Manual
FeaturePhone 175

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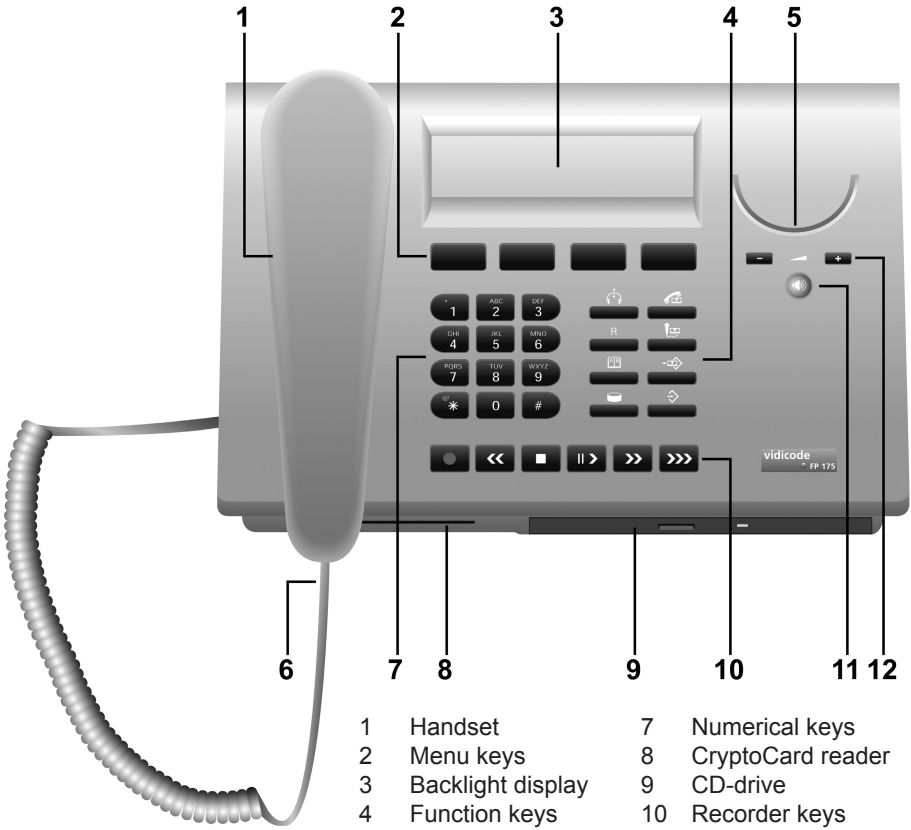
International Headquarters

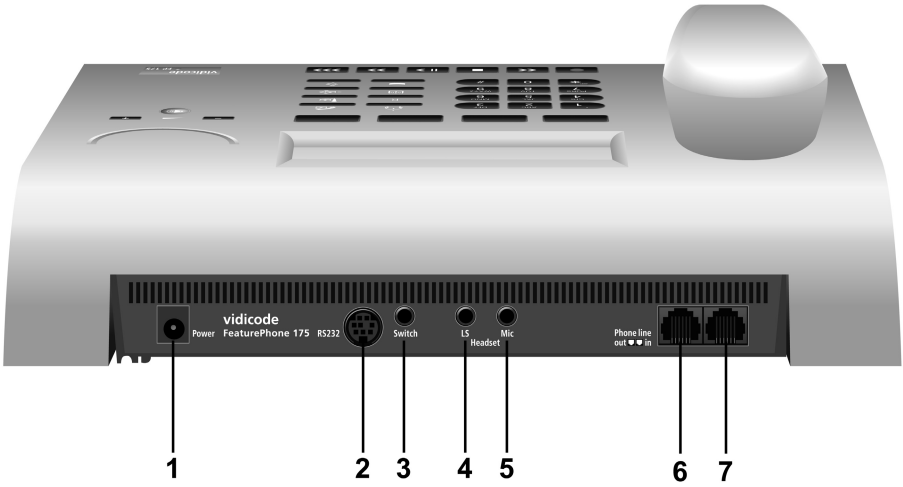
VIDICODE Datacommunicatie BV
Blauwroodlaan 140, 2718 SK Zoetermeer
The Netherlands
Tel. +31 79-3617181 Fax +31 79-3618092
vidicode@vidicode.nl www.vidicode.nl

USA

VIDICODE Datacommunications
P.O. Box 3288
Wilmington, N.C. 28406
Tel. 910.452.5600 Fax 910.254.3525
sales@vidicode.com www.vidicode.com



1	Handset	7	Numerical keys
2	Menu keys	8	CryptoCard reader
3	Backlight display	9	CD-drive
4	Function keys	10	Recorder keys
5	Speaker	11	Speakerphone key
6	Handset cord	12	Volume adjustment



1 Power supply
2 RS232 Serial connection
3 Switch
4 Loudspeaker
5 Microphone
6 Phone
7 Line

Record key

Rewind

Stop

Pause/Play

Forward

Skip

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1 Getting started

In this Chapter the connections of the FeaturePhone 175 are described.

1.1 Out of the box

In the box of the FeaturePhone 175 you will find:

1 FeaturePhone 175
1 Handset
1 curled handset cable with two RJ 10 connectors
1 7,5 volt AC power adapter
1 flat telephone cable with two RJ 11 connectors

1.2 Connecting the Handset

Connect the handset to the FeaturePhone 175 with the supplied curled cable with two RJ 10 connectors.

Connect the one side of the curled cable to the connector at the bottom of the handset.

Connect the other side of the curled cable to the handset connector at the bottom of the FeaturePhone 175.

1.3 Connecting the power supply

First connect the AC power adapter to the wall socket.

Then connect the mini jack of the adapter to the Power connector on the back side of the FeaturePhone 175.

1.4 Connecting to the telephone line

Connect the FeaturePhone 175 to the telephone line with the supplied flat cable with two RJ11 connectors.

Connect one end of the telephone cable to the telephone line wall socket. (If necessary use the supplied BT telephone line adapter)

Connect the other side of the telephone cable to the Line connector at the back of the FeaturePhone 175.

1.5 Setting the FeaturePhone 175 up for use

The general settings of the FeaturePhone 175 deal with the basic setup of the device.

General Settings cover:

Password protection, see § 10.1.2
CryptoCard, see § 10.1.3
Clock, see § 10.1.4
Language, see § 10.1.5

2 Using the FeaturePhone 175

The FeaturePhone 175 is a special telephone aimed at the automatic recording of telephone conversations. For this purpose the FeaturePhone 175 is equipped with a CD recorder. The FeaturePhone 175 can be connected to any regular analog telephone line and is used as a regular telephone. It has the ability to automatically record telephone calls as they are being made. Telephone calls are recorded in flash memory during the call. After the call has finished the recordings copied to CD. Both CD recordable and CD rewritable's can be used in the FeaturePhone 175.
The FeaturePhone 175 can also be used as headset telephone. The FeaturePhone 175 has a standard headset interface to which the optional headset can be connected. If desired the handset can be disabled when using the headset. The FeaturePhone 175 also features a speakerphone function.
Other features of the FeaturePhone 175 include the phonebook and microphone recording ability. Recordings can be encrypted using the CryptoCard option. Encrypted recordings can only be played using the same or a matching card to the card the recording was made with. The telephone can even be disabled without a CryptoCard present.

2.1 Handset / Headset / Speakerphone

The FeaturePhone 175 features a handset and speakerphone. Both control Hook contact: the Handset by a magnetic proximity detector, the speakerphone by the speakerphone key.

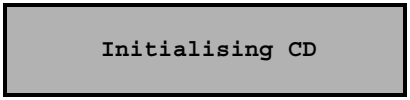
The handset control takes precedence over the speakerphone. If the handset is Off the hook, press the Speakerphone key to transfer the call to the speakerphone. The display will show "Speakerphone ON". Press speakerphone key again to transfer the call back to the handset. The display will show "Speakerphone OFF". If the call is on speakerphone and the handset is off the hook then putting down the handset will end the call.

An optional headset can be connected to the FeaturePhone 175. The headset and handset can be used interchangeably. When the headset is used the Hook control function key can be used for On and Off hook.

2.2 Initialising CD

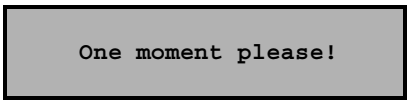
During use of the FeaturePhone 175 there are various moments where the CD drive has to be initialised before it can be read.

During initialisation the display will show:



At this point the FeaturePhone 175 cannot be used for any other functions. The initialisation of the CD may take upto 30 seconds.

At other moments when the CD is used the display will show:



Also at this point the FeaturePhone 175 cannot be used for any other operations.

2.3 Start a call

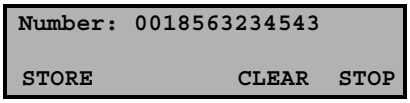
There are two ways to start a call.

Pick up the handset and wait for the dial tone. The display will show:

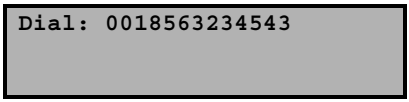
Dial the number and wait for the remote phone to ring.

It is also possible to use the FeaturePhone 175 in GSM style:

First enter the number. The display will show:



Now pick up the handset
The display will show:



The number is dialed

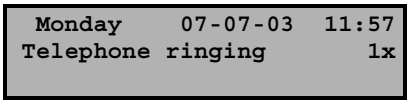
In stead of picking up the handset the speakerphone key can be used as well.

