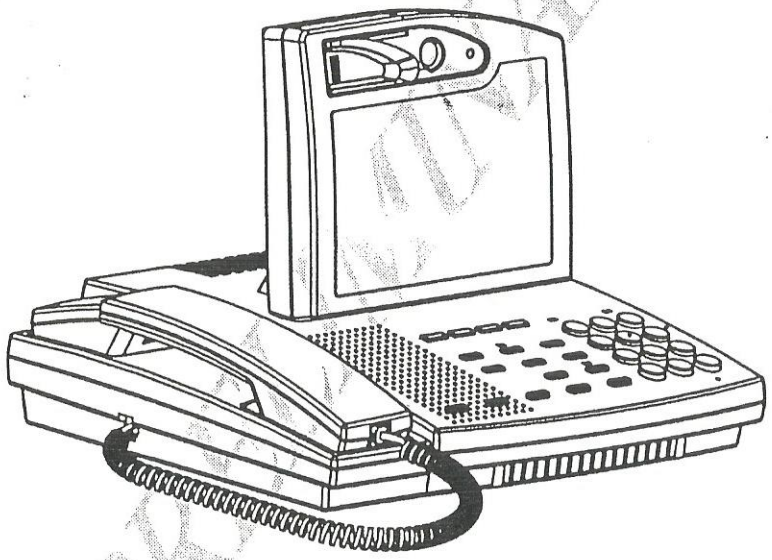
User guide
Alcatel 2838



PRELIMINARY

ALCATEL

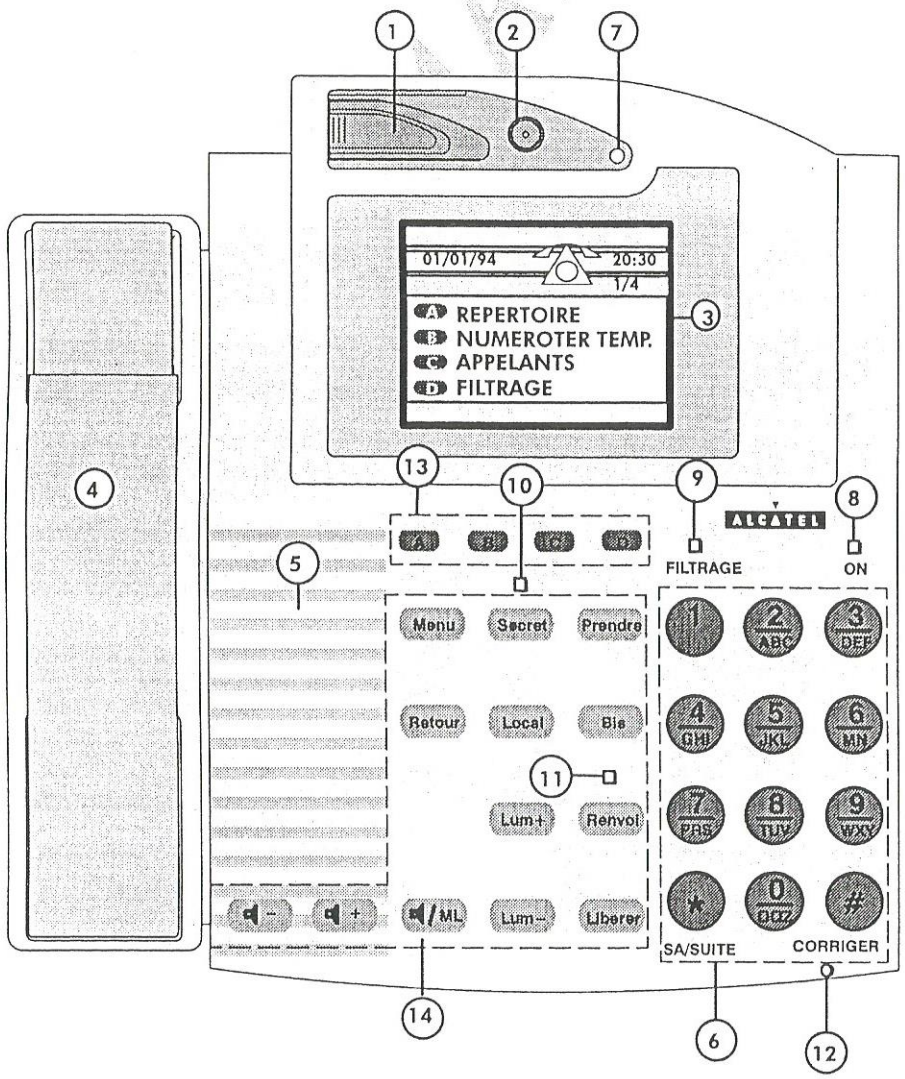
INFORMATION

By choosing this Alcatel 2838 product, you have just acquired not only a videophone enabling you to see as well as hear your correspondent, but also a station giving you instant, easy access to all the features you might expect from a high–performance, fully evolutionary telephone product.

