

Introduction

This guide provides an overall reference on the KAREL LT200 Feature Phones & their handsfree versions, KAREL LT200-H Feature Phones.

This guide is divided into the following three main parts:

- 1) In part one (pg 2), the structure of the feature phones, and brief information about the physical parts, are presented.
- 2) In part two (pg 5), the main details of the *Setting Mode* are given.
- 3) In part three (pg 7), the programming and use of *Memory Keys* are explained in point form.

This guide is prepared with the assumption that the LT200(-H) user is familiar with the “Easy To Use Owner’s Guide” of the DS200 telephone system.

Getting To Know Your Feature Phone

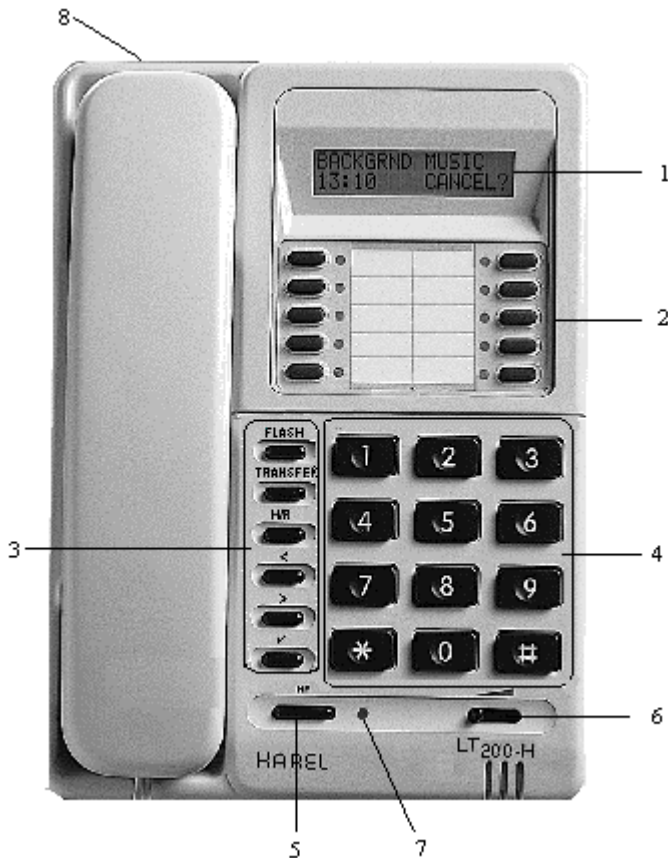


Figure 1

1. 2x16 Character LCD
2. *Memory Keys*
3. Function Keys
4. 3x4 Numeric Keypad
5. Handsfree Key
6. Handsfree Volume Adjuster
7. Handsfree LED
8. Ring Level Adjuster

1. LCD Display

The 2x16 character LCD display lists the following types of messages:

- Status Messages: These messages give information about the status of the system features and the activated features on your Feature Phone. They are displayed when your Feature Phone is idle.
- Ringing Messages: These messages display information about the calling party, when your telephone rings.
- Call Handling Messages: These messages display the options that you may use while making a call or during an established call. You may navigate between the available options using the Next (>) key and you may select any of these options pressing the Check (✓) key.
- Call Charging Messages: These messages display the number of metering pulses received, the total cost of these metering pulses and the currency unit.
- Setting Mode Messages: These messages guide you through the steps in the *Setting Mode*.

2. Memory Keys

These 10 dual-function keys each with a dedicated LED (Red lamp) enables one-touch activation of some system features. Refer to pg 7 for details.

3. Function Keys

- Flash : - When pressed during an ongoing call, it holds the call.
- When pressed while there is a call on hold, it retrieves the call.
- Transfer : - When pressed while there is a call on hold, it makes a *Call Transfer*.
- When pressed during an ongoing conversation, it terminates the call.
- H/R : - When pressed during an external call, it parks the call.
- When pressed while receiving internal dial tone, it retrieves the parked call.
- < : - Scrolls to the previous LCD message. The character "<" appearing at the beginning of a message on the LCD suggests that you may scroll through the previous options using this key.
- > : - Scrolls to the next LCD message. The character ">" appearing at the end of a message on the LCD suggests that you may scroll through the next options using this key.
- ✓ : - Activates the displayed action/function (1 beep).
- Enters the *Setting Mode* (2 beeps). Refer to pg 6 for details.

4. Numeric Keypad

The 3x4 Numeric Keypad consists of 10 numeric keys, an # (for Hook Flash) and a * (for Hang Up) keys. All these keys generate DTMF tones.

