

**ST200
DIGITAL
PROPRIETARY
TELEPHONE**

**EASY TO USE
OWNER'S GUIDE**

Edition 2.0

I. INTRODUCTION

ST200 is a proprietary digital telephone set designed for digital interfaces of Karel DS series PABXs.

This guide is to give information about the structure of ST200 and the ways of using it efficiently.

This guide has two main parts:

- 1) Some brief information about the telephone.
- 2) The use of the facilities of the telephone.

II. AN OVERVIEW

ST200 is a proprietary digital telephone set with two-wire line connection.

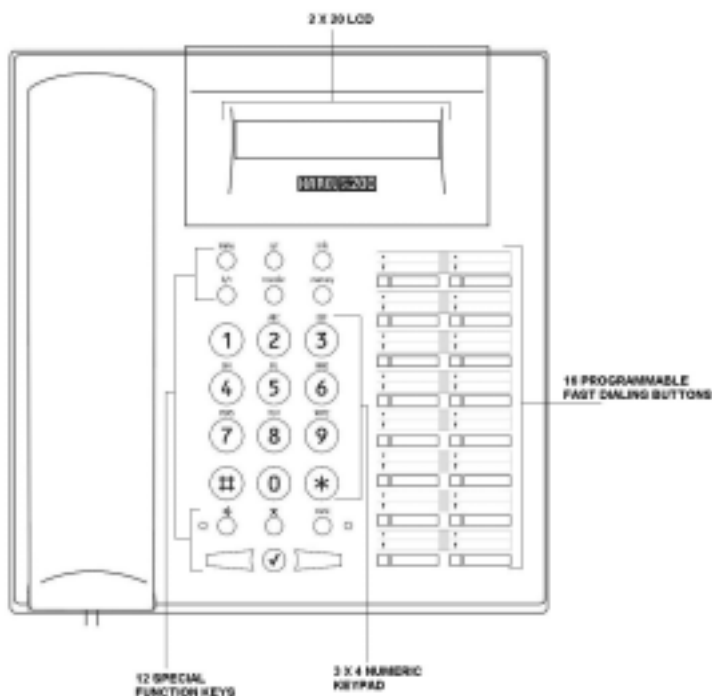
ST200 has a digital communication protocol with the Karel DS series PABXs which is very similar to ISDN, therefore ST200 support many services listed below:

- Calling Line Identification Presentation (CLIP)
- Calling Line Identification Restriction (CLIR)
- Connected Line Identification Presentation (COLP)
- Connected Line Identification Restriction (COLR)
- Call Forwarding - Unconditional (CF-U), Busy (CF-B), No Reply (CF-NR)
- Multiple Subscriber Numbering (MSN)
- Advice of Charge - At Call Setup (AOC-S), During the Call (AOC-D), At the End of the Call (AOC-E)
- Terminal Portability (TP)
- Call Waiting (CW)
- Call Hold (CH)
- Three Party Conference (3PTY)
- Completion of Call on Busy Subscriber (CCBS)
- Completion of Call on No Reply (CCNR)
- Baby Calling
- Call Transfer

ST200 is a handsfree telephone set with:

- 1) 2 x 20 character LCD,
- 2) PC connection with an RJ11 type plug.
- 3) 16 double function fast dialing memory buttons,
- 4) 12 special function buttons,
- 5) Standard 3 x 4 numeric keypad.

The following figure is to give an idea about the outlook of the telephone.



The telephone also has a TAPI (Telephony Application Programming Interface) compatible PC interface called Iris Explorer. This interface allows you using your PC as your telephone. You can make any type of setting about your telephone via your PC, easily, thanks to the flexibility of PC environment

As ST200 is designed with the latest technology to meet all the customer requirements, it has some advanced functions.

- ST200 can handle 4 calls at a time. So, you can speak to someone while holding three parties on hold, ready to switch to them or to start a conference.
- ST200 has a phone book of 78 entries, in which the numbers and names of 16 characters can be recorded. When a call comes, the received number information is checked with the numbers in the phone book and if a match is found, ST200 informs you about the calling party with the name instead of the number.