You can use this videophone to access FRANCE TELECOM's "comfort" services.
For information on how to subscribe to these services, enquire at your nearest FRANCE TELECOM agency.

Once installed, the user–friendly design of your videophone helps you to quickly and simply benefit from all the features it offers.

This user manual has been written specifically as a reference guide for use in conjunction with your videophone. We hope that it will prove invaluable as such.


1
2
7
01/01/94
20:30
1/4
A REPERTOIRE
B NUMEROTER TEMP.
C APPELANTS
D FILTRAGE
3
4
13
10
9
8
ALCATEL
FILTRAGE
ON
5
Menu
Secret
Prendre
Retour
Local
Bis
11
Lum+
Renvoi
Lum-
Liberer
14
6
12
SA/SUITE
CORRIGER

1. Sliding camera shutter
2. 1/3 inch CCD captor color camera
3. 4 inch LCD color screen
4. Handset
5. Loudspeaker
6. 12 key dialing keypad
7. □ Control LED : the camera is active, the remote correspondent receives your picture
8. □ Control LED : "ON", your station is connected to the mains
9. □ Control LED : "FILTRAGE", your calls are filtered by the secretary
10. □ Control LED : "SECRET", audio and video inhibition of your station
11. □ Control LED : "RENVOI", calls to your station are forwarded to another station
12. □ Hands–free microphone
13. A .. .. D — 4 soft function keys defined according to the screen display
14. Menu — Used to display the menu and turn the pages

Retour — Used to exit the menu

Prendre — Used to answer the incoming call

Liberer — Used to release a call in progress

Renvoi — Activate or deactivate call forwarding on your station

Bis — Used to retransmit the last number dialed on the keypad

Secret — Inhibit audio and video transmission from your station

Local — Display on your station the image which your correspondent receives

M/ML — Enter "hands–free" mode or switch over to "amplified reception"

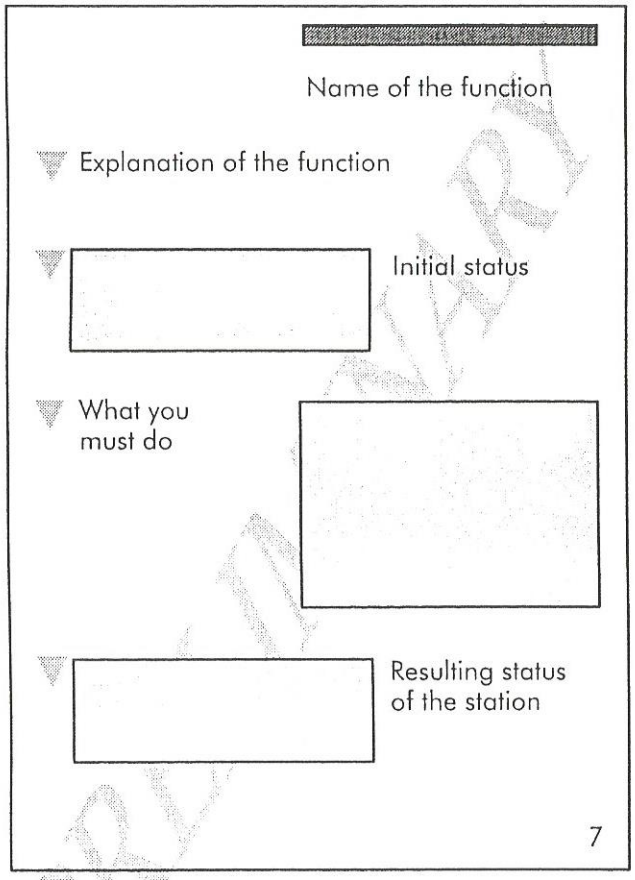
Lum+ Lum– — Adjust the light to your liking

– + — Used to adjust the sound level in "amplified reception" or in "hands–free" mode

PRELIMINARY

Understanding this guide

HOW THE PAGES OF THE GUIDE ARE LAID OUT



PRELIMINARY

Installation

Please follow the procedure below when installing your station. Stages A to F must be carried out in order. Refer to the figure on the next page.

Ⓐ Connect one end of the telephone cord to the handset and the other end to the station left–hand connector.

Ⓑ Plug the "program board" into the back of your station. The board is equipped with a polarizer and thus can only be introduced in one way.

Ⓒ Connect the telephone cable at the back of the station.

