empty.

1 At the main menu, select in the following order: “Settings” → “Profiles” → the profile you wish to set and press ⊖ [Options] → “Personalise.”

2 Press ⏱ or ⏲ to highlight “Low battery alert” and press ◯.
Press ⏱ or ⏲ to highlight “High,” “Low” or “Silent” to adjust the volume and press ◯.

Setting Any Key Answer

You can set the any key answer function so that you can answer a call by pressing any key except ⊜ or ⊖ [Busy].

1. At the main menu, select in the following order: “Settings” → “Profiles” → the profile you wish to set and press ⊖ [Options] → “Personalise.”
2. Press ⏱ or ⏲ to highlight “Any key answer” and press ◯.
3. Press ⏱ or ⏲ to highlight “On” or “Off” and press ◯.

Setting the Automatic Answer

The automatic answer function allows you to answer calls automatically when the handset is connected to Bluetooth headset. You can select the desired time until your handset answers.

1. At the main menu, select in the following order: “Settings” → “Profiles” → “In car” and press ⊖ [Options] → “Personalise.”
2. Press ⏱ or ⏲ to highlight “Automatic answer” and press ◯.
3. Press ⏱ or ⏲ to highlight “On” or “Off” and press ◯.
   If you select “On,” select the time span (5, 10, 15, 20 sec) before the handset automatically connects the call.

For information on “Bluetooth,” refer to “Setting Bluetooth Connection” on page 15-150.

Resetting the Profiles Setting

You can reset all the profiles settings that you have set to the default settings.

To cancel the settings, you need to set the handset code beforehand or refer to page 15-154 for details.

1. At the main menu, select in the following order: “Settings” → “Profiles” → the profile you wish to reset and press ⊖ [Options] → “Set to default.”
2. Enter your handset code and press ◯.
3. Press ⊖ [Yes].
   To cancel, press ⊖ [No] in this step.

If you enter a wrong handset code in step 2, the operation is cancelled.

Initialising and Checking Memory Card

You can initialise your memory card and check the status. To initialise the memory card, you need to set the handset code.

To initialise the memory card

1. At the main menu, select in the following order: "Settings" → "Memory card."
2. Press ⏲ or ⏳ to highlight "Format" and press ◯.
3. Enter your handset code and press ◯.
4. Press ⊖ [Yes].
   To cancel, press ⊖ [No] in this step.

To check the memory card status

1. At the main menu, select in the following order: "Settings" → "Memory card."
2. Press ⏲ or ⏳ to highlight "Memory card details" and press ◯.
3. You can now check the status of the memory card. After checking the status, press ⊖ [Back].

Call Settings

This section describes the settings for call functions such as call waiting, adjusting earpiece volume, etc. that are related directly to calling or receiving operations.

Activating the Call Waiting Service

Activating this service enables you to talk to a new caller while you are in the middle of another call. After activating this service, a beep tone notifies you of the second call. For information on how to use this function, refer to "Call Waiting" on page 6-34.

1. Press ◯.
   The main menu appears.
2. Press ⏲, ⏳, ⊖ or ⊕ to highlight "Settings" and press ◯.
3. Press ⏲ or ⏳ to highlight "Connectivity" and press ◯.
4. Press ⏲ or ⏳ to highlight "Call settings" and press ◯.
   The "Call settings" menu appears.
5. Press ⏲ or ⏳ to highlight "Call waiting" and press ◯.
6. Press ⏲ or ⏳ to highlight "On" to activate or "Off" to cancel the service and press ◯.

The call waiting service may not be available on all service providers. Contact your service provider for more information.

To check the call waiting service status

If you select "Status" in step 6 and press ◯, you can check the status of the call waiting service. After checking the status, press ⊖ [Back].

Displaying the Call Timers

Activating this function lets you check the duration of your call. For information on how to use this function, refer to "Checking the Duration of Calls" on page 14-125.

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."
2. Press ⓢ or ⓣ to highlight "Display call timers" and press ◯.
3. Press ⓢ or ⓣ to highlight "On" to activate or "Off" to cancel the function and press ◯.

Displaying Your Own Number

Activating this function lets you control whether or not to show your phone number to the party you are calling.

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."
2. Press ⓢ or ⓣ to highlight "Show your number" and press ◯.
3. Press ⓢ or ⓣ to highlight "On," "Off" or "Status" and press ◯.

This service may not be available on all service providers. Contact your service provider for more information.

To check whether the show your number function is active or not

If you select "Status" in step 3 and press ◯, you can check the status. After checking the status, press ◯.

Adjusting the Earpiece Volume

You can adjust the earpiece volume to one of five levels.

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."
2. Press ⊙ or ⊙ to highlight "Earpiece volume" and press ●.
3. Press ⊙ or ⊙ to select the volume level from one of five levels and press ●.

You can also adjust the Hands free EARphone & MIC volume, if connected.

Activating the Picture Call

The image registered to the caller in the contacts list is displayed when receiving a call.

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."
2. Press ⊙ or ⊙ to highlight "Picture call" and press ●.
3. Press ⊙ or ⊙ to highlight "On" or "Off" and press ●.

Activating Auto Redial

This function makes the redial automatic when the first redial attempt is unsuccessful. If you wish to stop redialling, press ⊜ or ⊖ [End].

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."
2. Press ⊙ or ⊙ to highlight "Auto redial" and press ●.
3. Press ⊙ or ⊙ to highlight "On" or "Off" and press ●.

- *When you receive an incoming call, the auto redial function is interrupted.*
- *Automatic redialling is not available for fax and data calls.*

Activating the Minute Minder

This function informs you of the call duration by sounding a tone after every minute.

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."
2. Press ⊙ or ⊙ to highlight "Minute minder" and press ●.
3. Press ⊙ or ⊙ to highlight "On" to activate or "Off" to cancel the function and press ●.

Settings for Flipping the Handset Closed

You can reject an incoming call, send a busy tone or terminate a call by flipping the handset closed. For information on how to use this function, refer to "Rejecting an Incoming Call" on page 6-33.