5. Handsfree Key

Available only on the Handsfree Feature Phones, this key activates and deactivates the handsfree mode. In handsfree mode, the telephone may be used without lifting the handset.

6. Handsfree Volume Adjuster

Available only on the Handsfree Feature Phones, it adjusts the received voice level in handsfree mode.

7. Handsfree LED

Available only on the Handsfree Feature Phones, it is illuminated during handsfree operation.

8. Ring Level Adjuster

Switches between *High* and *Low* ringing volume levels.

Setting Mode

The *Setting Mode*, which may be activated as described on pg 6, includes different menus with sub-menus, which allows you to activate many features without the need to know their activation codes.











The *Setting Mode* menus together with their sub-menus are listed below:

1. Call Options:
 - Follow Me,
 - Pager,
 - Auto Dial,
 - Missed Calls.
2. Phone Settings:
 - Key Settings,
 - Do Not Disturb,
 - Reminder,
 - Background Music,
 - Eprom Version,
 - Language,
 - Private Pool Entry,
 - Metering Pulse Price ⁽¹⁾ ,
 - Signal Beep ⁽²⁾ .
3. Phone Security:
 - Password,
 - Phone Lock / Unlock.
4. System Settings: (Available to the operator)
 - Time Setting,
 - Date Setting,
 - Night Mode,
 - Parallel Operators (reserved for future use),
 - Common Pool Entry.

⁽¹⁾ Used to define the unit price for the metering pulses received during an outgoing external call, so that the call charge is displayed on-line on the LCD. The pulse price may be at most 6 digits.

⁽²⁾ Used to activate or deactivate the buzzer of LT200(-H) that warns the user for the new incoming call that is received when the telephone is busy.

How To Enter The Setting Mode

	Lift the handset.
	Press & hold <i>Check</i> (✓) key until the second “beep”.
 	Scroll through the menus using <i>Next</i> (>) or <i>Back</i> (<) keys.
	Press <i>Check</i> (✓) key to select the desired menu message.
	Scroll through the sub-menus using <i>Next</i> (>) key.
	Press <i>Check</i> (✓) key to select the desired sub-menu message and proceed accordingly.
 	Should there be more settings to be adjusted, scroll through the menus using <i>Next</i> (>) or <i>Back</i> (<) keys until the desired menu message appears and proceed accordingly.
	Hang up to exit the <i>Setting Mode</i> .

- **NOTES**

If Back (<) key is pressed while scrolling through the sub-menus, the main menu message appears on the display.

Memory Keys

How To Program Memory Keys

The *Memory Keys* are not pre-set and can be programmed to any of the following:

- Extensions,
- Lines,
- Common Pool numbers,
- Private Pool numbers,
- Some system features,
- Function codes (of at most 8 digits)

You may program the *Memory Keys* as follows:

1. In the *Setting Mode*, enter the *Phone Settings* menu, and then the *Key Settings* sub-menu.
2. Select the option that you require from the options listed above.
3. Press the *Memory Key* that you wish to program.
4. Proceed as indicated by the LCD messages.

If you wish, you may use the Auto Settings option in the *Key Settings* sub-menu to program all of the *Memory Keys* at the same time. Refer to pg 8 for details.

Following are the main points to program the *Memory Keys*:

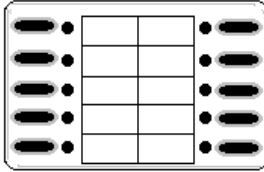
- Each *Memory Key* may be programmed for two different functions: *Primary Function* and *Secondary Function*. While programming a *Memory Key*, if a feature is to be assigned to its *Primary Function*, the key should be pressed until the first “beep”. If a feature is to be assigned to its *Secondary Function*, then the key should be pressed until the second “beep”.
- To program the *Memory Keys* for certain system features, you are required to enter the 2-digit Feature Number (FN) for each feature. The features, their 2-digit Feature Numbers and their LED status are listed below:

<u>FN</u> Feature	<u>LED Status</u>
01-Phone Lock	ON: Phone locked.
02-Auto-Dial (Last Number)	ON: Active
03-Reminder Service	ON: Active.
04-Do Not Disturb	ON: Active.
05-Follow Me	ON: Active.
06-Call Park/Retrieve	ON: Parked call.
07-Selective Call Pick Up	-
08-Call Back	ON: Active.
09-Pager	-
10-Three Party Conference	-
11-Night Mode	-
12-Parallel Operator	-
13-External Call Diversion	-

- Up to 9 *Private Pool Numbers*, each at most 16 digits, may be stored in *Memory Keys*.
- By choosing one of the following Auto Setting options, you may program all of your *Memory Keys* at the same time.