- The call logging capability for 10 incoming and 10 outgoing calls can be used to view detailed information about the calls and you can call the logged calls easily.
- ST200 can receive the time and date information from the PABX automatically, and also the time and date can be set manually.
- For dialing numbers, ST200 presents you two methods:
 - 1) Overlap dialing: In this method, you can first lift the handset or activate the handsfree mode and then dial the number,
 - 2) N-Block Dialing: In this method, first you can dial the number and then lift the handset or activate the handsfree mode.

III. STRUCTURAL INFORMATION

III.1. 2 x 20 LCD

The LCD of ST200 displays lots of information related to the ISDN facilities and also related to the state of the telephone.

When the telephone is idle, the time and date information is displayed on the LCD.

When a call is received, the calling party number (or name if it is recorded in the phone book) is displayed on the LCD and then the charge information is shown if available on the PABX.

Also the menu driven programming structure of ST200 is directly controlled through the LCD.

III.2. LINE & PC CONNECTIONS

There are two connectors at the backside of ST200. One of them is an RJ11 type plug for digital line connection.

ST200 comes together with its connection cable. The cable is formed up of two main parts; a connection box for making the connection of the two wires coming from the system and a cable with RJ11 type plugs to make the connection between the connection box and the telephone.

The second connector is also an RJ11 type plug for PC connection. As ST200 can cooperate with any TAPI compatible software (the TAPI version must be 2.0 or higher), with an interface cable, ST200 can be connected to a PC. The signalization protocol of this port is:

Baud Rate	9600 Bps
Data Bit	8
Stop Bit	1
Parity	Even
RTS/DTR	On/Off

Iris Explorer, the TAPI compatible software of ST200, comes with ST200 and has a very useful user interface to gain access to all the facilities of ST200. Installing Iris Explorer makes the port settings automatically.

Detailed information about Iris Explorer can be found in Iris Explorer Easy To Use Owner's Guide.

III.3. 3 x 4 NUMERIC KEYPAD

The 3x4 Numeric Keypad consists of 10 numeric keys, an # and a * keys. All these keys generate DTMF tones. Also these keys are used to type characters to enter names into Phone Book. The character mapping of these keys is as follows:

"1" → (space) + - / 1 ; : < = > ?
"2" → A B C 2 a b c
"3" → D E F 3 d e f
"4" → G H I 4 g h i
"5" → J K L 5 j k l
"6" → M N O 6 m n o
"7" → P Q R S p q r s
"8" → T U V 8 t u v
"9" → W X Y Z 9 w x y z
"0" → ! " \$ % 0 & ' () , .
"*" → *
"#" → #

While entering characters into the phone book, pressing the keys repeatedly, you can switch between the available characters, and can move the cursor with "<", ">" keys (the details will be given in the following pages). However, if you press another key after entering a character, the cursor is moved to the next location automatically.

III.4. FAST DIALING MEMORY BUTTONS

ST200 has 16 fast dialing buttons each accompanied with a dual colour (red/green) LED. Each button has two memory locations so that you can record two features to each button and hence you can record as much as 32 features in the fast dialing buttons.

To activate the first feature (primary function) assigned to the button; the button should be pressed till a single beep is emitted.

To activate the second feature (secondary function) assigned to the button; the button should be pressed till two beeps are emitted.

The buttons can be programmed to activate any feature of the system. And with respect to the content of the primary function of the key, the LEDs may operate in different modes.