In case a headset is connected to the FeaturePhone 175 the Hook control function key can be used as well.

It is also possible to start a call from the Telephone book. See § 8.2

2.4 Accept a call

When the phone is ringing the display will show:



The FeaturePhone 175 will keep track of the number of rings that have passed.

Pick up the handset to accept the call.
The speakerphone key can also be used to accept the call.

In case a headset is connected to the FeaturePhone 175 the Hook control function key can also be used to accept the call.

2.5 End a call

A call is ended by placing the handset back on its rest or by pressing the speakerphone key when the speakerphone was used.

In case a headset is connected to the FeaturePhone 175 the Hook control function key can be used as well.

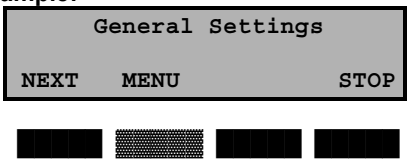
3 Operating the FeaturePhone 175

The FeaturePhone 175 has a common menu driven user interface. Most function and operations are initiated by pressing a function key followed by a sequence of display determined menu keys. The use of function keys and menu keys is indicated as follows:

Function keys
The most frequently used functions of the FeaturePhone 175 have been grouped in the function keys. Throughout the entire manual figures representing the function keys are used to indicate the function key corresponding to the described function. Pressing one of the function keys will always result in a display where the various options are assigned to the four menu keys.

Menu keys
After pressing a function key the available options are assigned to the four menu keys. The operation of the menu keys is determined by the text in the display right above the corresponding key. Throughout the entire manual figures representing the display together with the menu keys are used to show the required action corresponding to the described feature.

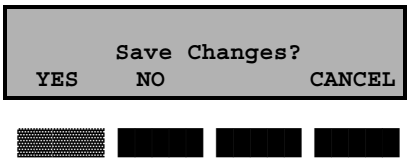
Example:



In this example you are instructed to press the menu key below the text **MENU** in order to open the General setting menu.

3.1 Save changes

When changes in the settings have been made the FeaturePhone 175 will prompt the user with the option to save the changes:



Press **YES** to save changes in the settings

Press **NO** to return to previous settings

3.2 Frequently used key indicators

The following menu key functions are consistently used throughout the manual.

MENU in the display indicates the presence of an underlying menu
Press **MENU** to open the underlying menu

NEXT in the display indicates the presence of more menu items
Press **NEXT** to jump to the following menu item

BACK in the display indicates the presence of an embracing menu
Press **BACK** to return to the embracing menu

STOP in the display indicates the absence of an embracing menu
Press **STOP** to return to operating mode of the FeaturePhone 175

CHANGE will toggle the item in the display between "On" and "Off"
In some cases **CHANGE** is used to increase or decrease a value.

After making settings the user is forced to press **YES** or **NO** before returning to operation mode.

4 Recording calls

By default factory settings all telephone calls are recorded. Recordings are primarily stored in flash memory. If a call is ended the recording is automatically copied to CD. The recording also remains in memory.

Automatic copying of recordings to CD can be disabled in the Recording Settings menu, see § 4.1. When Automatic copying is disabled recordings can be copied to CD manually as described in § 7.2.

When recordings have been copied to CD they can be played back by the FeaturePhone 175 but not on a PC. For the PC to be able to play the recordings the CD has to have a PC compliant directory. The CD can have an open or a closed directory. See § 7.3

4.1 Automatic recording

By default all calls are recorded automatically.

Automatic recording can be disabled in the Recording Settings menu, see § 10.3.2. When Automatic recording is disabled recording can be started manually using the recorder keys.

There is one exception to Automatic recording: When the use of the announcement message has been enabled recording of outgoing calls need to be started manually.

For incoming calls the recording announcement message is played when the phone is picked up.

For outgoing calls it is not possible to determine what the correct moment to play the message is. It has therefore been made that the recording is started manually and the message is played directly after the recording is started. The display will show **START** when the announcement message has been selected in the menu.

4.2 Copy recordings to CD

During a call the recording is stored in the memory of the FeaturePhone 175. Once the call has ended the recording is copied to CD. The automatic copying of recordings from memory to CD can be turned **ON** and **OFF** in the Recording Settings menu.

When Automatic copy to CD has been disabled the unwanted recordings can be removed from the memory. When all undesired recordings have been removed the remaining recordings can be copied to CD. The copying of recordings from memory to CD is described in § 7.2.

4.3 Making a CD readable for the PC

A CD can only be read by a PC when the CD contains a directory of all the files that are stored on the CD. For the FeaturePhone 175 this is not the case. The FeaturePhone 175 can read the recordings on the CD without the directory.
Creating a directory on the CD is described in § 7.3.

A CD can have more then one directory made.

The advantage of having a directory is that the CD can be read by the PC and the search for a recording by the FeaturePhone 175 is performed much faster, certainly when there are a large number of recordings on the CD.

The downside to creating a directory on the CD is that it takes up 16 Mb of storage space on the CD which is taken away from the storage capacity of the CD.

4.4 Notification

In certain countries or regions the recording of the telephone call has to be announced to the remote caller. There are two ways to let the remote caller know the call is being recorded

Notification tone. The notification tone is a regularly returning beep. The beep can be heard both by the local and the remote caller. The FeaturePhone 175 features a smart notification tone where the beep is sounded only when a silence occurs during the call. This way you can always be sure the remote caller will hear the beep.

Notification message: The notification message is a spoken message that can notify the callers the call is being recorded. The message has to be recorded first.
The sounding of the notification message is different for incoming and outgoing calls.
For incoming calls the message is sounded when the phone is being picked up. For outgoing calls the moment of playing the message is determined manually. The reason being that the FeaturePhone 175 cannot determine when the remote side picks up the phone. Even when Automatic recording is

enabled the recording of outgoing calls has to be started manually when the notification message is enabled. The recording is started by pressing **START** in the display. The notification message is played when the recording is started.

The notification tone and message can be enabled separately and together. See § 10.3.4 for details.

4.5 Recording quality

The recording quality refers to the format the file that the recording is stored in. The file format is determined by the way the recording is compressed. The compression in turn determines the file size and the quality of the recording.

The FeaturePhone 175 supports 5 different formats. The table below shows the relation between recording quality and storage capacity for a standard 700 Mb CD recordable.

Recording quality	**CD capacity**	**Bit stream**
G.711 A-law	25 hours	8000Bs
G.711 u-law	25 hours	8000Bs
Digitalk	191 hours	1062.5Bs
G.723 High rate	254 hours	800Bs
G.723 Low rate	307 hours	662.5Bs

4.6 Fax Recording

Fax recording is used for the recording of fax transmissions. A fax machine can be connected to the phone connection next to the line connection.

As an option the FeaturePhone 175 software can acquired with the ability to reconvert fax recordings back to the original fax image.

When fax recording is enabled a few recording properties are set automatically. Notification is turned Off because it interferes with the fax. Automatic Gain control is turned Off because it influences the recording volume. Recording quality is set to G.711 u-Law.

Setting Fax recording is described in § 10.3.9.

4.7 Microphone mode

The FeaturePhone 175 has three separate microphones.

The Handset microphone,
the headset microphone (if connected)
and the speakerphone microphone.

The microphone mode refers to which microphone is used for recordings other then calls, e.g. microphone recordings or welcome message recording.

The microphone mode is set in §10.3.10.

4.8 Automatic Gain Control

Automatic Gain Control adjusts the recording level of the local and remote voice to attain similar audio levels during playback of the recording. In normal use with a standard telephone line the Automatic Gain Control should not be necessary. Automatic Gain Control is set in §10.3.12

5 Search and play recordings

The FeaturePhone 175 has three different kinds of recordings. They are:

Call recordings,
Microphone recordings,
Answering machine messages.

Search and playback of these recordings is initiated with the corresponding function keys. There are three types of recordings:

Recorded calls,
Microphone recordings and
Answering Machine messages.

Each has its own Search and playback function key. See pg xxx.

The search and playback menus and operation thereof for the different recordings are virtually the same.

Recordings can be searched for according to Date and Code.
For all recordings the date of the recording is stored with the recording.
The Code of a recording can be addressed when storing the recording. By default the dialed number or the caller ID is used as code of a recording.

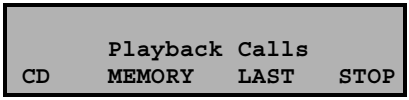
When a search is started one has to choose between searching the CD or the memory. Searching the CD or the memory is done in exactly the same way. The only difference between the two is that recordings can be removed from memory. Search and playback from memory is therefore always accompanied by a menu key **ERASE**.

During the search the * character can be used as a wildcard. The wildcard is default used for the Code search string. This way the search is performed on Date and time only. In the next paragraphs the searching for the various recordings is described.

5.1 Search recordings

Press one of the Playback function keys.

In this example the Playback Calls is used.



Options:
Press **CD** to search the CD for the desired recordings
Press **MEMORY** to search the memory for the desired recordings.
Press **LAST** to play the last recorded call. (If available)

When **CD** or **MEMORY** is chosen the search continues as below.

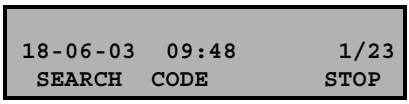
5.2 Search according to date

Following from the previous paragraph the display will show:

Enter the date of the call you want to search for.

Press **SEARCH** to execute the entered query.

The display will show:



In this case 23 recordings were found. Now the recorder keys can be used to select and play the recordings.