Ⓓ Plug the power connector into the back of the station.

Ⓔ Plug the conjunctor into the telephone wall socket.

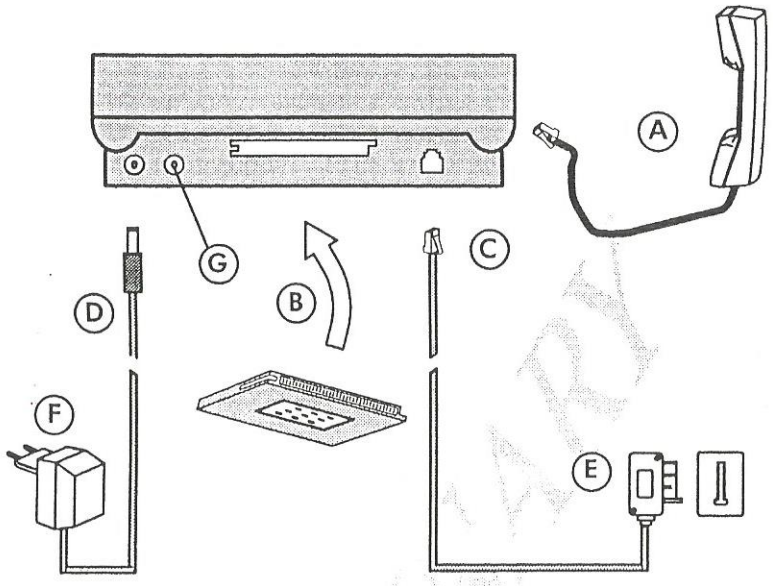
Ⓕ Finally, plug the power module into the mains socket.

The CINCH plug Ⓖ is a PAL composite video output which enables the picture to be displayed on a monitor or a television with PAL standard.

Once the connection stages are completed, your station is initialized whilst loading all the data contained in "program board" into its memory. The flashing of the control LED "ON" indicates that this sequence is in progress.

When the control LED "ON" becomes steady, your videophone is ready to work and you can program your station.

PRELIMINARY



Remarks :

In the case of power failure, the control LED "ON" goes **off**. Until the power is on, your videophone has only the functions of a standard station. Indeed, power is no longer supplied to the video part of the videophone.

Software data is stored in the **"program board"**. It makes it possible to follow France Télécom enhancement in terms of standards and services available.

PRELIMINARY

Use

- Activating/deactivating the station 13
- Layout of the main menu 14

PRELIMINARY

Activating/deactivating the station

- The screen of your videophone is activated automatically :
  - when you lift the handset,
  - when you press the key : Menu
  - when a correspondent is trying to call you.

- When your videophone is inactive for more than 30 seconds, the screen is put on standby.

PRELIMINARY

Layout of the main menu

When your station is idle, the main menu is divided up into 4 pages. For ease of use, the most commonly used functions are grouped on the first page.

To turn the pages, press the key : Menu

The table below indicates the icon and features associated to each page.

PAGE N°	ICONS	FUNCTIONS
1st Page **Greeting screen**	 In service Locked	– **call from repertory** – **call by temporary number** – **call back callers** – **access to filtering**
2nd Page **Repertory**		– **access to repertory** – **management of callers** – **pulse reading**
3rd Page **Programming**		– **station number** – **prefixes**
4rd Page **Programming (cont.)**		– **date and time** – **ring melody** – **protection**

PRELIMINARY

When you call

STRAIGHTFORWARD CALLS

- Calling a correspondent 17
- Last number redial 20

SPEED CALL

- Temporary number 21
- Individual repertory 22
- List of callers 23

CALLING A SECOND CORRESPONDENT

- Enquiry call 26
- Broker's call 29
- Conference 30
- Call transfer 31
- Release of an enquiry call 32

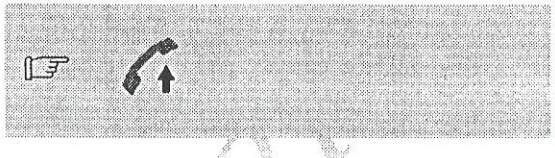
MANAGING THE COMMUNICATIONS

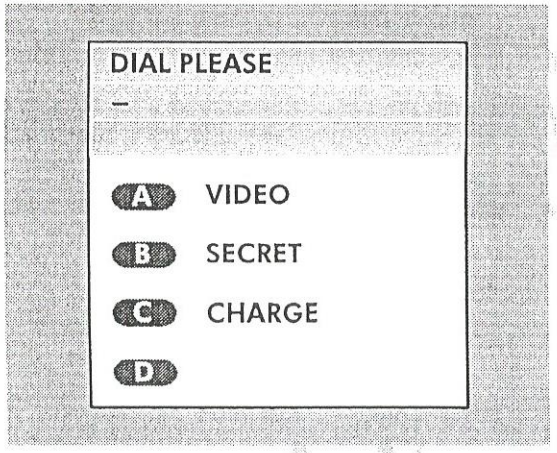
- Consultation of pulse meter 33
- Consultation of temporary number 35
- Consultation of the list of callers 37

PRELIMINARY

Calling a correspondent

- Your station is idle or displays the main menu and you wish to contact a correspondent.
- Lift the telephone handset. You hear the dial tone and a new display appears.