If any feature code is entered to the primary function of a button, then the LED does not operate. If an external number or extension number or a line number is entered to the primary function of the button, then the LEDs function in two different modes for each case:

- The LED on an external number:

State	Green LED
Not used	Off
Busy	On
Put on hold	Blinking

- The LED of an extension button:

State (defined by you)	Green LED	State (defined by others)	Red LED
Idle	Off	Idle	Off
Busy	On	Busy	On
Ringing	Blinking	Ringing	Blinking
On hold	Blinking fast	On Hold	On

Left off hook	Blinking fast
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- The LED of a line button:

States (defined by you)	Green LED	State (defined by others)	Red LED
Idle	Off	Idle	Off
Busy	On	Busy	On
Ringing	Blinking	Call coming	Blinking
Parked	Blinking fast	Parked	Blinking fast
Out of service	Blinking		Blinking

The methods to record numbers into the fast dialing buttons will be explained in the next sections.

The buttons for extensions or lines can be used for direct access to these extensions or lines, respectively. Also, these extensions and lines can be put on hold or can be retrieved by using the same keys if they are assigned to the Primary Functions of the keys.

When a Fast Dialing Button is pressed to access a port, ST200 directly accesses this port and establishes the communication if the called port is idle.

While the port is ringing the related LED blinks and when the connection is established the LED stays ON. If the same key is pressed again during the conversation then the port is put on hold. In any case, if the key is pressed again, the port on hold is retrieved. If there is another connection established while retrieving the on hold connection, the other connection is put on hold automatically.

If there are some Fast Dial Buttons empty, then when a new call is started by lifting the handset and dialing numbers from the 3 x 4 keypad, the bottom most empty key (right one has the priority) is dedicated to this call automatically and can be used to control this call, together with its LED.

Another useful facility of Fast Dial Buttons is the transfer information. Normally, by using a Fast Dial Button, a call can be put on hold to be transferred to another extension. But if, in case of transfer, the extension is busy then the call can be kept on hold till the busy extension gets idle and the extension number is recorded to the last call on hold. As soon as you retrieve the call, ST200 warns you with a message "Last Call xxx" (where xxx is the extension number that you wanted to transfer the call on hold) on the LCD about the transfer of the call to that specific extension.

III.5. FUNCTION KEYS

ST200 has 12 special function keys. The functions of these keys are fixed and cannot be changed. These keys are:

III.5.A. "MENU" KEY

This key is used to enable the setting options of ST200. The menu structure will be explained in the SETTING MODE section.

III.5.B. “c/r” KEY

This key has two functions for two different states of ST200.

Conference:

If there is call on hold and also if there is an ongoing call, pressing this key starts the conference between the three parties.

During an ongoing conference, pressing this key will maintain the original state (a party on hold and two parties conversing).

Last Number Redial:

If the key is pressed when the telephone is idle, the last called number is called automatically.

III.5.C. “INFO” KEY

This key is used to display the call logging information and some other related information on the LCD.

Incoming Calls

The last 10 incoming calls are listed in this option. For these calls, the calling party number (or name if recorded in the phone book), date, time and answered or missed information is displayed.

For the answered calls

2	5	A	p	r	i	l	0	0			1	2	:	1	5	
A	n	s	w	e	r	e	d	3	4	7	4	1	9	6		

For the missed calls

2	5	A	p	r	i	l	0	0			1	2	:	1	5
M	i	s	s	e	d	3	4	7	4	1	9	6			

will be displayed.

The last call received is shown first. And the rest are sorted with respect to the time and date.

While seeing the first call information you can :

- Navigate among the call records by using “<”, “>” keys.
- Press “Info” key to see the 10 last outgoing calls.
- Press “√” key to call the number displayed on the LCD.

Outgoing Calls

The last 10 outgoing calls are listed in this option. For these calls the time and date of the call and the called party number (or the name if it is recorded in the phone book) are displayed.

2	5		A	p	r	i	l		0	0			1	2	:	1	7	
C	a	l	l	e	d				3	4	7	4	1	9	6			

is displayed.

The last call made is shown first. And the rest are sorted with respect to the time and date.

- Navigate among the call records by using “<”, “>” keys.
- Press “Info” key to see the duration and cost of the last call.
- Press “√” key to call the number displayed on the LCD.

Last Call Duration and Cost

The duration and the cost of the last outgoing call is displayed.