1 At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."

2 Press ⊙ or ⊙ to highlight "Flip close" and press ◯.

3 Press ⊙ or ⊙ to highlight "Incoming call" or "During call" and press ◯.
When selecting "Incoming call":
Press ⊙ or ⊙ to highlight "Reject" to reject an incoming call, "Busy" to send a busy tone or "No action" and press ◯.
When selecting "During call":
Press ⊙ or ⊙ to highlight "Terminate" to terminate the call or "No action" and press ◯.

Resetting the Call Settings

You can reset all "Call settings" you have set to the default settings.

To cancel the settings, you need to have set the handset code beforehand or refer to page 15-154 for details.

1 At the main menu, select in the following order: "Settings" → "Connectivity" → "Call settings."

2 Press ⊙ or ⊙ to highlight "Set to default" and press ◯.

3 Enter your handset code and press ◯.
"Are you sure?" appears.

4 Press ⊖ [Yes].
To cancel, press ⊖ [No] in this step.

If you enter a wrong handset code in step 3, the operation is cancelled.

Call Forwarding

This service is used to forward incoming calls to your voice mail system or to another number depending on certain conditions in which you cannot answer a call.

Activating Call Forwarding

1 Press ◯.
The main menu appears.

2 Press ⏱, ⏲, ⊖ or ⊖ to highlight “Settings” and press ◯.

3 Press ⏱ or ⏲ to highlight “Connectivity” and press ◯.

4 Press ⏱ or ⏲ to highlight “Call diverts” and press ◯.

5 Press ⏱ or ⏲ to highlight one of the forwarding options and press ◯.
The forwarding options available are:

“All calls”:	Forwards all voice calls without ringing.
“When busy”:	Forwards incoming calls when you are in a call.
“No answer”:	Forwards incoming calls if you do not answer a call within a certain period of time.
“Not reachable”:	Forwards incoming calls when your handset is out of network service or is switched off.

6 Press ⏱ or ⏲ to highlight “On” and press ◯.

7 Enter the phone number you wish to forward to.

When “All calls” is set to “On,” “ ” is displayed on the standby screen.

If you select “By service” instead of “On” in step 6, you can select further forwarding options.

Checking the Forward Status

1 At the main menu, select in following order:
“Settings” → “Connectivity” → “Call diverts.”

2 Press ⏱ or ⏲ to highlight the forwarding option you wish to check and press ◯.

3 Press ⏱ or ⏲ to highlight “Status” and press ◯.
You can now check the status of the selected forwarding option.
When you finish, press ⊖ [Back].

Cancelling Forwarding Settings Individually

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Call diverts."
2. Press ⓘ or ⓘ to highlight the divert option you wish to cancel and press ◯.
3. Press ⓘ or ⓘ to highlight "Off" and press ◯.
   The selected divert option is cancelled.

Cancelling All Forward Settings

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Call diverts."
2. Press ⓘ or ⓘ to highlight "Cancel all" and press ◯.
   "Are you sure?" appears.
3. Press ⊖ [Yes].
   All divert option are cancelled.
   If you wish to cancel, press ⊖ [No] in this step.

Setting Networks

This setting enables you to connect to a preferred network each time the power is turned on.

Connecting To a Network Automatically

If your handset has not been connected to the network yet, you can perform the following steps to establish connection to a preferred network immediately.

1. Press ◯.
   The main menu appears.
2. Press ⓘ, ⓘ, ⊖ or ⊖ to highlight "Settings" and press ◯.
3. Press ⓘ or ⓘ to highlight "Connectivity" and press ◯.
4. Press ⓘ or ⓘ to highlight "Network settings" and press ◯.
   The "Network settings" menu appears.
5. Press ⓘ or ⓘ to highlight "Select network" and press ◯.
6. Press ⓘ or ⓘ to highlight "Automatic" and press ◯.

Selecting a Network Manually

If you wish to connect to networks other than a preferred network, perform the following steps.

1. At the main menu, select in the following order: “Settings” → “Connectivity” → “Network settings.”
2. Press ⏱ or ⏲ to highlight “Select network” and press ◯.
3. Press ⏱ or ⏲ to highlight “Manual” and press ◯.
4. Press ⏱ or ⏲ to highlight the network in the list and press ◯.

Changing the Network Password

If you wish to change the network password, perform the following steps.

1. At the main menu, select in the following order: “Settings” → “Connectivity” → “Network settings.”
2. Press ⏱ or ⏲ to highlight “Change password” and press ◯.
3. Enter the old password and press ◯.
4. Enter a new password and press ◯.
5. Enter the new password again and press ◯.
   If you enter an incorrect password in this step, the screen will return to step 4 and you are asked to enter the password again.
6. Press ◯.

Selecting an Applicable Zone

Your handset tries to select an applicable zone automatically on startup. You can also select it according to the area.

1. At the main menu, select in the following order: “Settings” → “Connectivity” → “Network settings.”
2. Press ⏱ or ⏲ to highlight “Select zone” and press ◯.
3. Press ⏱ or ⏲ to highlight “America” or “Europe, Asia, etc.” and press ◯.

Setting Bluetooth Connection

To activate the Bluetooth

With this setting, you can wirelessly connect your handset to *Bluetooth* capable devices.

1 At the main menu, select in the following order: “Settings” → “Connectivity” → “Bluetooth.”

2 Press ⊙ or ⊙ to highlight “On/Off” and press ◯.

3 Press ⊙ or ⊙ to highlight “On” or “Off” and press ◯.

To show or hide your handset

By following settings, you can prevent your handset from being recognised by other devices.

1 At the main menu, select in the following order: “Settings” → “Connectivity” → “Bluetooth” → “Bluetooth settings.”

2 Press ⊙ or ⊙ to highlight “Visibility” and press ◯ and select one of the following options.
Allowing other devices to recognise:
Select “Visible”
Not allowing other devices to recognise:
Select “Invisible”

To inactivate automatically

By following settings, you can set the *Bluetooth* function turn off automatically to save battery power.