Other options are:

SEARCH to start a new search
CODE to expand the search to the code of the recording. The code search is described below.
STOP to quit searching.

5.3 Search according to code

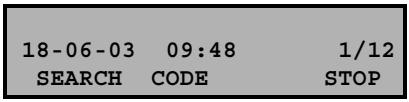
In the previous paragraph the search according to date has been described. The search can be expanded to incorporate the code of the recording. Throughout the search the code can be incorporated as follows:

Press **CODE** when you are in the search menu.

The display will show:

Enter the desired code you want to search for.

Press **SEARCH** to search for the entered code.



Now the recorder keys can be used to select and play the found recordings.

6 Answering machine

The FeaturePhone 175 has a simple answering machine with a single welcome message. Settings include:

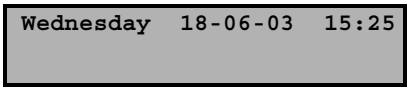
- Number of rings to answer on. This is the amount of rings to pass before the FeaturePhone 175 answers the phone
- Number of rings to always answer. This is the amount of rings to pass before the FeaturePhone 175 answers the phone when the Answering Machine was turned Off. Hereafter the answering machine stays turned on.
- Enable speaker after answer. This function turns the speaker on when the FeaturePhone 175 answers an incoming call. The playing of the welcome message and the caller leaving a message sounds through the speaker.
- Maximum message time. This function restricts the duration of the messages.

When new messages have been left on the machine the display will indicate this. Messages will be stored when they have been listened to. To playback messages see § 6.3.

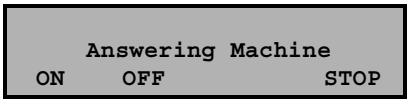
Depending on whether recordings are automatically copied to CD the messages will either be stored in memory only, or when Automatic copy to CD mode is active the messages will be copied to CD as well. Once messages have been copied to CD they cannot be removed anymore. When messages are saved in memory messages can be selected and erased individually.

6.1 Turn the answering machine On

When the FeaturePhone 175 is idle the answering machine can be turned on without entering the settings menu.



Press the far right menu key. (no indication in the display)



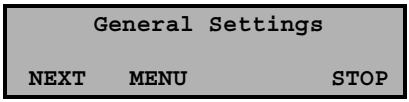
Press **ON** to turn the answering machine On.

To disable the answering machine follow the same instructions as above and press **OFF** to turn the answering machine Off.

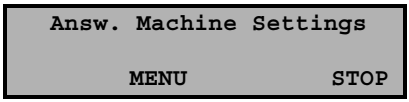
6.2 Record welcome message

The welcome message is the message the FeaturePhone 175 answers an incoming call with when the answering machine is turned on.

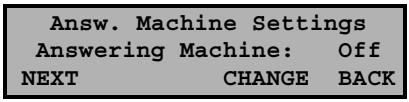
The welcome message is recorded through the handset.
Press **Configuration**



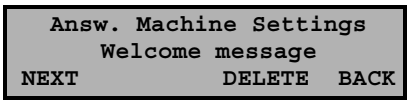
Press **NEXT** three times



Press **MENU**



Press **NEXT**



Press **Rec** key to start recording.
Press **Stop** key to stop the recording
Press **Play** key to play the welcome message

To record a new message press the **Rec** key again.
To save a recorded welcome message press **BACK** followed by **STOP**.

6.3 New Messages.

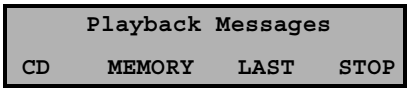
When there are new messages on the FeaturePhone 175 the display will say:

Press the **Playback messages** function key to start listening to the new messages. Playback of the new messages will start immediately.

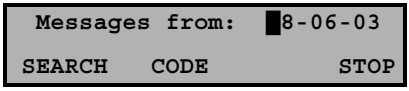
All the new messages have to be listened to before they are saved. During playback messages can be skipped with the **>>>** key. When all the new messages have been played you will be prompted whether to save or delete the messages.

6.4 Playback messages

Press Playback messages function key to start searching for messages.

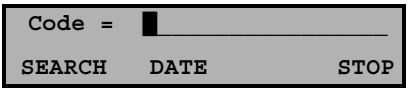


Press **CD** or **MEMORY** depending on where the messages you are looking for are located

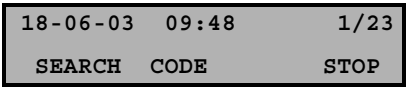


Enter the date of the messages or use * as a wildcard to leave date month or year open.

Press **SEARCH** to execute the entered query.
or
Press **CODE** to search according to code.



Press **SEARCH** to execute the entered query.

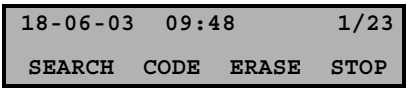


Now the recorder keys can be used to select and play the found messages.

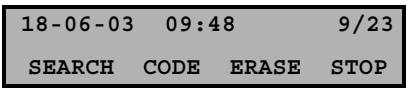
6.5 Remove messages

When the new messages have been saved in memory certain messages can be selected and erased. This is done as follows:

Perform a search for messages in memory as described in § 6.4.



Then use the recorder keys to select the message that has to be removed.



Press **ERASE** to remove the message.

When all messages that do not need to be saved are removed the rest of the messages can be saved by copying the memory to CD. See § 7.2 for a detailed description.

7 Operating the CD recorder

CD recordable has become the standard as carrier for digital data. The following paragraphs describe some features of the FeaturePhone 175 that have to do with the use and operation of the CD writing capabilities.

7.1 Free time left on CD

Press the Disk key to enter the disk menu.

The display will show:

```
Free time on CD = 252:48

NEXT   EJECT        STOP
```

The number in the display is an indication for the available recording space on the CD. Effectively the available recording space is slightly smaller due to space consumed when a directory is being made. See § 4.3 for details.

7.2 Copy Memory to CD

Press the Disk key to enter the disk menu and press **NEXT** once.

The display will show:

```
     Copy Memory to CD

NEXT   EJECT  START   STOP
```

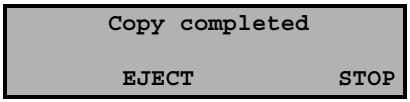
Press **START** to copy the recordings in Memory to CD.

The display will show:

```
     Copy Memory to CD

 YES     Start?       NO
```

Press **YES** to start copying the recordings.

When the FeaturePhone 175 is finished copying the display will show:



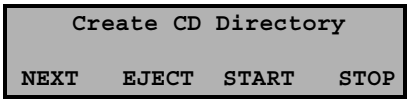
Press **STOP** to finish.

After copying the memory to CD the memory is cleared and the FeaturePhone 175 returns to idle.

7.3 Create CD directory

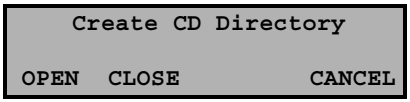
Press the Disk key to enter the disk menu and press **NEXT** twice.

The display will show:



Press **START** to start creating a directory.

The display will show:



Press **OPEN** or **CLOSED** to create an open or closed directory.

An open directory leaves the remaining space on the CD open for recording.

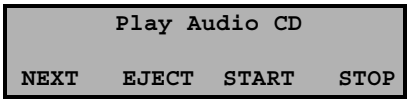
When a closed directory is made the CD cannot be used for recording after that.

7.4 Play audio CD

The FeaturePhone 175 is able to play regular audio CDs.

Press the Disk key to enter the disk menu and press **NEXT** three times.

The display will show:



Press **START** to start playing the Audio CD. If no Audio CD is available you will be prompted to insert an Audio CD.

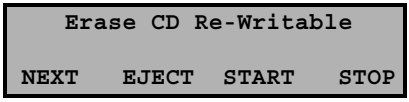
The recorder keys can be used to start/stop, FF and FW or skip the recordings.

7.5 Erase CD Re-Writable

In case a CD Re-Writable is used the recordings on the CD can be erased.

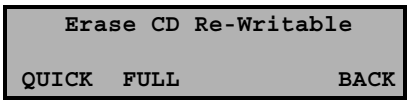
Press the Disk key to enter the disk menu and press **NEXT** four times.

The display will show:



Press **START** to proceed erasing the CD

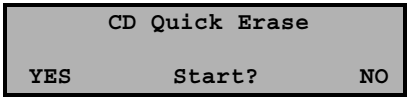
The display will show:



Press **QUICK** or **FULL** to proceed

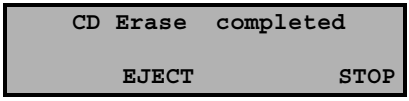
Choose **QUICK** to erase the CD quickly
Choose **FULL** to erase the CD thoroughly

The display will show:



Press **YES** to start erasing.

When the FeaturePhone 175 is finished erasing the display will show:



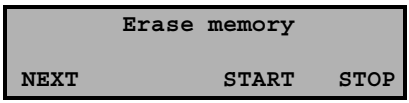
Press **STOP** to finish.

7.6 Erase memory

The memory of the FeaturePhone 175 can be erased as follows:

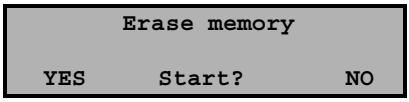
Press the Disk key to enter the disk menu and press **NEXT** five times.

The display will show:



Press **START** to proceed erasing the memory.

The display will show:



Press **YES** to start erasing the memory.

When the FeaturePhone 175 is finished the display will show:

```
Memory erase completed.

                      STOP
```

Press **STOP** to finish.