L	a	s	t		C	a	l										
0	0	:	0	3					0	0	0	1	.	3	0	\$	

is displayed.

In this case you can:

- Press “Info” key to see the total duration and cost of the all outgoing calls.

Total Call Duration and Cost

The total duration and the total cost of the all outgoing calls is displayed.

T	o	t	a	l	C	a	l	l	s										
0	1	:	2	6			0	0	6	2	.	2	0	\$					

is displayed.

In this case you can:

- Press “Info” key to see the short messages.

Messages

The last 10 incoming or outgoing short messages can be displayed on the LCD.

2	5	A	p	r	i	l	0	0				1	2	:	1	4			
1	-	>	P	L	E	A	S	E	C	A	L	L	M	E					

The messages are sorted with respect to their receipt or sent time and date.

While seeing the sent or receipt message information with time, date and from / to information you can:

- Press “√” key to read the message.
- Navigate among the messages by using the “>”, “<”, keys.
- Press “Info” key to go back to the incoming call records.

While displaying any type of information by “Info” key, you can press “x” key to stop the operation and the telephone is set to idle state.

III.5.D. H/R KEY

Call Hold / Retrieve

With this facility an ongoing call can be put on hold so that you can accept a new incoming call or make another outgoing call.

- To hold a call, press the “H/R” key. As much as 3 calls can be put on hold at the same time.
- To retrieve a call press H/R key. If there are more than one call on hold, press this key successively till you retrieve the desired call.

Call Transfer

With this facility you can transfer a call to another extension, so that he / she may go on the conversation.

- To make a call transfer, press H/R key and dial the extension number to make the transfer and finally press Transfer key.

Serial Call Transfer

With this facility the calls that you transfer to other extensions, return back to you when the extensions to whom the calls were transferred hang up.

- To make a serial call transfer, press H/R key, dial 48 and then the extension number and press Transfer key.

A call, which is serially transferred, can only be disconnected by the extension that initiates the serial call transfer.

Call Park / Retrieve

With this facility you can park your calls, so that you can use your telephone at your discretion and also you or some other extensions may retrieve them.

- To park a call, press H/R key and dial 47.
- To retrieve the parked call from your own telephone dial 44.

- To retrieve a parked call from another telephone dial 45 and dial the parking extension number or dial the parked line number.

III.5.E. TRANSFER KEY

This key is used to transfer a call on hold to the party, to whom you are connected.

III.5.F. MEMORY KEY

This key has two different functions:

Search for a record

You can search a number or name in the phone book. Press the Memory key till a single beep is emitted. Then the first entry in the phone book is displayed. Then you can navigate among the records using ">", "<" keys. When you reach the desired call record, press "✓" key to call the number.

Instead of using ">", "<" keys, while seeing a record on the LCD, you can type the first character(s) or fully a name and then press "✓" key to automatically search it. ST200 displays the closest match on the LCD. Then press "✓" key to call the desired number.

Make a new record

You can add new contact information to the phone book, following the steps below:



1. Press and hold the Memory key till the second beep is emitted. Then the name of the new contact will be asked to you.
2. Type the name using 3 x 4 keypad and also "x" key as backspace.
3. Press "✓" key to pass to number entry.
4. Type the number.
5. Press "✓" key. An empty memory location number is shown to you as the location to which this new record will be saved.

6. Use “<” and “>” keys to select the desired location.
7. If you want to assign this number to a fast dialing button also, press the relevant fast dialing button (one beep for the first number location, two beeps for the second number location).
8. If you don't want to assign this number to a fast dialing button, then press “✓” key to save your record.

III.5.G. HANDSFREE KEY

This key activates the handsfree mode of ST200. When the handsfree mode is active the near-by LED turns on. The handsfree mode of ST200 is half-duplex. Handsfree mode is activated automatically when a fast dialing button is pressed.