1 At the main menu, select in the following order: “Settings” → “Connectivity” → “Bluetooth” → “Bluetooth settings.”

2 Press ⊙ or ⊙ to highlight “Auto inactivate” and press ◯.

3 Press ⊙ or ⊙ to select the desired duration and press ◯.
If you wish to keep the *Bluetooth* function on all the time, select “Off” in step 3.

To rename your handset

1 At the main menu, select in the following order: “Settings” → “Connectivity” → “Bluetooth” → “Bluetooth settings.”

2 Press ⊙ or ⊙ to highlight “Phone name” and press ◯.

3 Rename the text and press ◯.
For information on how to enter text, refer to “Entering Text” on page 8-51.

Setting a PC Link Connection

If you wish to connect your handset to a PC, follow the next steps.

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "PC Link."
2. Press ⓘ or ⓖ to highlight "Data cable" or "Bluetooth" and press ◯.
   If the PC you wish to connect to the handset to is not equipped with the *Bluetooth* function, you cannot establish a connection by selecting "*Bluetooth*." Refer to the user's guide supplied with your computer before the setting.

Setting the Date and Time

You need to set the correct date and time in order for your handset's various time-based functions to work correctly.

For information on how to adjust the date and time manually, refer to "Step 5: Setting the Date and Time" on page 3-17.

Setting the Time Format

1. At the main menu, select in the following order: "Settings" → "Date & Time."
2. Press ⓘ or ⓖ to highlight "Clock settings" and press ◯.
3. Press ⓘ or ⓖ to highlight "Time format" and press ◯.
4. Press ⓘ or ⓖ to highlight "12 hour" or "24 hour" and press ◯.

Setting the Date Format

You can change the date format between "D.M.Y. (date. month. year)," "M-D-Y" and "Y/M/D."

1. At the main menu, select in the following order: "Settings" → "Date & Time."
2. Press ⓘ or ⓖ to highlight "Clock settings" and press ◯.
3. Press ⓘ or ⓖ to highlight "Date format" and press ◯.
4. Press ⓘ or ⓖ to highlight "D.M.Y," "M-D-Y" or "Y/M/D" and press ◯.

Setting the Clock Display

1. At the main menu, select in the following order: "Settings" → "Date & Time."
2. Press ⓘ or ⓖ to highlight "Clock settings" and press ◯.

3 Press ⏱ or ⏲ to highlight “Display format” and press ◯.

4 Press ⏱ or ⏲ to highlight “Time only,” “Date only,” “Date & Time” or “Off” and press ◯.

Setting Daylight Savings time

1 At the main menu, select in the following order: “Settings” → “Date & Time.”

2 Press ⏱ or ⏲ to highlight “Clock settings” and press ◯.

3 Press ⏱ or ⏲ to highlight “Daylight saving” and press ◯.

4 Press ⏱ or ⏲ to highlight “On” and press ◯.

Setting the Time Zone

1 At the main menu, select in the following order: “Settings” → “Date & Time.”

2 Press ⏱ or ⏲ to highlight “Set time zone” and press ◯.

3 Press ⏱ or ⏲ to highlight “Change zone” and press ◯.

4 Press ⏱ or ⏲ to select a home city and press ◯.

Customising the Time Zone

1 At the main menu, select in the following order: “Settings” → “Date & Time.”

2 Press ⏱ or ⏲ to highlight “Set time zone” and press ◯.

3 Press ⏱ or ⏲ to highlight “Set custom zone” and press ◯.

4 Enter time-zone differences using the digit keys and press ◯. Press [*+] to switch between – and +.

Setting Security

These settings enable the security function to prevent unauthorised use of your handset.

Enabling the PIN Code

When the setting is on, you are asked to enter the PIN code each time you turn on the handset. Your PIN code is stored in the SIM card and you should memorise the code when you purchase the SIM card. For more information on the SIM card, contact your service provider for details.

1. Press ◯.
   The main menu appears.
2. Press ⏱, ⏲, ⊖ or ⊙ to highlight “Settings” and press ◯.
3. Press ⏱ or ⏲ to highlight “Security” and press ◯.
   The “Security” menu appears.
4. Press ⏱ or ⏲ to highlight “PIN entry” and press ◯.
5. Press ⏱ or ⏲ to highlight “On” and press ◯.
6. Enter your PIN code and press ◯.
7. Press ◯.

To disable the PIN code

1. In step 5 of “Enabling the PIN Code,” press ⏱ or ⏲ to highlight “Off” and press ◯.
2. Enter your PIN code and press ◯.
3. Press ◯.

To change the PIN code

1. In step 5 of “Enabling the PIN Code,” press ⏱ or ⏲ to highlight “Change PIN” and press ◯.
2. Enter your PIN code and press ◯.
3. Enter a new PIN code and press ◯.
4. Enter the new PIN code again and press ◯.
   If you enter a different code from the code which you entered in this step, the screen returns to step 3.
5. Press ◯.

Enabling the Handset Lock

The “Handset lock” is an additional security feature that prevents unauthorised use of the handset. The default handset code is “0000.”

1. At the main menu, select in the following order: “Settings” → “Security.”
2. Press ⓘ or ⓖ to highlight “Handset lock” and press ◯.
3. Press ⓘ or ⓖ to highlight “On” and press ◯.
4. Enter your handset code and press ◯.

To disable the handset lock

1. In step 3 of “Enabling the Handset Lock,” press ⓘ or ⓖ to highlight “Off” and press ◯.
2. Enter your handset code and press ◯.
3. Press ◯.

To change the handset code

1. In step 3 of “Enabling the Handset Lock”, press ⓘ or ⓖ to highlight “Change code” and press ◯.
2. Enter your handset code and press ◯.
3. Enter a new handset code and press ◯.
4. Enter the new handset code again and press ◯. If you enter a code different from the code which you entered in this step, the screen returns to step 3.