7.7 Total recordings

The FeaturePhone 175 has a few statistical abilities. The total amount of recordings and the oldest recording can be found easily, both for the recordings on CD and for the recordings in memory.

Press the Disk key to enter the disk menu and press **NEXT** six times.

The display will show:

```
     Total recordings

NEXT    CD    MEMORY  STOP
```

Press **CD or MEMORY** to find the total amount of recordings in the selected item.

The display will show:

```
     Total on CD = 234

NEXT    CD    MEMORY  STOP
```

Press **NEXT** to proceed to Oldest recording.

The display will show:

```
     Oldest recording

NEXT    CD    MEMORY  STOP
```

Press **CD or MEMORY** to find the oldest recording in the selected item.

The display will show:

```
      Oldest on CD =

NEXT    CD    MEMORY  STOP
```

Press **STOP** to finish.

7.8 Software update

The FeaturePhone 175 has the ability to update its software from CD.

Press the Disk key to enter the disk menu and press **NEXT** eight times.

The display will show:

```
      Software update

       EJECT   START   STOP
```

Place the CD with the software update in the CD drive and press **START**
It may take a few seconds for the FeaturePhone 175 to recognise the CD.

The display will show:

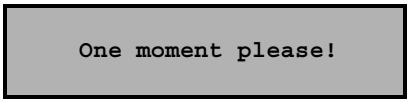
```
      Software update

  YES     Start?       NO
```

Press **YES** to start the software update.

While searching for the update the display will show:

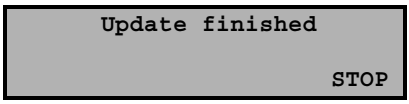
```
      Software update

  Busy......
```

The various software updates will be updated. During the updating the display will show:



WARNING! Do not interrupt the FeaturePhone 175 in any way at this point! Interrupting the software update may cause un-restorable failure in the FeaturePhone 175!

When the FeaturePhone 175 is finished the display will show:



Press **STOP** to finish.

8 The Telephone book

The FeaturePhone 175 has an extensive History and Telephone book function. When Caller ID is configured on your telephone line the FeaturePhone 175 will automatically display the dialing number when the telephone is ringing. Both the numbers of incoming and outgoing calls are stored in the history memory. By default the FeaturePhone 175 also stores the numbers as the code of the recordings.

8.1 Add a contact

Type in the number that you want to add to the telephone book

Press **STORE** to add the number to the telephone book.

Enter the name you want to store the number with.

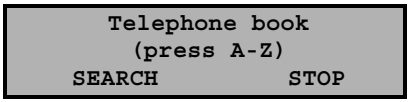
Press **STORE** to store the number

Press **YES** to store the entry in the Telephone book.

8.2 Making a call from the telephone book

Press the Telephone book function key.

The display will show:

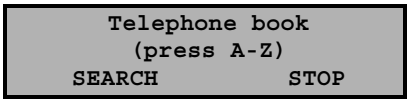


Press the numerical key corresponding to the name you want to search.

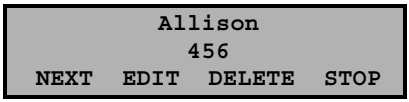
To dial the number, pick up the handset and the number will be dialed automatically when the dial tone has been detected.

8.3 Search a contact

Press the Telephone book function key



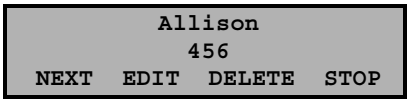
Press **SEARCH** to start the search in the telephone book. The first entry in the telephone book will be displayed



Press **NEXT** to scroll through the entries of the telephone book.

8.4 Edit a contact

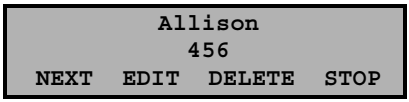
Go through the steps above to locate the entry in the telephone book you want to edit.



Press **EDIT** to edit the entry.
An identical display is shown as when adding a number to the telephone book.

8.5 Remove a contact

Go through the steps above to locate the entry in the telephone book you want to edit.



Press **DELETE** to remove the entry from the telephone book.

9 Using the CryptoCard

Encrypting recordings is done to prevent unauthorized playback of and listening to recordings. The FeaturePhone 175 uses a CryptoCard to encrypt recordings. The CryptoCard is a chip card that holds the key to the encryption and decryption. Encrypted recordings can only be played back together with the original or a matching CryptoCard.

The FeaturePhone 175 is equipped with a card reader specifically for this purpose, it is located on the right side of the device. CryptoCards can be obtained from your FeaturePhone 175 supplier. The use of the CryptoCard encryption function is default enabled by inserting a CryptoCard.

9.1 Insert the CryptoCard into the FeaturePhone 175

Insert the CryptoCard into the FeaturePhone 175 as shown in the figure.

9.2 The CryptoCard and its PIN and PUC code

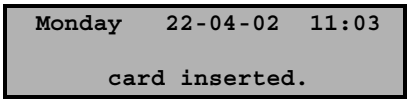
> The CryptoCard is supplied with a PUC code and a PIN code. The PIN code is a four-digit code and is requested by the FeaturePhone 175 to enable playback of recordings. The PUC code is a twelve-digit code and is used only when the card has been disabled. The PIN code can be changed with the FeaturePhone 175. See § 10.1.3.

A CryptoCard allows for two invalid PIN code entries. After the third invalid Pin code entry the CryptoCard is disabled. The next time the FeaturePhone 175 will ask for the PUC code to enable the card again. The CryptoCard allows for four invalid PUC code entries. After the fifth invalid PUC code entry the FeaturePhone 175 will disable the card definitively. It is advised to keep the PUC code in a safe place.

9.3 Making an encrypted recording

To make an encrypted recording it is essential that the Use CryptoCard function is enabled in the Recorder Settings menu. Enable the Use CryptoCard function as described in § 10.1.3. With Use CryptoCard enabled it is no longer possible to make normal, unencrypted recordings without disabling the Use CryptoCard function again.

Insert the CryptoCard in the card reader of the FeaturePhone 175. The display will show:



When a valid CryptoCard has been inserted all recordings made thereafter will be encrypted as long as the card remains inserted. Removing the card disables recording automatically.

Encrypted recordings are stored as such and can be played only with a matching CryptoCard inserted. Encrypted recordings can also be played with a PC with the FeaturePhone 175 software, however, they cannot be played on the PC without a CryptoCard matching the card used when the recording was made. See the following section for a detailed explanation.

9.4 Playing an encrypted recording

Encrypted recordings can only be played back with the original or a matching CryptoCard. For playback of an encrypted recording on the FeaturePhone 175 this works quite simply. Search and select the desired recording as described in Chapter 5. If playback of the encrypted recording is started the FeaturePhone 175 will automatically ask for the Card code.

The display will show:

After entering your PIN code the menu key function **CONTINUE** is added in the display.

Press **CONTINUE** to start playback of the selected recording.

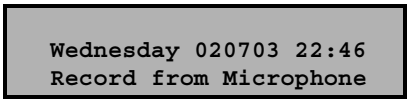
It is not necessary to enter your card code every time.

Your supplier of the FeaturePhone 175 can supply you with a Card reader for your PC together with the necessary drivers. The FeaturePhone 175 application will show whether recordings are encrypted or not in the "Use of CryptoCard" column. When an encrypted recording is played the FeaturePhone 175 application will prompt you for the insertion of a matching card and the belonging code. After that the recording will play. The FeaturePhone 175 application has the ability to remove the encryption. Encrypted recordings can be exchanged with other PC's just as any other recording. Encrypted recordings can be played on any PC with FeaturePhone 175 application on it and with the original or matching CryptoCard.

9.5 Recording from the microphone

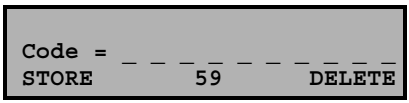
Microphone recordings can be started when the telephone is idle.

Press the Rec. key.



Keep the Rec. key pressed and press the Play button to start the recording. The display will indicate that a microphone recording is taking place.

Press the **Stop** key to stop the recording.



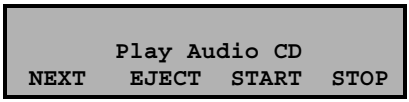
Enter a **Code** to store with the recording
Press **STORE** to store the recording

9.6 Playing audio CD's

The FeaturePhone 175 is able to play an ordinary Audio CD.

Place the Audio CD into the CD drive

Press the Disk key
Press **NEXT** three times



Press **START** to start playing the CD.

The number of tracks will be shown together with duration of the track.

Press **<<<** or **>>>** to change tracks up and down.

Payback is stopped with the stop key or by pressing **STOP**.

10 Settings

All the settings are made starting with the Configuration function key followed by the menu keys whose function is determined by the text in the display. As described in Chapter 3.

The settings are divided over four different subjects;

General Settings,
Telephone Settings,
Recorder Settings,
Answering machine Settings.

For every subject the settings are made in a sequence of subject that can be turned **ON** or **OFF** or a value can be changed. In the following paragraphs the sequence of subject is described. If one of the subjects is needed then scroll through the menu until the desired subject is displayed.

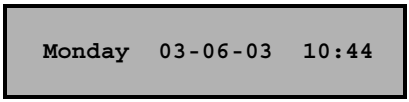
10.1 General Settings

The General Settings of the FeaturePhone 175 deal with the basic setup of the device.