During normal connection:

- Press “” key and hang up the handset to switch to handsfree mode.
- Press “” key twice to activate the monitor state, so that the received voice is emitted through both the handset and the speaker, however your voice is sent only through the handset.

III.5.H. “X” KEY

This key has several uses:

- When used during the programming, it is used to switch back to the upper menu.
- If used when a call is ringing, it rejects the call.
- If used during an ongoing call, the active call is ended but the calls on hold remains on the line.
- If pressed short while typing characters or numbers in the setting mode it clears the last character or digit, if pressed long, it clears all the characters or digits.

III.5.I. MUTE KEY

This key activates the Mute function, so that the party cannot hear you but you can hear him / her. Pressing this key in a Mute state, the mute function is cancelled. When mute function is active the near-by LED turns on.

III.5.J. “<” KEY

This key has several uses:

- If used during an ongoing call, it decreases the received voice level.
- If used in the Setting Mode, it navigates backwards.
- If used in Phone Book and MSN menus, it navigates backwards.

III.5.K. “>” KEY

This key has several uses:

- If used during an ongoing call, it increases the received voice level.
- If used in the Setting Mode, it navigates forwards.
- If used in Phone Book and MSN menus, it navigates forwards.

III.5.L. “✓” KEY

This key has several uses:

- If used during the setting mode, it accepts the displayed or entered item.
- If used while a call is ringing, it accepts the call, the handsfree mode is activated automatically.

- If used during the missed calls are displayed, it calls the number automatically as activating the handsfree mode.
- If used while the call records are being displayed via “Info” key, it calls the displayed number automatically, as activating the handsfree mode.

III.5.M. SPECIAL FACILITIES, WHICH ARE NOT RELATED TO ANY KEY

Intrusion

You can intrude the conversation of a busy extension. If the called extension is busy, “Call Back? >” message is displayed on the LCD. If in this case, “>” key is pressed, then “Intrude?” is displayed. Pressing “√” key you can intrude the conversation.

Call Back

When you call a busy or not answering party, Call Back? is displayed on the LCD. Pressing “√” key you can activate call back facility. In this case, PABX will inform you, when the party is ready to be called.

IV. SETTING MODE

The Setting Mode of ST200 is activated by the Menu Key when the telephone is in idle state. Once the Menu key is pressed the first menu of the Setting Mode is displayed on the LCD.

The menus available:

Phone Book
Ringer
Messages
Services
Security
Settings
MSN

The menu structure of ST200 is formed up of the main menus given above and the sub-menus in these main menus.

You can navigate among the menus or sub-menus by using the “<” and “>” keys. To enter in a menu or a sub-menu or to select a parameter you must press “√” key.

The details about each menu are given below:

IV.1. PHONE BOOK

In the Phone Book of ST200, any system facility can be recorded. Any code that user dials to activate any feature manually from his telephone can be directly added in the Phone Book and associated to a fast dialing button for easy access. This can be an external number with a line access code at the beginning, an extension or line number or any feature activation code.

This menu has the following sub-menus:

- Add
- Edit
- Erase
- Associate
- Dissociate

IV.1.A. ADD

When this sub-menu is selected, if the phone book is not totally full, the following steps are traced:

1. Type the name by using the 3 x 4 keypad. "x" key can be used to erase wrong entry. *
2. Press "✓" key to save the name and to pass the number entry.
3. Type the number by using the 3x4 keypad. "x" key can be used to erase wrong entry. **
4. Press "✓" key to save the number and to pass the memory location selection.
5. Select the memory location you like by using the "<" and ">" keys (if you don't like to save the record into the memory location offered by the ST200).
6. Press "✓" key to save the record.

If the phone book is full, ST200 informs you with a message and you cannot add a new record and.

** You can add any facility code in the phone book and hence in the name field you can type any name which is explanatory for you.*

*** All the numbers entered must be the same codes that you have to dial in manual dialing case.*

For example:

To add an external number you must first put a line access code and then the external number. i.e. If the external number is 3474196 and line access code is "9" then "9" 3474196 should be recorded.