Changing PIN2 Code

PIN2 code is used to protect certain functions in the handset such as Fixed dialling No. The following steps describe how to change PIN2 code.

1. At the main menu, select in the following order: “Settings” → “Security.”
2. Press ⓘ or ⓖ to highlight “Change PIN2” and press ◯.
3. Enter your PIN2 code and press ◯.
4. Enter a new PIN2 code and press ◯.
5. Enter the new PIN2 code again and press ◯. If you enter a code different from the code which you entered in this step, the screen returns to step 4. Enter the correct code again.
6. Press ◯.

Barring Calls

This function enables you to set restrictions on incoming and outgoing calls. To activate “Call barring” you will need the call barring password, which is available from your service provider.

1 At the main menu, select in the following order: “Settings” → “Security.”

2 Press ⏱ or ⏲ to highlight “Call barring” and press ◯.

3 Press ⏱ or ⏲ to highlight one of the call barring functions below and press ◯.

The call barring functions available are:

Bar foreign calls:
Restricts all outgoing international calls.

Only local & home:
Restricts all outgoing international calls except to your home country.

Bar Incoming calls:
Restricts all incoming calls.

Bar inc if abroad:
Restricts all incoming calls when you are outside of the coverage area of your registered service provider.

Bar outgoing calls:
Restricts all outgoing calls except emergency calls.

4 Press ⏱ or ⏲ to highlight one of the call barring options below and press ◯.

The call barring options available are:

All services:	Restricts all services.
Voice calls:	Restricts all voice calls.
Data:	Restricts all data calls.
Fax:	Restricts all fax calls.
Messages:	Restricts all messages.
All except msgs:	Restricts all services except messages.

5 Press ⏱ or ⏲ to highlight “On” and press ◯.

6 Enter the network password and press ◯.

To change the network password, refer to “Changing the Network Password” on page 15-149.

7 Press ◯.

The selected call barring function is activated.

To disable call barring options individually

In step 5 of “Barring Calls,” press ⏱ or ⏲ to highlight “Off” and press ◯.

The selected call barring option is cancelled.

To check call barring status

5 After step 4 of "Barring Calls" (page 15-155), press ⊙ or ⊙ to highlight "Status" and press ◯.

6 When you finish, press ⊖ [Back].

To cancel all call barring settings

3 After step 2 of "Barring Calls" (page 15-155), press ⊙ or ⊙ to highlight "Cancel all" and press ◯.

4 Enter the network password and press ◯.
All call barring settings are cancelled.

Setting Fixed Dialling No.

This setting enables the "Fixed dialling No." function. If you turn the security function on, you can only call predefined numbers. In this step you are asked to enter your PIN2 code for this setting. You should check the number beforehand.

The "Fixed dialling No." function may not be available depending on the SIM card.

1 At the main menu, select in the following order: "Settings" → "Security."

2 Press ⊙ or ⊙ to highlight "Fixed dialling No." and press ◯.

3 Enter PIN2 code and press ◯.

4 Press ⊙ or ⊙ to highlight "Settings" and press ◯.

5 Press ⊙ or ⊙ to highlight "On" and press ◯.

To disable the fixed dialling No.

In step 5, press ⊙ or ⊙ to highlight "Off" and press ◯.

To add a new phone number to the fixed dialling No. list

4 After step 3 of “Setting Fixed Dialling No.” (page 15-156), press ⓘ or ⓖ to highlight “Edit dial list” and press ◯.

5 Press ⊖ [Options].
The “Options” menu appears.

6 Press ⓘ or ⓖ to highlight “Add new contact” and press ◯.

7 Add a name and phone number.
For more information on how to add a name and a phone number, refer to “Saving Information to the Contacts List” on page 9-56.

8 Press ⊖ [Save] to save.

To search a registered entry

4 After step 3 “Setting Fixed Dialling No.” (page 15-156), press ⓘ or ⓖ to highlight “Edit dial list” and press ◯.

5 Press ⊖ [Options].
The “Options” menu appears.

6 Press ⓘ or ⓖ to highlight “Search” and press ◯ to select.

7 Search for the desired entry.
For more information on how to search for an entry, refer to “Searching a Name and Number in the Contacts List” on page 9-58.

To edit a registered entry

4 After step 3 of “Setting Fixed Dialling No.” (page 15-156), press ⓘ or ⓖ to highlight “Edit dial list” and press ◯.

5 Press ⓘ or ⓖ to highlight the entry you wish to edit.

6 Press ⊖ [Options].
The “Options” menu appears.

7 Press ⓘ or ⓖ to highlight “Edit” and press ◯ to select.

8 Edit the desired entry.
For more information on how to edit an entry, refer to “Editing the Contacts List” on page 9-59.

To delete a registered entry

4 After step 3 of "Setting Fixed Dialling No." (page 15-156), press ⊙ or ⊙ to highlight "Edit dial list" and press ●.
Press ⊙ or ⊙ to highlight the entry you wish to delete.

5 Press ⊖ [Options].
The "Options" menu appears.

6 Press ⊙ or ⊙ to highlight "Delete" and press ●.

7 Press ⊖ [Yes].
The selected entry is deleted.
To cancel, press ⊖ [No] in this step.

Setting an Account

In normal operations, you do not need to change the settings.

In case your handset does not connect to the preset network or if you need to change the settings to establish another connection, perform the following to check or edit settings.

Setting WAP/MMS/E-mail

1 At the main menu, select in the following order: "Settings" → "Account settings" → select "WAP settings," "MMS settings" or "E-mail settings."

