

Introduction

This guide provides an overall reference on the KAREL FT200 Handsfree 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 6), the main details of the *Setting Mode* are given.
- 3) In part three (pg 9), the programming and use of *Memory Keys* are explained.

This guide is prepared with the assumption that the FT200 user is familiar with the "Easy To Use Owner's Guide" of the telephone system.

Getting To Know Your Feature Phone



Figure 1

1. 2x20 Character LCD
2. *Memory Keys*
3. Function Keys
4. 3x4 Numeric Keypad
5. Handsfree LED
6. Mute LED

1. LCD Display

The 2x20 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 16 dual-function keys each with a dedicated two-colour LED (Red/Green lamp) enable one-touch activation of some system features. Refer to pg 9 for details.

3. Function Keys

- Menu : - Enters the Setting Mode. Refer to pg 6 for the details.
- 🎵 : - Activates / deactivates Background Music.
- Mute : - Operational only in handsfree mode. When pressed during an ongoing call, activates Mute feature.

- H/R : - When pressed during an external call, it parks the call.
- When pressed while receiving internal dial tone, it recalls the longest waiting parked 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.
- Flash : - When pressed during an ongoing call, it holds the call.
- When pressed while there is a call on hold, it retrieves the call.
-  : - When pressed when the telephone is idle, it activates / deactivates handsfree mode. In handsfree mode, the telephone may be used without lifting the handset.
- When pressed twice successively during an ongoing conversation through the handset, it activates monitor state. In monitor state, the incoming voice is received via both the speaker and the handset whereas the outgoing voice is transmitted only via the handset.
- : - When pressed during and ongoing call in handsfree mode, it decreases the received volume level.
- When pressed while typing numbers or letters in Phone Book menu of the Setting Mode, it deletes the last entered character.
- + : - When pressed during and ongoing call in handsfree mode, it increases the received volume level.

- < : - Scrolls to the previous LCD message. The character "<" appearing at the beginning of a message on the LCD suggests that you may scroll to the previous option 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 to the next option using this key.
- ✓ : - Activates the displayed action/function.

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.

Except for # and *, these keys are also used to type characters in the *Phone Book* menu of the *Setting Mode*. The character mapping of these keys is as follows:

- "1" → (space) 1 . , -
- "2" → A B C 2 #
- "3" → D E F 3 →
- "4" → G H I 4 &
- "5" → J K L 5 !
- "6" → M N O 6 ?
- "7" → P Q R S 7
- "8" → T U V 8 +
- "9" → W X Y Z 9
- "0" → 0 () : =

Selection among the characters is made by pressing the relative key repetitively.

5. **Handsfree LED**

It is illuminated during handsfree operation.

6. **Mute LED**

It is illuminated when the *Mute* feature is activated by the *Mute* key.

Setting Mode










The *Setting Mode*, which may be activated as described on pg 8, includes various 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,
 - Eprom Version,
 - Lazy Mode
 - Language,
 - Private Pool Entry,
 - Metering Pulse Price ⁽¹⁾,
 - Signal Beep Option ⁽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.
5. Phone Book: ⁽³⁾
 - Find,
 - Add,
 - Edit,
 - Clear,
 - Welcome Message.

- (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 FT200 that warns the user for the new incoming call that is received when the telephone is busy.
- (3) Following are the main points to use the *Phone Book* menu:
 - The *Phone Book* entries are used only for the purpose of displaying names on the LCD.
 - At most 100 entries can be stored in the *Phone Book*.
 - The name and the telephone number of the *Phone Book* entries can be at most 8 characters.
 - Either an extension number or an external number can be stored in the *Phone Book*:
 - For the extension numbers, the stored name appears on the LCD instead of the extension number.
 - For the external numbers, the stored name appears on the LCD when the telephone is ringing and in the *Missed Calls* records.
 - The *Welcome Message* can be at most 20 characters. It appears on the LCD when the telephone is idle and there is no *Status Message*.

How To Enter The Setting Mode

	Press <i>Menu</i> key.
 	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.
	Press <i>Handsfree</i> Key to exit the <i>Handsfree Mode</i> .

- **NOTES**

- If *Back* (<) key is pressed while scrolling through the sub-menus, the main menu message appears on the display.
- You may also lift the handset and then press & hold *Check* (✓) key until the second “beep” to enter the *Setting Mode*.

Memory Keys

How To Program Memory Keys

The *Memory Keys* are not preset 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 9 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” (the LED lights up green). If a feature is to be assigned to its *Secondary Function*, then the key should be pressed until the second “beep” (the LED lights up red).
- To program the *Memory Keys* for certain system features, you are required to select the feature among the alternatives as indicated by the LCD messages. The features and their LED status are listed below:

<u>Feature</u>	<u>LED Status (Red)</u>
Follow Me	ON: Active.
Call Back	ON: Active.

Do Not Disturb	ON: Active.
Phone Lock	ON: Phone locked.
Three Party Conference	-
Pager	ON: Active.

- 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			Primary	Second.
E 1126	E. 1110			E. 1118	E 1134
E 1127	E. 1111			E. 1119	E 1135
E 1128	E. 1112			E. 1120	E 1136
E 1129	E. 1113			E. 1121	E 1137
E 1130	E. 1114			E. 1122	E 1138
E 1131	E. 1115			E. 1123	E 1139
E 1132	E. 1116			E. 1124	E 1140
E 1133	E. 1117			E. 1125	E 1141

Option 2:

Second.	Primary			Primary	Second.
E. 1116	FN01			FN09	E. 1124
E. 1117	FN02			FN10	E. 1125
E. 1118	FN03			E. 1110	E. 1126
E. 1119	FN04			E. 1111	E. 1127
E. 1120	FN05			E. 1112	E. 1128
E. 1121	FN06			E. 1113	E. 1129
E. 1122	FN07			E. 1114	E. 1130
E. 1123	FN08			E. 1115	E. 1131

FN : Feature Number (Refer to pg 8)

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

If the 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 lighting up red.
- 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* without lifting the handset; the handsfree mode and the *Memory Key’s* assigned feature are automatically activated.

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

- a) *Extensions*: You may;
 - Call an extension by 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:

ON (Red)	: Busy.
OFF	: Idle
BLINKING (Red&Slow)	: Ringing
BLINKING (Red&Fast)	: Parked
BLINKING (Red&Green)	: Left off-hook
- b) *Lines*: You may;
 - Access the line you wish by 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:

ON (Red)	: Busy
OFF	: Idle
BLINKING (Red&Slow)	: New incoming call
BLINKING (Red&Fast)	: A parked call
BLINKING (Red&Green)	: Out of service

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

- Call the required *Common Pool / 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.

Some operations included in this manual are country dependent, therefore, may work differently or not function at all in your country. In this case please contact your authorized distributor for the actual specifications.