IV.1.B. EDIT

When this sub-menu is selected, the first record in the phone book is displayed and then the following steps are traced:

1. Search for the record to be edited, by ">" and "<" keys or by typing the first character(s) or all the characters of the name and pressing "✓" key.
2. Press "✓" key when the record to be edited is displayed on the LCD.
3. If you want to make a modification on the name, you can use "x" to erase some or all characters of the name and type the new name

and press “✓” key to pass to the number entry. If you don’t want to make any modification press “✓” key to pass to number entry.

4. If you want to make a modification on the number, you can use “x” to erase some or all digits of the number and type the new number and press “✓” key to pass to the memory location entry. If you don’t want to make any modification press “✓” key to pass to memory location entry.
5. If you want to change the location of the record, you can use “<” and “>” keys to select the new location. If the location is full, “Occupied” message is shown. Press “✓” key to save the modifications.

IV.1.C. ERASE

When this sub-menu is selected, the first record in the phone book is displayed and then the following steps are traced:

1. Search for the record to be erased, by “>” and “<” keys or by typing the first character(s) or all the characters of the name and pressing “✓” key.
2. Press “✓” key to erase when the record to be erased is displayed on the LCD.

IV.1.D. ASSOCIATE

When this sub-menu is selected, the first record in the phone book is displayed and then the following steps are traced:

1. Search for the record to be associated with a fast dialing button, by “>” and “<” keys or by typing the first character(s) or all the characters of the name and pressing “✓” key.
2. Press “✓” key to associate when the record to be associated is displayed on the LCD.
3. Press the fast dialing button to associate the number (press short till a single beep is emitted to associate the number as the primary function, press long till the second beep is emitted to associate the number as the secondary function).

IV.1.E. DISSOCIATE

When this sub-menu is selected, the following step is traced:

1. Press the fast dialing button to dissociate the number (press short till a single beep is emitted to dissociate the number as the primary function, press long till the second beep is emitted to dissociate the number as the secondary function).

IV.2. RINGER

This menu has the following sub-menus:

- Volume
- Pitch

IV.2.A. VOLUME

When this sub-menu is selected, the current ring volume level is displayed and the following step is traced:

1. Use the “<” and “>” keys to set the level of the ring volume among level 0 and level 12.

IV.2.B. PITCH

When this sub-menu is selected, the first defined number of your telephone is displayed on the LCD and following steps are traced:

1. Use the “<” and “>” keys to navigate among the numbers of your telephone defined by the MSN menu.
2. Press “√” key to select the number for which you will select the ring pitch.
3. Use the “<” and “>” keys to set the new pitch of the ring among 10 different pitches.

IV.3. MESSAGES

This menu has the following sub-menus:

- Last Messages
- Saved Messages
- New Messages

IV.3.A. LAST MESSAGES

When this sub-menu is selected, the last message received or sent is displayed on the LCD and the following steps are traced:

1. Use “<” and “>” key to select the message among the last messages.
2. Press “✓” key to see the content of the message. If you want to modify the message, you can use “<” and “>” keys to move the cursor, “x” to erase the characters and 3x4 keypad to type the new message.
3. Press “✓” to confirm the message.
4. Type the number of the extension to whom this message will be sent.
5. Press “✓” to send the message.

IV.3.B. SAVED MESSAGES

ST200 has some preset messages, which are listed below:

- Please Call Me
- Meeting at 10:30
- Call Me very Urgently
- Please Call 1110
- Please Come to Conference Room

When this sub-menu is selected, the first saved message is displayed on the LCD and the following steps are traced:

1. Select the message to send by using “<” and “>” keys.

2. Press “✓” key. If you want to modify the message, you can use “<” and “>” keys to move the cursor, “x” to erase the characters and 3x4 keypad to type the new message.
3. Press “✓” to confirm the message.
4. Type the number of the extension to whom this message will be sent.
5. Press “✓” to send the message.

