

# **IRIS ISDN TELEPHONE**

## **EASY TO USE OWNER'S GUIDE**

**Edition 1.0**



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# **I. INTRODUCTION**

IRIS is a EURO ISDN (DSS1) compatible ISDN telephone from Karel. This guide is formed up of two main parts:

- 1) Some brief information about the telephone is given.
- 2) How to use the ISDN facilities and how to use the facilities of the telephone itself are explained.

The EURO ISDN supplementary services mentioned in this guide can be used if they are subscribed from the central office. Otherwise, the facilities, which are not supported by the central office, cannot be used.



## II. OVERVIEW ON IRIS

IRIS is a EURO ISDN (DSS1) compatible telephone set.

This standard structure of IRIS makes it a multi-purpose telephone set, since it can be used a multi function desktop telephone or a special PABX telephone when connected to a DS200 PABX system of KAREL or any other brand's PABXs which support internal ISDN ports. When connected to an ISDN extension of DS200, you can use IRIS as a special system telephone, as well.

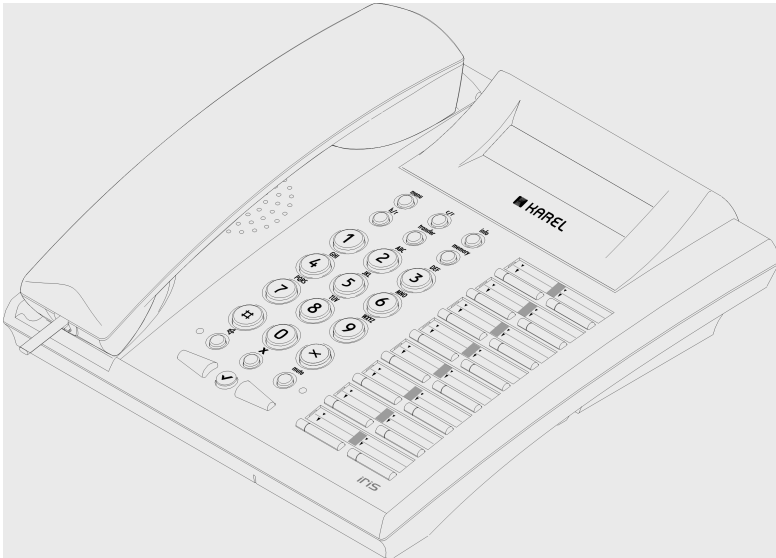
IRIS supports almost all the EURO ISDN supplementary services, the list of which is given below:

- 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

IRIS is a handsfree telephone set with:

- 1) 2 x 20 character LCD,
- 2) 16 double function fast dialing memory buttons,
- 3) 12 special function buttons,
- 4) 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 compatible PC interface called IRIS Explorer. This interface allows you using your PC as your telephone. Thanks to the flexibility of PC environment, as you can make any type of setting about your telephone via your PC, easily. The details about this PC interface is given in the related guide “IRIS EXPLORER EASY TO USE OWNER’S GUIDE”.

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

- IRIS 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.
- Also, IRIS has a phone book of 78 entries, in which the numbers and names of 16 characters can be recorded, and when a call comes, the received number information is checked with the numbers in the phone book and if a match is found, IRIS informs you about the calling party with the name instead of the number.
- Also the call logging capability for 10 incoming and 10 outgoing calls can be used as a simple secretary as you can view detailed information about the calls and you can call the logged calls easily.



- IRIS can receive the time and date information from the network automatically, and also the time and date can be set manually.
- Also, for dialing numbers, IRIS 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 IRIS 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 part 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 network.

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

#### III.2. 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 #
- "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 ~ ! ? =

While entering characters into the phone book, pressing the keys continuously, 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.3. FAST DIALING MEMORY BUTTONS**

IRIS has 16 fast dialing buttons. Each button has two memory locations so that you can record two numbers to each button and hence you can record as much as 32 numbers in the fast dialing buttons.

To call the first number assigned to the button, the button should be pressed till a single beep emits.

To call the second number assigned to the button, the button should be pressed till two beeps emit.

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

### **III.4. FUNCTION KEYS**

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

#### **III.4.A. “MENU” KEY**

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

#### **III.4.B. “c/r” KEY**

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

##### **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.4.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 unanswered 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 unanswered 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 (if available on the network) of the last outgoing call is displayed.

L	a	s	t	C	a	l	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 (if available on the network) 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	-	>		3	4	7	4	1	9	6									

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 your 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.4.D. H/R KEY

#### Terminal Portability

With this facility, a call can be suspended from one IRIS and can be resumed from another ISDN telephone, which supports this facility and connected to the same line.

- To suspend an ongoing call, press and hold H/R key till the second beep emits and then dial a digit from 0 to 9 to mark the call.
- To resume a call, press and hold the H/R key till the second beep emits and then dial the same digit that was used to mark the suspended call (0..9).

#### 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 (To be used only with DS200)**

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 (To be used only with DS200)**

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 (To be used only with DS200)**

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.4.E. TRANSFER KEY**

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

### **III.4.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 emits. 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. IRIS 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 emits. 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.4.G. SPEAKER KEY**

This key activates the handsfree mode of IRIS. When the handsfree mode is active the near-by LED turns on. The handsfree mode of IRIS 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 emits through both the handset and the speaker, however your voice is sent only through the handset.

### **III.4.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.4.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.4.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.4.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.4.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.4.M. SPECIAL FACILITIES, WHICH ARE NOT RELATED TO ANY KEY**

#### **Intrusion (To be used only with DS200)**

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, then network will inform you, when the party is ready to be called.



## IV. SETTING MODE

The Setting Mode of IRIS 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 IRIS 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

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 and the “x” key.

2. Press “✓” key to save the name and to pass the number entry.
3. Type the number by using the 3x4 keypad and the “x” key.
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 IRIS).
6. Press “✓” key to save the record.

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

### **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 emits to associate the number as the first number, press long till the second beep emit to associate the number as the second number).

#### **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 emits to dissociate the number as the first number, press long till the second beep emit to dissociate the number as the second number).

### **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.
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 8 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**

IRIS 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
- Port Status

### **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 the 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. PORT STATUS**

*Useful only with DS200*

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

1. Press “√” key to activate or deactivate Port Status.

Once Port Status is activated, the status of the extensions on the same expansion card of DS200 can be monitored. As there are eight ports on an expansion card of DS200, the numbers denoting the ports appear on the upper line of the LCD and the state parameter characters appear on the bottom line.

The state parameters are:

I : Idle  
B: Busy  
R : Ringing

To switch to the LCD showing the time and date, you should press “>” key. To switch back to the status window, you should press “x” key.

## **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 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:

4. Type your password and press “✓” key.
5. Type the limit (the limit can be at most 5 digits).
6. 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:

3. Type your password.
4. 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
- 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 emits.

### IV.6.B. DATE

When this sub-menu is selected, the current date of IRIS 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 till you exit the date setting window.

### **IV.6.C. TIME**

When this sub-menu is selected, the current time of IRIS 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 time setting window.

### **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. VERSION**

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



## **IV.7. MSN**

This menu has no sub-menus. MSN menu is used to define the telephone number of your telephone, so that the telephone can make comparisons and rejects the calls, which are not sent to its own numbers.

IRIS can have 8 different telephone numbers (MSN configuration) and to discriminate the calls coming to different numbers you can define different ring patterns (pitches).

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.