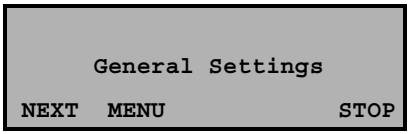
The General Settings cover:

Password protection, see § 10.1.2
CryptoCard, see § 10.1.3
Clock, see § 10.1.4
Language, see § 10.1.5
Reset all Values, see § 10.1.6

10.1.1 Enter General Settings

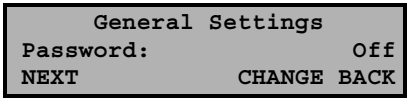


Press **Configuration.**



Press **MENU** to enter the General Settings menu.

Other options are:
NEXT to move to Telephone Settings.
STOP to leave the settings.

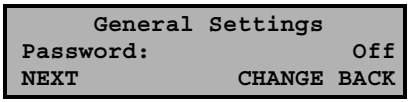


10.1.2 Password protection

Password protection is used to protect the FeaturePhone 175 from malicious setting changes. When Password protection is enabled all the settings and play back functions are disabled.

Enable Password protection as follows:

Enter the General Settings menu § 10.1.1



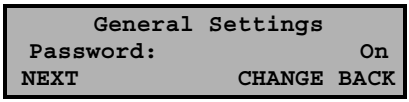
Press **CHANGE** to enable Password protection.

Other options are:
NEXT to move to CryptoCard setting.
STOP to leave the General Settings menu.

Enter a numerical password.

Press **STORE.**

Repeat the password.
Press **STORE** again to store the password.



Other options are:

NEXT to go to CryptoCard setting.
CHANGE to disable Password protection.
BACK to leave the General Settings menu.

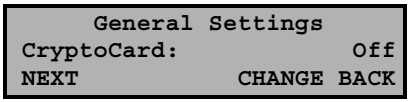
For every time the Password protection is enabled a new password has to be entered.

10.1.3 CryptoCard

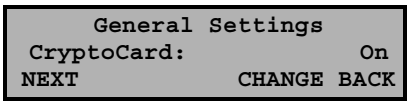
The CryptoCard function is used to encrypt recordings. The CryptoCard function is described in Chapter 9.

Enable the CryptoCard function as follows:

Enter the General Settings menu and scroll through the menu until the following display or continue from the previous paragraph by pressing **NEXT**:

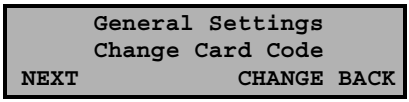


Press **CHANGE** to enable or disable the CryptoCard function.

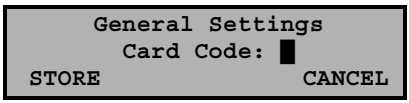


Only in case a CryptoCard is inserted the personal code of the card can be set or changed.

Insert your CryptoCard and press **NEXT** to set the personal code of your card. The display will show:



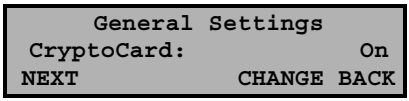
Press **CHANGE** to change Card code.
The display will show:



First enter the original code of the card and press **CONTINUE**.
The display will show:

Enter a numerical code and press **STORE.**

Repeat the code and press **STORE** again to store the code.

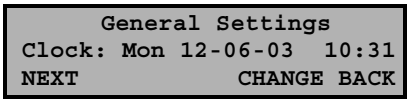


Other options:
CHANGE to disable CryptoCard protection.
NEXT to continue with setting the clock.
BACK to leave General Settings.

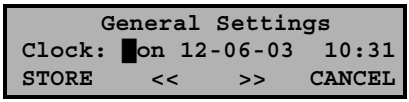
10.1.4 Clock

Set the clock as follows:

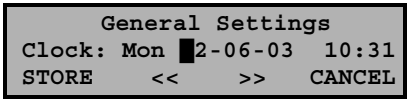
Enter the General Settings menu and scroll through the menu or continue from the previous paragraph by pressing **NEXT**:



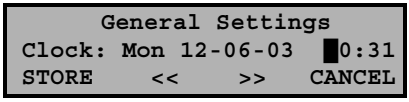
Press **CHANGE** to set the clock



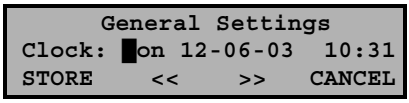
Press keys 1 - 7 to change the day beginning with 1 for Sunday



Enter the date (format depending on selected language)



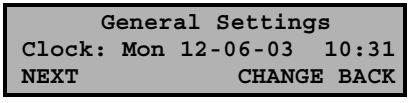
Enter the time



Press **STORE** to save the time.

Other options:

CANCEL to return to previous set time.
<< and **>>** to move the cursor.

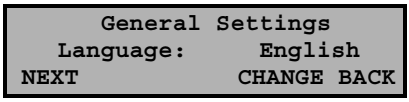


Options:

CHANGE to set the clock.
NEXT to continue with language selection.
BACK to leave General Settings.

10.1.5 Language

Select the language as follows:
Enter the General Settings menu and scroll through the menu or continue from the previous paragraph by pressing **NEXT**:



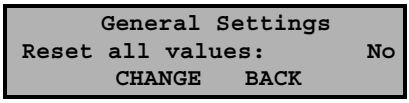
Press **CHANGE** to change the language.
Choose between: English, German, Dutch and American.

Other options:
NEXT to continue with Reset all values.
BACK to leave General Settings.

10.1.6 Reset all values

Reset all values is used to revert the FeaturePhone 175 to factory settings.

Execute the Reset all values as follows:
Enter the General Settings menu and scroll through the menu or continue from the previous paragraph by pressing **NEXT**:



Press **CHANGE** to enable Reset all values operation.
Press **BACK** to leave General Settings.

Leaving any of the previously described settings will prompt you with the option to save or cancel the changes made as described in § .

10.2 Telephone Settings

The Telephone Settings of the FeaturePhone 175 deal with the basic setup of the telephone of the device.

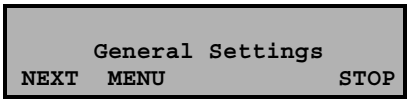
Telephone Settings cover:

Caller ID, see § 10.2.2
Put on hold, see § 10.2.3

Flash time, see § 10.2.4
Wait after dial, see § 10.2.5
Ring settings, see § 10.2.6

10.2.1 Enter the Telephone Settings

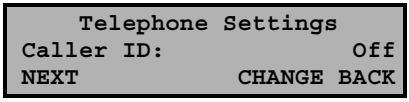
Press **Configuration.**



Press **NEXT** to move to the Telephone Settings menu.

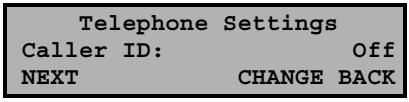
Press **MENU** to enter the Telephone Settings menu.

Other options:
NEXT to move to Recorder Settings.
STOP to leave the settings.



10.2.2 Caller ID

When the Telephone Settings are entered the display will show:



Press **CHANGE** to enable or disable the **Caller ID** by selecting the kind of Caller ID that is enabled on your telephone line or turn caller ID off by selecting **Off**.

There are four kinds of Caller ID supported by the FeaturePhone 175. They are:

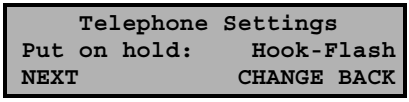
DTMF-ring
FSK-ring
DTMF-pola
FSK-pola

DTMF is used in most European countries; FSK is common in the US.
Please note that Caller ID is a service provided by your service provider. Usually this service is not for free and has to be enabled on your line. Without this service the Caller ID cannot work on your FeaturePhone 175. Your service provider can advise you on the kind of **Caller ID** you need to select.

Other options:
NEXT to continue with the **Put on hold** function.
BACK to leave Telephone Settings.

10.2.3 Put on hold

The **Put on hold** property determines the way the Flash function key is operated.
Enter the Telephone Settings menu and scroll through the menu until the display shows **Put on hold**, or continue from the previous paragraph by pressing **NEXT**:



The two options are:

Hook-Flash or **Earth-Flash**

Hook-Flash is common in most European countries.
Earth-Flash is common in the America's.

Your service provider can advise on the required setting.

Other options:

NEXT to continue with the **Flash time** function.
BACK to leave Telephone Settings.

10.2.4 Flash time

The Flash time determines the duration of the flash time of the **Put on hold** property.

Enter the Telephone Settings menu and scroll through the menu until the display shows **Flash time**, or continue from the previous paragraph by pressing **NEXT**:

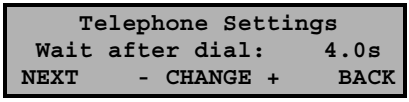
Press **+** or **–** to increase or decrease the value. Default setting of the Flash time is 110 ms. If this value doesn't function properly your service provider or PBX manufacturer can advise a proper setting.

Other options:

NEXT to continue with the **Wait after dial** function.
BACK to leave Telephone Settings.

10.2.5 Wait after dial

The Wait after dial is the time the FeaturePhone 175 waits to start recording after the first number is dialed. Default the **Wait after dial** is set to 4.0 seconds. A shorter time may cause the FeaturePhone 175 to record the dialing of the number. A longer wait after dial may cause the FeaturePhone 175 not to record the beginning of the conversation.
Enter the Telephone Settings menu and scroll through the menu until the display shows **Wait after dial** or continue from the previous paragraph by pressing **NEXT**:



Press **+** or **–** to increase or decrease the value.