Once you modify a saved message this modification will be valid for next uses of this saved message also.

IV.3.C. NEW MESSAGE

When this sub-menu is selected, the cursor appears at the first character location and the following steps are traced:

1. Type your message by using 3x4 keypad and “x” key as the backspace.
2. Press “✓” key to confirm the message.
3. Type the number of the extension to whom this message will be sent.
4. Press “✓” to send the message.

IV.4. SERVICES

This menu has the following sub-menus:

- Call Forwarding
- CLIR
- COLR
- Unit Cost
- Currency Unit
- Baby Calling
- Auto-Reply Mode

IV.4.A. CALL FORWARDING

When this sub-menu is selected, the first option for call forwarding is displayed and the following steps are traced:

1. Select the call forwarding option among “Unconditional”, “Busy”, “No Reply” by using “<” and “>” keys.
2. Select “Activate” or “Deactivate” by using “<” and “>” keys.
3. Press “√” key to activate or deactivate.
4. If activate is selected, then select your telephone number among the MSN numbers you have for which you want to activate the call forwarding, and press “√” key.
5. Type the telephone number to which your calls will be forwarded and press “√” key.

IV.4.B. CLIR

When this sub-menu is selected, if CLIR is not active, “Activate?” is asked, however if CLIR is already active then “Deactivate?” is asked and you can:

1. Press “√” key to activate or deactivate CLIR.

IV.4.C. COLR

When this sub-menu is selected, if COLR is not active, “Activate?” is asked, however if COLR is already active then “Deactivate?” is asked and you can:

1. Press “√” key to activate or deactivate COLR.

IV.4.D. UNIT COST

When this sub-menu is selected, the current unit cost parameter is displayed on the LCD and the following steps are traced:

1. Use “<”, “>”, “x” keys and the 3x4 keypad to type the new unit cost parameter.
2. Press “√” to confirm the new parameter.

The “#” symbol between the digits denotes the decimal part of the number. For example 23#30 means 23.30.

IV.4.E. CURRENCY UNIT

When this sub-menu is selected, the current currency is displayed on the LCD and the following steps are traced:

1. Use “x” key and 3x4 keypad to type the new currency.
2. Press “√” to confirm the new currency.

IV.4.F. BABY CALLING

When this sub-menu is selected, if Baby Calling is not active, “Activate?” is asked, however if Baby Calling is already active then “Deactivate?” is asked and you can:

1. Press “√” key to activate or deactivate Baby Calling.

Once Baby Calling is activated, the calls coming to your telephone is directly connected to your telephone without ringing and the external party can listen to the room through the handsfree mode.

IV.4.G. AUTO-REPLY MODE

When this sub-menu is selected, if Auto-reply Mode is not active, “Activate?” is asked, however if Auto-reply Mode is already active then “Deactivate?” is asked and you can:

1. Press “√” key to activate or deactivate Auto-reply Mode.

Once Auto-reply Mode is activated, the incoming call rings once, the handsfree mode of the telephone is automatically activated and thus the call is answered.

IV.5. SECURITY

This menu has the following sub-menus:

- Password
- Lock
- Duration
- Charge

IV.5.A. PASSWORD

When this sub-menu is selected, the current password is asked and the following steps are traced:

1. Type the current password (the initial password is 123) and press “✓” key.
2. Type the new password (at most 6 digits) and press “✓” key.
3. Type the new password again and press “✓” key.

By default the password is 123.

IV.5.B. LOCK

When this sub-menu is selected, the password is asked to lock the telephone and you should:

1. Type the password and press “✓” key to lock the telephone.

Once the telephone is locked, no calls can be made unless the correct password is entered. And once the correct password is entered to make a call the telephone is unlocked.

IV.5.C. DURATION

This sub-menu has three options:

Set Limit

Display Limit

Reset

Set Limit

When this option is selected, the password is asked and the following steps are traced:

1. Type your password and press “✓” key.
2. Type the limit in “three digits hour” + “#” + “two digits minute” format.
E.g. 002#30 means 2 hours and 30 minutes.
3. Press “✓” key to confirm the limit.