2 Press ⊙ or ⊙ to highlight profile you wish to edit and press ⊖ [Options].
The "Options" name appears.

3 Press ⊙ or ⊙ to highlight "Edit" and press ●.

4 Press ⊙ or ⊙ to highlight the item you wish to edit and press ●.

5 Edit each item and press ⊖ [Save].

WAP Settings

Profile name: WAP profile name (Unique name)
Proxy settings: Proxy server address for WAP
Proxy address: Proxy server address for WAP
Port number: Proxy port number
Advanced
Secure port number:
Secure port number
Username: User name
Password: Password
Homepage: Homepage
DNS settings: Domain name server address for WAP
Obtain address: (“Automatic” or “Manual”)
Primary DNS: Primary domain name server address for WAP
Secondary DNS: Secondary domain name server address for WAP
Connection type: Connection type
GPRS settings
APN: Access point name
Username: User name
Password: Password
Linger time: Linger time (0-99999 sec.)
CSD Settings
Phone number: Access point number
Line type: (“ISDN” or “Analogue”)
Username: User name
Password: Password
Linger time: Linger time (0-99999 sec.)

MMS Settings

Profile name: MMS profile name (Unique name)
Proxy settings: Proxy server address for MMS
Proxy address: Proxy server address for MMS
Port number: Proxy port number
Advanced
Secure port number:
Secure port number
Username: User name
Password: Password
Relay server URL: MMS relay Server
DNS settings: Domain name server address for MMS
Obtain address: (“Automatic” or “Manual”)

Primary DNS:	Primary domain name server address for MMS
Secondary DNS:	Secondary domain name server address for MMS
GPRS settings	
APN:	Access point name
Username:	User name
Password:	Password
Linger time:	Linger time (0-99999 sec.)

E-mail Settings (* required item)

Profile name*:	E-mail profile name (Unique name)
E-mail address*:	E-mail address
POP3 server:	Server for receiving E-mail message
Server address*:	POP3 server address
User ID*:	User ID
Password*:	Password
Port number:	POP3 port number
SMTP server:	Server for sending E-mail message
Server address*:	SMTP server address
User ID*:	User ID
Password*:	Password
Port number:	SMTP port number
Send settings:	(“POP before SMTP,” “SMTP-AUTH On” or “AUTH Off”)
DNS settings:	Domain name server address for E-mail
Obtain address:	(“Automatic” or “Manual”)
Primary DNS:	Primary domain name server address for E-mail.
Secondary DNS:	Secondary domain name server address for E-mail.
Connection type:	Connection type
GPRS settings	
APN:	Access point name
Username:	User name
Password:	Password
Linger time:	Linger time (0-99999 sec.)
CSD Settings	
Phone number:	Access point number
Line type:	(“ISDN” or “Analogue”)
Username:	User name
Password:	Password
Linger time:	Linger time (0-99999 sec.)
E-mail download:	(“Header only” or “All”)

Setting Profile name

1 At the main menu, select in the following order: "Settings" → "Account settings" → select "WAP settings," "MMS settings" or "E-mail settings."

2 Press ⊙ or ⊙ to highlight the profile you wish to set and press ●.

3 Press ⊙ or ⊙ to highlight "Profile name" and press ●.
Enter the profile name.
For information on how to enter text, refer to "Entering Text" on page 8-51.

Copying WAP/MMS/E-mail Profile

1 At the main menu, select in the following order: "Settings" → "Account settings" → select "WAP settings," "MMS settings" or "E-mail settings."

2 Press ⊙ or ⊙ to highlight the profile you wish to set and press ⊖ [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Copy" and press ●.
The profile name is copied and "New profile name:" screen appears.

4 Press ⊖ [Options].
The "Options" menu appears.

5 Press ⊙ or ⊙ to highlight "OK" and press ●.
The new profile is created.

Deleting WAP/MMS/E-mail Profile

1 At the main menu, select in the following order: "Settings" → "Account settings" → select "WAP settings," "MMS settings" or "E-mail settings."

2 Press ⊙ or ⊙ to highlight the profile you wish to delete and press ⊖ [Options].
The "Options" menu appears.

3 Press ⊙ or ⊙ to highlight "Delete" and press ●.

4 Press ⊖ [Yes] to delete the profile.
If you do not wish to delete, press ⊖ [No] in this step.

Once you delete a profile, it cannot be restored.

Glossary

- **CSD (Circuit Switched Data)**
  Circuit switching is, in other words, the conventional way of transmitting data. Just like a landline telephone, rates are charged by connection time. Maximum connection speeds are 9.6kbps and 14.4kbps, but are affected by mobile phone and provider specifications.
- **GPRS (General Packet Radio Service)**
  GPRS is a packet data transmission service for mobile phones based on the GSM standard. When using data communications like WAP, there is no need to keep track of connection time as rates are charged by the amount of data (number of packets) transmitted. The service gives you the feeling of a continual connection without the worries of a dial-up connection. The connection speed varies according to mobile phone and provider specifications as well as crowding on the network.
- **WAP (Wireless Application Protocol)**
  A generic name for the communication protocol used to access the Internet on small wireless mobile terminals such as mobile phones and PDAs.

Customising Keys

While the handset is in standby mode, four Navigation keys (⏱, 💡, ⊖ and ⊕) and the side-up/down keys (▲ and ▼) are available for assigning shortcuts to directly access the screens shown below.

Screens:

Not Used
Contacts list
Add contacts
Profiles
Calendar
My Media
Alarm
Calculator
Voice mail
Wallpaper
Ringtone
Create SMS
Create MMS
Create E-mail
Message Inbox
Internet
Create photo
Create video
Memo recording
My photos
My pictures
My videos
My sounds
My music
My numbers
Earpiece volume

Changing the Shortcuts

1. Press ◯.
   The main menu appears.
2. Press ⏱, ⚲, ⊖ or ⊖ to highlight “Settings” and press ◯.
3. Press ⏱ or ⚲ to highlight “Favourites settings” and press ◯.
   The “Favourites setting” screen appears.
4. Press ⏱ or ⚲ to select the key whose shortcut you wish to change and press ◯.
   The list of shortcuts appear.
5. Press ⏱ or ⚲ to highlight the shortcut you wish to assign and press ◯.
   The selected shortcut is assigned.
6. Repeat steps 4 and 5 if necessary.

If you select “Not used” in step 5, the key will be deactivated.

Master Reset

These steps enable you to cancel all the settings to default. Special caution needs to be paid before you do the master reset. If you wish to retain settings for some modes or menus, write them down before performing the reset.