Option 1:

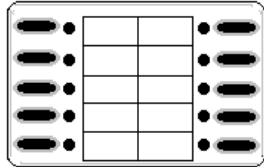
Second.	Primary
Ext. 1120	Ext. 1110
Ext. 1121	Ext. 1111
Ext. 1122	Ext. 1112
Ext. 1123	Ext. 1113
Ext. 1124	Ext. 1114



Primary	Second.
Ext. 1115	Ext. 1125
Ext. 1116	Ext. 1126
Ext. 1117	Ext. 1127
Ext. 1118	Ext. 1128
Ext. 1119	Ext. 1129

Option 2:

Second.	Primary
Ext. 1110	FN 01
Ext. 1111	FN 02
Ext. 1112	FN 03
Ext. 1113	FN 04
Ext. 1114	FN 05



Primary	Second.
FN06	Ext. 1115
FN07	Ext. 1116
FN08	Ext. 1117
FN09	Ext. 1118
FN10	Ext. 1119

FN : Feature Number (Refer to pg 7)

To clear the above settings, select *Clear* from the *Auto Settings* menu.

If all the above programming options are not enough to match your requirements, the Function Code sub-menu can be used. By using this sub-menu, codes (as DTMF tones) of the desired features can be programmed to the keys. The code may have at most 8 digits. The Flash and Transfer keys are used for # and ★ respectively and the digits are dialed through the 3x4 numeric keypad. E.g. To program a key to transfer a call to extension 1215, the keys “Flash 1 2 1 5 Transfer” must be pressed in order.

How To Use Your Memory Keys

- If the feature assigned to the *Primary Function* of a key is to be activated, the key should be pressed until the *first “beep”*. If the feature assigned to its *Secondary Function* is to be activated, then the key should be pressed until the *second “beep”*.
- The *LEDs* of the *Memory Keys*, operate *only* for the *Primary Function* of each key.
- On a Feature Phone, the features may be activated in two ways:
 - a. By lifting the handset and then pressing the relevant *Memory Key*, or
 - b. By pressing the relevant *Memory Key* and then lifting the handset within 3 seconds. This method enables one-hand operation.
- On a Handsfree Feature Phone, the handsfree mode and the *Memory Key’s* assigned feature are automatically activated when the key is pressed provided that the handset is not lifted.

According to the programmed function, the *Memory Keys* may be used as follows:

a) *Extensions*: You may;

- Call an extension by lifting the handset and pressing the respective *Memory Key*.
- Call an extension, while receiving busy or ring-back tone, (after having called another extension) by pressing the respective *Memory Key*.
- Make an *Inquiry Call* to another extension, while you have a call on hold, by pressing the respective *Memory Key*.
- The LED of an extension key is:

<u>ON</u>	:	Busy
<u>OFF</u>	:	Idle
<u>BLINKING</u> (slow)	:	Ringng or calling the operator
<u>BLINKING</u> (fast)	:	Parked
<u>BLINKING</u> (with a special cadence)	:	Left off-hook

b) *Lines*: You may;

- Access the line you wish, by lifting the handset and then pressing the respective *Memory Key*.
- Park the call on the line, or retrieve a previously parked call, by pressing the respective *Memory Key*.
- The LED of a line key is:

<u>ON</u>	:	Busy
<u>OFF</u>	:	Idle
<u>BLINKING</u> (slow)	:	New incoming call
<u>BLINKING</u> (fast)	:	Parked
<u>BLINKING</u> (with a special cadence)	:	Out of service

c) *Common Pool Numbers / Private Pool numbers*: You may;

- Call the required *Common Pool Number/ Private Pool Number* by pressing the respective *Memory Key*.
- The LEDs of common pool / private pool keys have no function.

d) *Features*:

To activate a feature, you may press the respective *Memory Key*, and then follow the prompts on the LCD.

The following points should be noted when activating the features below:

- *Reminder Service*: Press the respective *Memory Key*, and then enter the Reminder Time, in the following format: hour (00...23) and minute (00...59).
- *Follow Me*: Press the respective *Memory Key*, and then enter the number of the extension that you wish to forward your calls to.
- *Selective Call Pick Up*: Press the respective *Memory Key* and then enter the extension number of the ringing telephone.

- Three Party Conference: While on an ongoing conversation, press the respective *Memory Key* (your call will be put on hold), then dial the third party, then press the same *Memory Key* again.

Footnote

If your feature phone is malfunctioning in any way, please refer to the information in this guide. Should the problem persist, please contact the installer or a dealer in your country.