To clear the limit 000#00 must be entered as the limit.

Display Limit

When this option is selected, the Duration Limit / Total Time is displayed on the LCD. Press “x” key to exit.

Reset

When this option is selected the password is asked and the following steps are carried:

1. Type your password.
2. Press “✓” key to reset the total time you spent for your calls.

IV.5.D. CHARGE

This sub-menu has three options:

Set Limit
Display Limit
Reset

Set Limit

When this option is selected, the password is asked and the following steps are traced:

1. Type your password and press “✓” key.
2. Type the limit (the limit can be at most 5 digits).
3. Press “✓” key to confirm the limit.

To clear the limit 0 must be entered as the limit.

Display Limit

When this option is selected, the Charge Limit / Total Charge is displayed on the LCD. Press “x” key to exit. Charge limit displayed on the LCD is “the limit set by the Set Limit option” x “Unit Cost”.

E.g If the limit is 10 and the unit cost is 2 then the Charge limit is displayed as 20.

Reset

When this option is selected the password is asked and the following steps are carried:

1. Type your password.
2. Press “✓” key to reset the total time you spent for your calls.

IV.6. SETTINGS

This menu has the following sub-menus:

- Key Sound
- Date
- Time
- Alarm
- Microphone
- Version

IV.6.A. KEY SOUND

When this sub-menu is selected, if Key Sound is not active, “Activate?” is asked, however if Key Sound is already active then “Deactivate?” is asked and you can:

1. Press “√” key to activate or deactivate Key Sound.

When Key Sound is active, each time you press a key a beep is emitted.

Warning: If you deactivate the key sound, then the single or double beeps to differentiate the Primary and Secondary functions of the Fast Dialing Buttons are also deactivated and this may cause confusions.

IV.6.B. DATE

When this sub-menu is selected, the current date of ST200 is displayed on the LCD as the cursor is on the day field and the following steps are carried:

1. Move among the day, month and year fields by using the “√” and “x” keys. “√” key moves the cursor forwards and “x” key moves the cursor backwards.
2. To modify a field use “<” and “>” keys to decrease and increase the field value, respectively.
3. Press “√” key to save date and exit.

IV.6.C. TIME

When this sub-menu is selected, the current time of ST200 is displayed on the LCD as the cursor is on the hour field and the following steps are carried:

1. Move among the hour and minute fields by using the “√” and “x” keys. “√” key moves the cursor forwards and “x” key moves the cursor backwards.
2. To modify a field use “<” and “>” keys to decrease and increase the field value, respectively.
3. Press “√” key to save time and exit.

IV.6.D. ALARM

When this sub-menu is selected, 00:00 is displayed on the LCD as the cursor is on the hour field and the following steps are carried:

1. Move among the hour and minute fields by using the “√” and “x” keys. “√” key moves the cursor forwards and “x” key moves the cursor backwards.
2. To modify a field use “<” and “>” keys to decrease and increase the field value, respectively.
3. Press “√” key till you exit the alarm window.

IV.6.E. MICROPHONE

When this sub-menu is selected, the volume level of the microphone can be selected among three different levels:

High
Medium
Low

1. Move among the “<” and “>” keys to switch the level parameter.
2. Press “√” key to set and exit the microphone volume level.

IV.6.F. VERSION

When this sub-menu is selected, the software version of ST200 is displayed on the LCD. Pressing “✓” or “x” keys you can exit this sub-menu.

IV.7. MSN

This menu has no sub-menus.

ST200 can have 2 different telephone numbers and to discriminate the calls coming to different numbers you can define different ring patterns (itches).

When this menu is selected the first number location is displayed on the LCD and the following steps can be carried:

1. Use “<” and “>” keys to navigate among the locations.
2. Press “✓” key to set the number for the desired location.
3. Type the number and press “✓” key to confirm the number.