1. Press ◯.
   The main menu appears.
2. Press ⏱, ⚲, ⊖ or ⊖ to highlight “Settings” and press ◯.
3. Press ⏱ or ⚲ to highlight “Master reset” and press ◯.
4. Enter your handset code and press ◯.
   The Message “Are you sure?” appears.
5. Press ⊖ [Yes].
   To cancel, press ⊖ [No] in this step.

If you enter a wrong handset code in step 4, the operation is cancelled.

Connecting to a PC

You can use your handset with other digital equipment using USB ports or the *Bluetooth* wireless technology port. For a PC, an optional PC Link Kit (CE-UC32) and the following system environment is required.

PC Hardware

- Intel®-Pentium® 266MHz or faster
- 64MB of available RAM or above
- 60MB of available hard-disk space or above
- CD-ROM drive
- USB 1.1 or *Bluetooth* interface

Operating System

Microsoft® Windows® 98+Service Pack 1/98 Second Edition/ME/2000+Service Pack 4/XP+Service Pack 1

GSM/GPRS Modem

The GSM/GPRS modem in your handset enables digital equipment to access the Internet. Connect your handset to your PC through USB or *Bluetooth* interface.

Handset Manager

"Handset Manager" is the software that enables you to manage the communication between the handset and a PC. Using this software, you can control the transmission of pictures, sounds, music, video clips and "Contacts list" entries.

Modem communication is not possible while communicating with the Handset Manager via USB or Bluetooth interface.

Installing Software

The USB cable is necessary for installing the software.

1. Insert the CD-ROM supplied with PC Link Kit into the PC's CD-ROM drive.
   The CD-ROM screen appears.
   If the CD-ROM screen does not appear, double-click [Launcher.exe] in your CD-ROM.
2. Follow the on-screen instructions to complete the installation of the three programs in order.

- *For Windows 2000 Professional and Windows XP, install/uninstall programs after logging on as the Administrator.*
- *Connect the handset to the USB cable by following the on-screen instructions.*

For information on software support, refer to the following site:

http://www.sharp-mobile.com/tm/

It is not recommended that you make or answer calls when using the handset as a GSM/GPRS modem, as the operation may be interrupted.

Uninstalling software

When you change handsets or upgrade software, you have to uninstall software by using the Windows function.

USB driver name

"SHARP GSM GPRS USB Driver2 VerXXXX"

Modem driver name

"SHARP GSM GPRS Wizard2 VerXXXX"

(Version number varies depending on the time of release)

Required items

Handset

PC with USB cable (supplied with PC Link Kit)

Connecting the Handset

USB Connection

When connecting your handset to a PC, you need to select the connection method "PC link." For information on the PC link, refer to "Setting a PC Link Connection" on page 15-151.

Bluetooth Connection

For using the *Bluetooth* connection, you need to search other *Bluetooth* capable devices to establish the connection. Place your phone near the other *Bluetooth* device. Before connecting, refer to the "Setting Bluetooth Connection" on page 15-150 to make sure if the necessary settings for the connection have been done.

To search available devices

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Bluetooth."
2. Press ⏱ or ⏲ to highlight "Register devices" and press ◯.
   The handset starts searching for devices within 10 metres and the list of available devices appears.
3. Press ⏱ or ⏲ to select one of the devices you wish to establish the connection with and press ◯.
   You can only select one device for pairing.
4. Enter the device passcode and press ◯.

If the setting for the Bluetooth connection has not been turned on before searching, the handset turns on the setting automatically and starts searching available devices.

To activate available devices

You can activate the paired device.

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Bluetooth."
2. Press ⊙ or ⊙ to highlight "Activate devices" and press ●.
3. Press ⊙ or ⊙ to highlight the device you wish to activate and press ●.
   To inactivate the device, select it again and press ●.

You can save battery power by turning the Bluetooth function off when not in use. Refer to "To activate the Bluetooth" on page 15-150.

To rename a device

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Bluetooth" → "Activate devices."
2. Press ⊙ or ⊙ to highlight the device you wish to rename.
3. Press ⊖ [Options].
   The "Options" menu appears.
4. Press ⊙ or ⊙ to highlight "Rename" and press ●.
5. Rename the text and press ●.
   For information on how to enter text, refer to "Entering Text" on page 8-51.

To delete a device

To delete a paired device from the list, perform the following operation.

1. At the main menu, select in the following order: "Settings" → "Connectivity" → "Bluetooth" → "Activate devices."
2. Press ⊙ or ⊙ to highlight the device you wish to delete from the list.
3. Press ⊖ [Options].
   The "Options" menu appears.
4. Press ⊙ or ⊙ to highlight "Delete" and press ●.
   The device is deleted.

Troubleshooting

Symptom	Check Points
The handset does not turn on.	● Is the battery pack properly inserted? (page 3-13) ● Is the battery empty? If the alert sounds and you are unable to turn on the power, charge the battery. (page 3-15) ● Did you press ⏻ and hold for at least two seconds to turn on the handset? (page 3-17)
The battery will not charge.	● Is the battery pack properly inserted? (page 3-13) ● Is the handset properly attached to the battery charger? (page 3-15) ● Is the AC charger terminal dirty? (Clean the terminal with a cotton swab.) ● Did you check the battery indicator was animating while charging the battery? ● Did a blackout occur while charging the battery? ● If you have tried all of the above and the battery does not charge, replace the battery. If it still does not charge, there may be a problem with the handset or AC charger. Contact your service provider for maintenance.

Symptom	Check Points
Even when charged, the phone functions stop working.	Is the SIM card inserted correctly? (page 3-15)
Calls cannot be made or received.	● Is there a message “SIM Card Error” on the display? (If the message is displayed when turning on the handset, the SIM card is not supported or is damaged. Contact your service provider.) ● Has any call barring option been set? (page 15-155) ● Has the “Fixed dialling No.” been turned on? (page 15-156) ● Is the handset currently performing data communication? (page 16-164) ● Are you using a prepaid SIM card? (Check the remaining balance.)