Other options:

NEXT to continue with the Ring settings.
BACK to leave Telephone Settings.

10.2.6 Ring settings

The ring settings determine the sound of the telephone ringing.

Ring settings cover three independent ring properties:

Ring Volume
Ring Frequency
Ring Variation

The effects of these settings are hard to describe. The user is advised to try a few settings to find a comfortable setting. Changing the ring settings will automatically sound the new setting.

Press **CHANGE** in the menu to change the ring properties. Pressing change will sound the new set ring property.

Press **BACK** and **STOP** to quit the Telephone Settings menu.

Acknowledge to save the changes made.

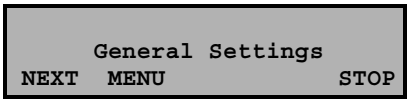
10.3 Recorder Settings

The Recorder Settings deal with the settings related to the recording properties of the FeaturePhone 175. These are:

Automatic recording, § 10.3.2
Automatic CD Copy, § 10.3.3
Notification, § 10.3.4
Ask Store/Delete, § 10.3.5
Beep after store, § 10.3.6
Minimum call time, § 10.3.7
Recording Quality, § 10.3.8
Fax Recording, § 10.3.9
Microphone mode, § 10.3.10
Microphone amplification, § 10.3.11
Automatic gain control, § 10.3.12
50 Hz humm filter, § 10.3.13
Footswitch, § 10.3.14

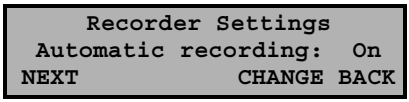
10.3.1 Enter the Recording Settings

Press **Configuration.**



Press **NEXT** twice to move to the Recorder Settings menu.

Press **MENU** to enter the Recorder Settings menu.



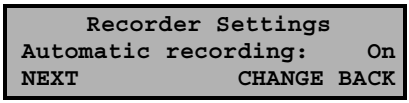
Other options are:

NEXT to move to Answering machine Settings.
STOP to leave the settings.

10.3.2 Automatic recording

The **Automatic recording** is described in § 4.1.
Automatic recording can be turned On or Off.

When the Recorder Settings are entered the display will show:



Press **CHANGE** to disable Automatic recording.

Other options:

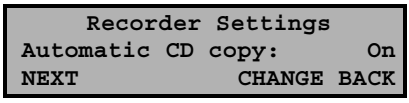
NEXT to continue with the **Automatic CD copy** function.
BACK to leave Telephone Settings.

10.3.3 Automatic CD Copy

The **Automatic CD copy** is described in § 4.2.

Automatic CD copy can be turned On or Off.

Enter the Recorder Settings menu and scroll through the menu until the display shows **Automatic CD copy** or continue from the previous paragraph by pressing **NEXT**:



Press **CHANGE** to disable **Automatic CD copy**.

Other options:

NEXT to continue with the **Notification** function.
BACK to leave Telephone Settings.

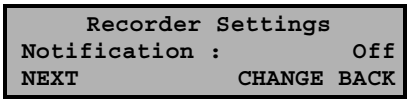
10.3.4 Notification

The **Notification** is described in § 4.2.

The Notification options are:

Off
Tone
Message
Tone + Message

Enter the Recorder Settings menu and scroll through the menu until the display shows **Notification** or continue from the previous paragraph by pressing **NEXT**:



Press **CHANGE** to select the desired Notification method.

If the notification Message has been selected the next menu item will be the recording of the message. To start recording press the Rec key. Leaving the menu saves the recording. Press **DELETE** to remove the recording.

Other options:

NEXT to continue with the **Ask Store/Delete** function.
BACK to leave Telephone Settings.

10.3.5 Ask Store/Delete

The **Ask Store/Delete** function enables the user to determine after the recording has taken place whether you want to keep the recording or not. If Ask Store/Delete is enabled the FeaturePhone 175 will prompt the user after every recording whether to save or delete the recording. There is a period of 60 seconds where you can decide. After the 60 seconds the recording will automatically be stored.

Enter the Recorder Settings menu and scroll through the menu until the display shows **Ask Store/Delete** or continue from the previous paragraph by pressing **NEXT**:

Press **CHANGE** to enable **Ask Store/Delete** .

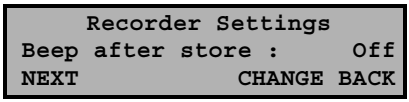
Other options:

NEXT to continue with the **Beep after store** function.
BACK to leave Telephone Settings.

10.3.6 Beep after store

The **Beep after store** function sounds a beep after a recording is stored.

Enter the Recorder Settings menu and scroll through the menu until the display shows **Beep after store** or continue from the previous paragraph by pressing **NEXT**:



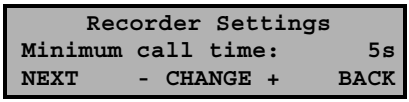
Press **CHANGE** to enable **Beep after store** .

Other options:
NEXT to continue with the **Minimum call time** function.
BACK to leave Telephone Settings.

10.3.7 Minimum call time

The **Minimum call time** is the minimum duration of a recording to be stored. Default the Minimum call time is set to 5 seconds. Recordings shorter then 5 seconds will not be stored.

Enter the Recorder Settings menu and scroll through the menu until the display shows **Minimum call time** or continue from the previous paragraph by pressing **NEXT**:



Press **+** or **–** to increase or decrease the value.

Other options:
NEXT to continue with the **Recording quality** function.
BACK to leave Telephone Settings.

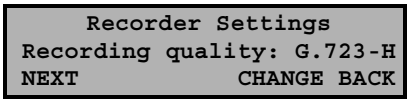
10.3.8 Recording Quality

The **Recording quality** is described in § 4.5.

The Recording quality options are:

G.711-A
G.711-u
Digitalk
G.723-L
G.723-H

Enter the Recorder Settings menu and scroll through the menu until the display shows **Recording quality** or continue from the previous paragraph by pressing **NEXT**:



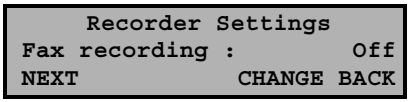
Press **CHANGE** to select the desired **Recording quality**.

Other options:
NEXT to continue with the **Fax recording** function.
BACK to leave Telephone Settings.

10.3.9 Fax Recording

The **Fax recording** function is described in § 4.6.

Enter the Recorder Settings menu and scroll through the menu until the display shows **Fax recording** or continue from the previous paragraph by pressing **NEXT**:



Press **CHANGE** to enable **Fax recording**.

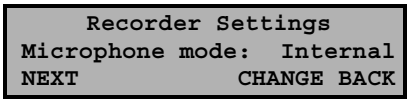
Other options:
NEXT to continue with the **Microphone mode.**
BACK to leave Telephone Settings.

10.3.10 Microphone mode

The **Microphone mode** options are:

Internal
External
Handset

Enter the Recorder Settings menu and scroll through the menu until the display shows **Microphone mode** or continue from the previous paragraph by pressing **NEXT**:



Press **CHANGE** to select the desired **Microphone mode** .

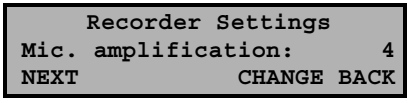
Other options:

NEXT to continue with the **Microphone amplification.**
BACK to leave Telephone Settings.

10.3.11 Microphone amplification

The **Microphone amplification** determines the amplification of the microphone signal:

Enter the Recorder Settings menu and scroll through the menu until the display shows **Microphone amplification** or continue from the previous paragraph by pressing **NEXT**:



Press **CHANGE** to adjust the **Microphone amplification**.

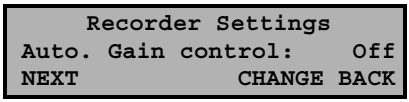
Other options:

NEXT to continue with the **Automatic Gain control.**
BACK to leave Telephone Settings.

10.3.12 Automatic gain control

The **Automatic Gain control** function is described in § 4.6.

Enter the Recorder Settings menu and scroll through the menu until the display shows **Automatic Gain control** or continue from the previous paragraph by pressing **NEXT**:



Press **CHANGE** to enable **Automatic Gain control**.

Other options:

NEXT to continue with the **50 Hz humm filter.**
BACK to leave Telephone settings.

10.3.13 50 Hz humm filter

The **50 Hz humm filter** can help you get rid of power supply noise on the line.

Enter the Recorder Settings menu and scroll through the menu until the display shows **50 Hz humm filter** or continue from the previous paragraph by pressing **NEXT**:

Press **CHANGE** to enable **50 Hz humm filter**.

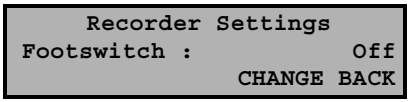
Other options:

NEXT to continue with the **Footswitch.**
BACK to leave Telephone settings.

10.3.14 Footswitch

The **Footswitch** function allows you to use a footswitch for playback of recordings.

Enter the Recorder Settings menu and scroll through the menu until the display shows **Footswitch** or continue from the previous paragraph by pressing **NEXT**:



Press **CHANGE** to enable **Footswitch** use.

Footswitch is the last item in the Recorder Settings menu.

Press **BACK** to leave the Recorder Settings menu.

10.4 Answering machine Settings

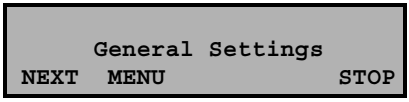
The Answering Machine Settings contain all the settings related to the functioning of the Answering machine of the FeaturePhone 175.