Symptom	Check Points
Calls are interrupted or cut off.	● Are you in a location where the signal is poor? (Check the indicator and see if the service is out of range. Move to a location where the radio signal is strong enough to make a call.) ● Is the battery empty? (page 3-16) ● Are there any magnetised objects such as health necklaces on or around you? (Around such objects, the handset terminates the call. Keep the handset away from such objects.)
Keys do not operate.	● Is the power turned on? (page 3-17) ● Has the "Handset Lock" been turned on? (page 15-154)
The other party's voice is too loud or distorted.	Adjust the earpiece volume. (page 15-145)
The ring tone does not sound.	● Has the ring volume been set to "Silent?" (page 15-136) ● Has the "Silent" or "In car" mode been enabled? (page 15-136)

Symptom	Check Points
The PIN code or PIN2 code is rejected.	● Did you enter the correct code (four to eight digits)? (page 3-21) ● Have you made three unsuccessful attempts at entering the code? (After 3 attempts, the protection lock prevents handset operation.) ● If you cannot remember the correct PIN code, contact your service provider.
The SIM card is locked.	If supported, try entering the PUK code (eight digits) provided by your service provider. (If the attempt is successful, enter the new PIN code and confirm that your handset is operational again. Otherwise, contact your dealer.)
The display is difficult to read.	● Try adjusting the backlight brightness for the display. (page 15-130). ● If the external display is difficult to read, try adjusting the backlight contrast. (page 15-134)
The network service cannot be accessed.	● Confirm whether your account has been registered. (Contact your service provider to confirm whether your account has been registered.) ● Are you in a location where you can receive the service?

Symptom	Check Points
The MMS message service cannot be accessed.	Does your service provider support the MMS message service? Contact your service provider to confirm whether they support the service and that the correct settings for the MMS message service have been performed on your handset.
The E-mail service cannot be accessed.	Have you made the necessary settings for the E-mail service? (page 15-160) If you still cannot get access after checking the settings, contact your service provider to identify the problem.
No “Contacts list” entry is displayed.	● Which memory did you select when you entered the entries? Confirm whether “Handset,” “SIM” or “SIM+Handset” was selected. (page 9-55) ● Have you set the “View Groups” setting correctly? (page 9-63)

Symptom	Check Points
The handset cannot be connected to a PC.	● In case of resource conflicts of modem driver, please reinstall the driver to resolve this problem. (page 16-164) ● The handset is required at the time of installing USB or modem driver. (page 16-164) ● The current driver installed on the PC is applicable only to the handset used at the time of installation. ● When you use another handset, you must uninstall existing USB and modem driver, then reinstall USB and Modem driver again. (page 16-165)

Index

Symbols

#/Silence profile Key 4-22
*/Shift Key 4-22

Numerics

0/Flash Light Key 4-22
12 hour 15-151
24 hour 15-151

A

AC charger 3-13, 3-15
Activity 15-136
Adding a frame 12-91
Adding a phone number 9-56
Adding stamps 12-91
Advanced 11-80
Aerial 4-22
Alarm 13-116
Alarm on/off 13-117
Alarm tone 13-117
All calls 15-147
All except msgs 15-155
All services 15-155
Anonymous reject 11-80
Answering a call 6-32
Any key answer 6-32, 15-142
Applicable zone 15-149
Applications 12-106
Assigning pictures 15-132
Auto delete 11-80
Auto redial 15-145
Auto shooting 7-41
Automatic answer 15-142
Automatic redialling 6-33

B

Backlight 15-130
Backlight brightness 15-130
Bar foreign calls 15-155
Bar inc if abroad 15-155
Bar incoming calls 15-155
Bar outgoing calls 15-155
Barring calls 15-155
Basic handset operations 6-32
Battery 1-5, 3-13
Battery cover 3-14, 4-23
Battery disposal 1-6
Battery indicator 3-16
Battery status 3-16
Bluetooth Connection 15-150, 16-165
Brightness 7-40, 7-43

C

Calculator 13-119
Calendar 13-114
Call diverts 15-147
Call history 14-122
Call log 14-123
Call register 5-30, 14-122
Call settings 15-143
Call timers 15-144
Call waiting 6-34, 15-143
Calling the sender 11-76
Camera 5-30, 7-38
Camera lens 4-22
Camera operation 1-7
Camera/Music Key 4-22, 5-29
Cell Broadcasts 11-83
Cell info 11-85
Centre Key 5-29
Changing the name of sound files 12-98
Changing the name of the picture 12-93
Changing the name of the video 12-108
Charger 3-15
Charging the battery 3-15
Checking the amount of data communication 14-127
Checking video information 12-109
Chords 12-100
Clearing call logs 14-124
CLI (Calling Line Identification) 6-33
Conference 15-136
Conference call 6-35
Connecting to a PC 16-164
Connection type 11-80
Contacts 5-30
Contacts list 9-54
Continuous shooting 7-41
Conversion rate 13-119
Converting currency 13-119
Copy 8-53
Copying all entries 9-62
Copying Entries 9-61
Copyright 1-2
Creating messages 11-69
Customising keys 15-162
Cut 8-53

D

D.M.Y 15-151
Data 15-155
Date and time 3-17, 15-151
Daylight savings 15-152
Delay timer 7-46
Deleting a call log 14-124
Deleting a contacts list entry 9-62
Deleting Appointments 13-115
Deleting Music 12-113

Deleting pictures 12-96
Deleting pictures/video clips 7-48
Deleting sounds 12-99
Deleting the game or application 12-107
Deleting videos 12-109
Details screen 9-57
Dialled numbers 14-122
Dialling from the contacts list 9-57
Digital zoom 7-46
Display 15-128
Display Indicators 4-25
Display language 15-128
Displaying your own number 15-144
Divert status 15-147
Downloading 12-86
Downloading games or applications 12-106
Downloading pictures 12-86
Downloading sound 12-97
Downloading video clips 12-107
Draft box 11-69
Duration of calls 14-125

E

Earphone Connector 4-23
Earpiece 4-22
Earpiece volume 15-145
Editing pictures 12-89
Electromagnetic waves 1-4
E-Mail 11-68
End/Power Key 4-22
Ending a call 6-32
Ending the game or application 12-106
Entering a number 6-32
Entering Appointments 13-114
Entering symbols 8-52
Entering text 8-51
Environment 1-7
Exposure level 7-40
External connector cap 3-15
External Display 4-22
Extracting the phone number 11-76

F

Fax 15-155
Finding a particular date 13-115
Fixed dialling no. 15-156
Flash Light 4-22, 7-47
Flip functions 4-24
Focus Mode 7-45
Font Zoom Key 4-22, 5-29
Forwarding a message 11-75
Frame 7-41, 12-91
Function items 5-30

G

Game or application information 12-107
Games 12-106
Greeting message 15-131
Group call 9-64
Groups 9-63
GSM/GPRS modem 16-164

H

Hands free EARphone & MIC 4-23
Handset lock 15-154
Handset manager 16-164
Handset off 3-17
Handset on 3-17

I

In car 15-136
Indicators 7-49
Input language 8-52
Input melody 12-100
Input method 8-52
Input phone number 9-57
Instruction scheme 1-1
Introduction 1-1

K

Key pad 4-22
Keypad tones 15-138

L

Left soft key 4-22
Length of notes and rests 12-102
Locking messages 11-78
Low battery alert 15-141

M

Main Display 4-22
Main menu 5-28
Making a call 6-32
Manual shooting 7-41
Master reset 15-163
M-D-Y 15-151
Melody 15-137
Melody editor 12-100
Memory 9-55
Memory space 7-48
Memory status 9-65, 12-113
Menu 5-30
Message alert 15-140
Message centre 11-79
Message format 11-80
Message lifetime 11-79
Messages 5-30, 15-155
Microphone/MIC 4-22
Minute minder 15-145
Missed calls 14-122
MMS message 11-68

Monday-Sunday 13-115
Multi-tap input 8-51
Music Information 12-111
Music Play List 12-111
Music Player 12-110
My Contents 5-30, 12-86
My music 12-110
My numbers 9-66
My photos 12-87
My pictures 12-90
My sounds 12-97
My videos 12-108

N

Navigation Keys 5-28
Network password 15-149
No answer 15-147
Notice 1-2

O

Only local & home 15-155
Operating system 16-164
Optimization 11-80
Organiser 13-114
Original ringtones 12-97
Outbox 11-77
Own numbers 9-66

P

Parts and controls 4-22
Paste 8-53
PC hardware 16-164
Personal organiser 13-114
Phone help 13-121
Picture call 15-145
Picture formats 12-86
Picture information 12-94
Picture quality 7-39
Picture size 7-39
PIN code 3-21, 15-153
PIN2 code 15-154
Pitch of the musical note 12-101
Playback 7-44
Playing back sounds 12-97
Playing back the saved memo 13-121
Playing back videos 12-108
Power on/off sound 15-139
Power saving 15-131
Profiles 15-136
PUK code 3-21
Punctuation 8-52

Q

Quick setup 3-13

R

Reading Messages 11-74
Received calls 14-122
Rechargeable Li-ion battery 3-13
Redialling 6-33
Rejecting an incoming call 6-33
Replying to a message 11-75
Required system environment 16-164
Resetting an alarm 13-118
Resetting the call settings 15-146
Resetting the phone setting 15-135
Resetting the profiles 15-142
Retouching pictures 12-90
Retrieving a message 11-78
RF Connector 4-23
Right soft key 4-22
Ringer volume 15-136
Ringtone 9-60, 15-137
Roaming download 11-80
Rotating pictures 12-92

S

Safety precautions 1-4
SAR 1-10
Saved pictures 7-40
Saved video clips 7-44
Saving information 9-56
Saving pictures 12-94
Saving the Phone Number or E-mail Address 11-77
SD Memory Card Slot Cover 4-23
Searching a name and number 9-58
Security 15-153
Send key 4-22
Sender/receiver information 11-77
Sending messages 9-58, 11-69
Sending sounds 12-98
Sending videos as attachments 12-108
Sent box 11-69
Setting an account 15-158
Setting networks 15-148
Setting the alarm 13-116
Settings 5-31
Settings for the Messages 11-79
Shortcuts 15-163
Shutter sound 7-40
Side-up/Side-down Key 4-23
Silent 15-136
SIM application 5-30
SIM application menu 5-31
SIM card 3-13
SIM holder 3-14
Slide show 11-80
SMS message 11-68
SMS message menu 6-35
Snooze 13-118

Soft keys 5-29
Sound formats 12-96
Sound information 12-98
Speaker 4-22
Speed dial 9-65
Speed dialling 6-34
Standby screen 5-28
Starting a game or an application 12-106
Status indicators 4-25
Still images 7-38
Strength of each chord 12-105
Sunday-Saturday 13-115
Suspending the game or application 12-107

T

T9 text input 8-52
Tempo 12-100
Text 8-51
Text templates 8-53, 11-81
Thumbnail image 9-59
Tie 12-102
Time zone 15-152
T-Mobile 15-136
Tone 12-104
Troubleshooting 17-167
t-zones 10-67
t-zones key 4-22

U

Unpacking 3-13
USB Connection 16-165
USB/Charger Connector 4-23

V

Vehicle use 1-7
Vibration 9-60, 15-137
Video images 7-42
Video quality 7-43
Viewing groups 9-63
Viewing pictures 12-87
Viewing the contacts list 9-54
Voice calls 15-155
Voice mail 11-82
Voice Mail Key 4-22
Voice memo 13-120

W

Wallpaper 15-129
Wallpaper calendar 15-130
WAP browser 10-67
Warning tone 15-138
Weekly format 13-115
When busy 15-147
Wrong number 6-32

Y

Y/M/D 15-151