Settings include:

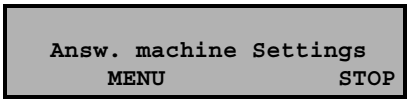
Welcome message, § 10.4.3
Rings to answer on, § 10.4.4
Rings always answer, § 10.4.5
Speaker after answer, § 10.4.6
K-break detection, § 10.4.7
Maximum message time, § 10.4.8
Silence period, § 10.4.9

10.4.1 Entering the Answering machine Settings

Press **Configuration**

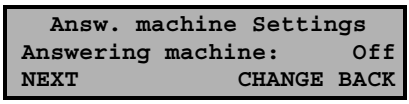


Press **NEXT** three times to move to the Answering machine Settings menu.



Press **MENU** to enter the Answering machine Settings menu. The Answering machine Settings is the last settings menu.

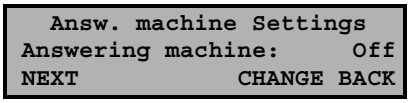
Other option:
Press **STOP** to leave the settings



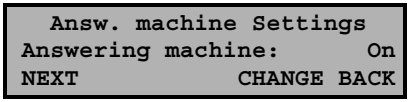
10.4.2 Turn Answering machine on

The answering machine is turned on as follows:

Enter the Answering machine Settings as described above



Press **CHANGE** to enable the Answering machine



Other options:
NEXT to continue with the **Welcome message**
BACK to leave Answering machine Settings.

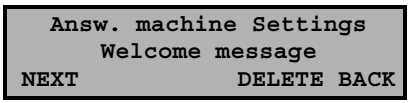
Another way to turn on the Answering machine is described in § 6.1

10.4.3 Welcome message

The **Welcome message** is the message that is sounded when the Answering machine answers the phone. There is no default Welcome message.

Record a welcome message as follows:

Enter the Answering machine Settings menu and scroll through the menu until the display shows **Welcome message** or continue from the previous paragraph by pressing **NEXT**.



Press the **Rec**. key to start recording the welcome message.

Speak from a distance of approximately 50cm. from the FeaturePhone 175.

Press the **Play** key to play the recorded welcome message.

Press **NEXT** or **BACK** to save the welcome message.

Press **DELETE** to delete the welcome message.

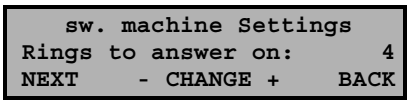
Other options:
NEXT to continue with the **Rings to answer on**
BACK to leave Answering machine Settings.

10.4.4 Rings to answer on

The Rings to answer on determines the number of rings to pass before the FeaturePhone 175 answers the phone when the Answering machine is turned On.

Set the **Rings to answer on** as follows:

Enter the Answering machine Settings menu and scroll through the menu until the display shows **Rings to answer** or continue from the previous paragraph by pressing **NEXT**.



Press - or + to set the number of rings to answer on.

Other options:

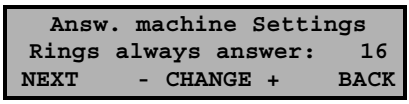
NEXT to continue with the **Rings always answer** function
BACK to leave Answering machine Settings.

10.4.5 Rings always answer

The **Rings always answer** determines the number of rings to pass before the FeaturePhone 175 answers the phone when the Answering machine is turned Off.

Set the **Rings always answer** as follows:

Enter the Answering machine Settings menu and scroll through the menu until the display shows **Rings always answer or** continue from the previous paragraph by pressing **NEXT**.



Press **-** or **+** to set the number of rings to always answer on.

The Answering machine will be turned **On** automatically after the FeaturePhone 175 has answered the phone once.

Select **Off** in case you don't want the FeaturePhone 175 to answer the phone in case the Answering machine is off.

Other options:

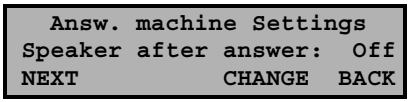
NEXT to continue with the **Speaker after answer** function
BACK to leave Answering machine Settings.

10.4.6 Speaker after answer

The **Speaker after answer** function determines whether the speaker of the FeaturePhone 175 is turned on when the phone is answered by the answering machine.

Set the **Speaker after answer** function as follows:

Enter the Answering machine Settings menu and scroll through the menu until the display shows **Speaker after answer** or continue from the previous paragraph by pressing **NEXT**.



Press **CHANGE** to enable the **Speaker after answer** function.

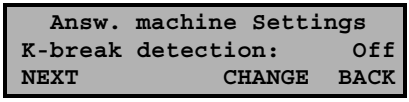
Other options:
NEXT to continue with the **K-break detection** function
BACK to leave Answering machine Settings.

10.4.7 K-break detection

The **K-break detection** function only appears in the menu when the Language is set to English. K-break detection is only available in the UK and serves to indicate the remote caller has terminated the connection. When K-break detection is enabled the FeaturePhone 175 stops recording a message immediately after the caller has terminated the connection.

Set the **K-break detection** function as follows:

Enter the Answering machine Settings menu and scroll through the menu until the display shows **K-break detection** or continue from the previous paragraph by pressing **NEXT**.



Press **CHANGE** to enable the **K-break detection** function.

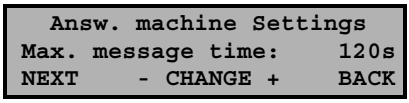
Other options:
NEXT to continue with the **Max. message time** function
BACK to leave Answering machine Settings.

10.4.8 Maximum message time

The **Maximum message time** determines the maximum duration of a message. Default the Max. message time is set to 120 seconds.

Set the **Max. message time** as follows:

Enter the Answering machine Settings menu and scroll through the menu until the display shows **Max. message time** or continue from the previous paragraph by pressing **NEXT**.



Press **-** or **+** to set the **Maximum message time** .

Other options:

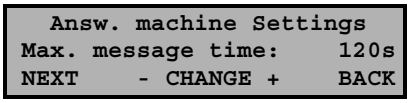
NEXT to continue with the **Silence period**
BACK to leave Answering machine Settings.

10.4.9 Silence period

The **Silence period** determines the maximum duration of a message. Default the Max. message time is set to 120 seconds.

Set the **Silence period** as follows:

Enter the Answering machine Settings menu and scroll through the menu until the display shows **Silence period** or continue from the previous paragraph by pressing **NEXT**.



Press **-** or **+** to set the **Silence period**.

Silence period is the last item in the Answering machine Settings menu. Press **BACK** to leave the Answering machine Settings menu.

11 Using the PC software

The FeaturePhone 175 comes with special PC software. The object of the software is to be able to locate and play recordings quickly. Place the FeaturePhone 175 CD in the CD player of your PC and the FeaturePhone 175 Quick CD access System will quickly create a clear list of the recordings on the CD. Recordings are by default sorted according to date and time. Recordings can be selected and played from the CD.
It is also possible to create an archive on your hard disk. Recordings in the archive on your hard disk can also be given a name. All recordings with the same remote number will acquire the same name automatically.
An extensive query screen allows for the definition of a query to be executed in the current archive. Queries can be made according to date and time, remote number, incoming and outgoing calls, answering machine messages and microphone recordings.

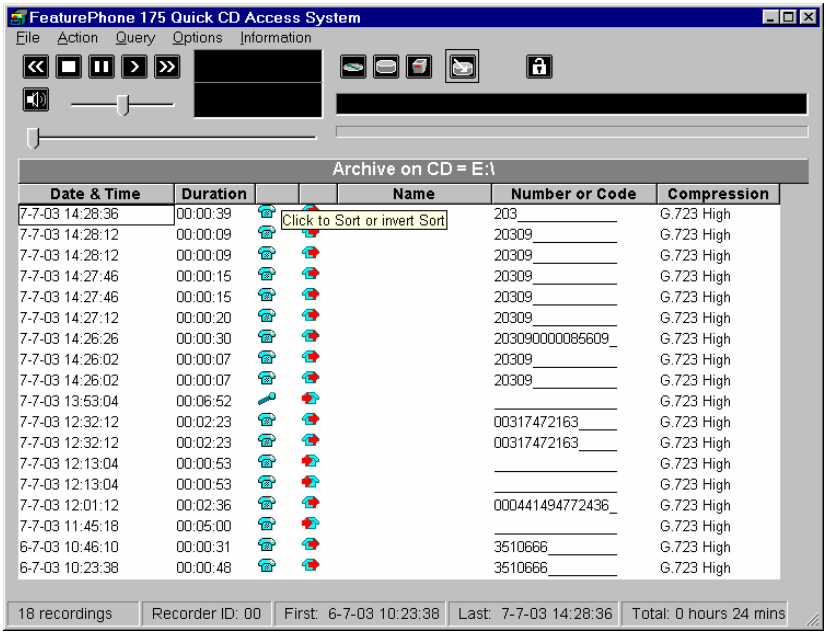
11.1 Install the software

Placing the CD-ROM in your computer starts software installation. If the installation is not started automatically, locate the file setup.exe on the CD and start it by double-clicking. Follow the instructions on the screen.

11.2 Start

Click “Start“ in the lower left corner on your desktop. Go to Programs/Vidicode and click on “FeaturePhone 175”. The application will start right away.

The main dialog looks like this:



11.3 View recordings on CD

Start the FeaturePhone 175 software.
Place a FeaturePhone 175 CD into the CD drive.

Select **File** in the menu
Select **Archive on CD**
Select **Show the archive on CD**

The software will now start to read the recordings on the CD and create a list.
Every row in the list represents a recording on the CD. The recording properties are displayed in the various columns.

Recording properties are:
Date and Time,
Duration,
Source e.g. Call, message or microphone recording,
Incoming or outgoing,
Name,
Telephone number or Code,
CryptoCard number,

Compression Technique used,
and the filename.

At the bottom of the application dialog other general properties of the CD are displayed like:
Number of recording on the CD,
The Recorder ID
Date and time of the first recording,
Date and time of the last recording,
and the total recording time on the CD.

To locate an archive in another location choose: File=>Archive on CD=>Path for the archive on CD.

11.4 Create an archive on Hard disk

To create an archive on your hard disk you need to view an archive on CD first as described above.
Select the recordings you want to transfer to your hard disk.
Select **Action** in the menu,
Select **Transfer to PC**,
Select **Selected Records**.

Your selection of records will now be copied to the archive on the hard disk. Default the hard disk archive is located in the Archive folder in the directory where the program was installed. Default the program is installed in C:\Program Files\Vidicode\FeaturePhone 175

To view an Archive on HD:
Select **File** in the menu,
Select **Archive on hard disk**.
Select **Show the current archive on hard disk**.

The application will now make a list of the recordings in the default archive on your hard disk. To locate a different archive on your hard disk:

Select **File** in the menu,
Select **Archive on hard disk**,
Select **Locate another archive on hard disk**.

There are two tool buttons to show the archives on CD and on your hard disk:

to show the archive on CD and
to show the archive on hard disk

11.5 Recycle bin

Once an archive on hard disk has been created it is also possible to remove recordings from that archive.

Select the recordings you want to remove from the archive,
Select **Action** in the menu,
Select **Delete Selection**.

The selection of recordings in now moved to the recycle bin.

The recycle bin works like the standard Windows Recycle Bin. Recording removed from an archive are placed in the recycle bin. Recordings can be restored from the recycle bin. Recordings removed from the recycle bin are lost.

To view recordings in the recycle bin:
Select **File** in the menu,
Select **Recycle bin**.
The program will now generate a list of recordings in the recycle bin.

In the recycle bin recordings can be selected to be removed or restored. Both options are available in the **Action** menu.

11.6 Export recordings

Recordings can be exported from the application.

Select the recording you want to export,
Select **Action** in the menu,
Select **Export**.

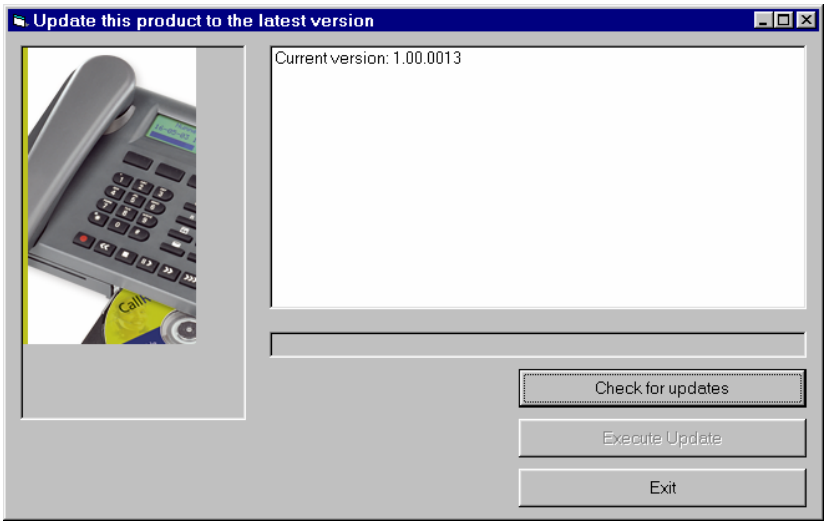
You now have the option to export the file in the same format as the recording is or to export the recording as a WAV file.

11.7 On Line software update

The FeaturePhone 175 Quick CD access System has the ability to perform an automatic on Line update.

Select **Information** in the menu
Select **Update product on Line**

The following dialog appears:



Click **Check for updates** to check for available updates.

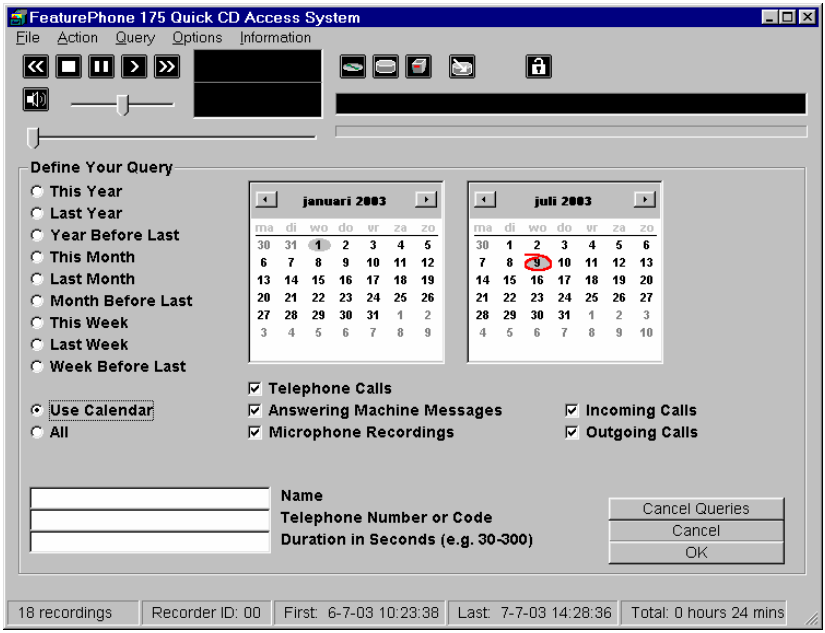
The available update will be listed.

Click **Execute Update** to install the update.

11.8 Search recordings

The FeaturePhone 175 software has an extensive query screen to search and select recordings.

The query screen looks like this:



To the left a group of radio button can be selected to view recording from the specified interval.

Check **Use Calender** to select a date range within the calenders.

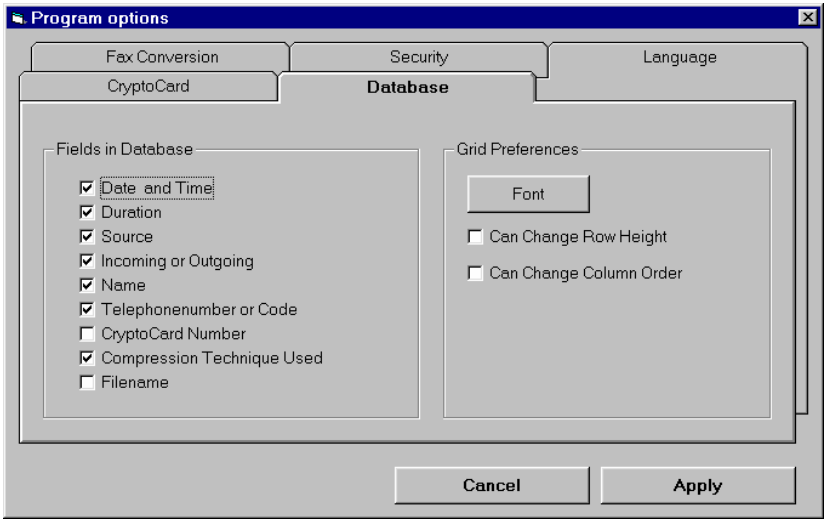
Select the starting date in the left calender
Select the end date in the right calender.

Click **OK** to execute the selected query.

11.9 Software Settings

The settings of the software are located in a separate dialog.

Settings are devided over 5 tab pages as you can see in the following dialog:



Selected changes are executed when the options screen is left clicking **Apply**. Click **Cancel** to return to the main dialog retaining the original settings.

In the Database tab the various recording properties columns can be selected to show in the main dialog.

Click **Font** to change the font of the list of recordings.

Other settings include:

Fax conversion settings in the Fax Conversion tab
CryptoCard settings in the CryptoCard tab
Password protection in the Security tab
The Language tab will allow you to select a desired language.

12 Acknowledgements

12.1 Guarantee

Your FeaturePhone 175 has a 12-month factory guarantee. The guarantee is effective for normal use only. We would like to emphasize that the guarantee is not valid under exceptional environmental conditions, such as extreme temperatures or humidity levels, nor in the unlikely event of a lightning strike. The guarantee is not valid if the machine has not been handled properly, for example when it has been dropped, or bumped into. In order to qualify for guarantee, you should contact your supplier, and show the receipt. If your supplier cannot help you, you should contact the manufacturer. The manufacturer reserves the right to determine the final date of the guarantee period on the basis of the date of production. Costs of transport to and from the supplier or the manufacturer are for the buyer's account. Guarantee is for parts only and does not cover any costs resulting from the breakdown of the FeaturePhone 175.

The FeaturePhone 175 has various extra features that have not been described in this manual. Additional information about this is given in a technical information bulletin. Subjects discussed in this technical documentation are further configuration options, remote configuring, and how to update the firmware in the FeaturePhone 175. The further configuration options concern all aspects of operation. In our experience most people are interested in configurations related to user's access.

12.2 Liability

Correct functioning of the FeaturePhone 175 cannot be guaranteed under all conditions and thus we do not accept any liability for loss of information or other damages due to the use of the FeaturePhone 175.
Vidicode is not a source of official interpretation of laws of any country or state and shall not be construed as a source for making decisions.

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