- 

Using the three keys A B C, you can :

- make a video call,
- make a call with identity secrecy (withhold your telephone number),
- find out the cost of the call (displayed on the screen).

- Then dial the telephone number of your correspondent.
As soon as the number is dialed, a temporary message indicates that the call is in progress.

Remarks :

If the telephone number of your correspondent contains a sub–address, separate the number and the sub–address using the * key on the keypad.

PRELIMINARY

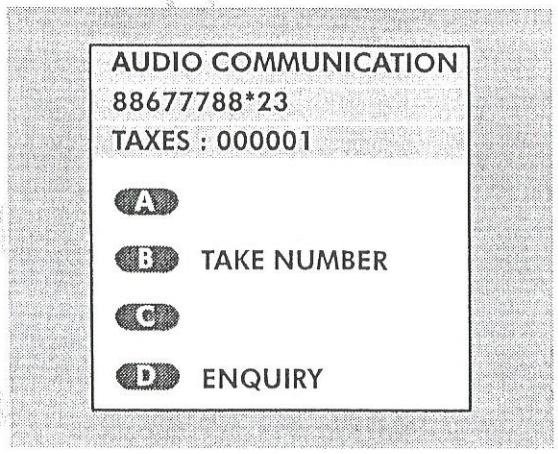
- As soon as one of the keys (A) (B) (C) is selected, this choice cannot be modified before the call is released.
- By default, all communications are initially made in "audio" mode. To make a video call, first press the key (A) VIDEO

More information about the sub–address :

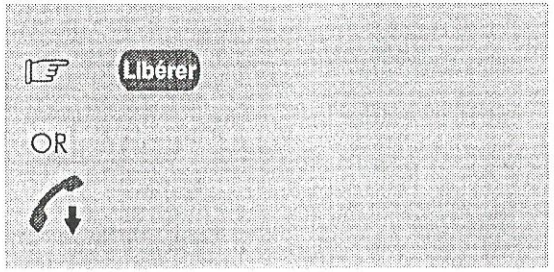
Several terminals (fax, printers, stations, etc...) can be connected to the same basic access. The telephone number enables the call to be routed to the required basic access. Then the terminal which is the destination of the call needs to be specified, and that is the role of the sub–address.

As soon as one of the three keys (A) (B) (C) is selected, this choice cannot be changed before the call is released.

You are in audio communication with your correspondent.



PRELIMINARY



To end the communication, press this key or replace the handset.

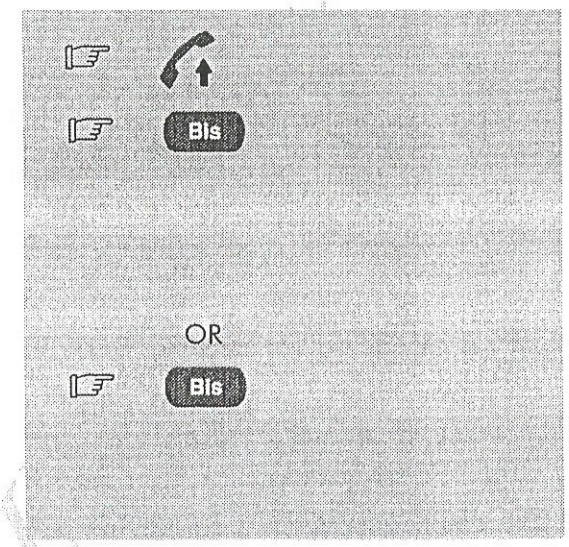
- Throughout the call, your station informs you about observed faults and validates or invalidates your operations by displaying **messages** on the screen.
- During a video conversation, you can display your own picture (the one displayed to your remote correspondent) instead of the picture of your correspondent.
- Press this key once.

  If you press it twice, you see your correspondent and a reduced picture of you is displayed in the lower right hand corner of the screen.

- During a video communication, your own picture is displayed for a few seconds. The picture of your correspondent then appears.

Last number redial

- You can automatically resend the last number dialed on the keypad and its associated characteristics (audio or video mode, secrecy and pulses).
- You can resend the last number dialed in one of two ways :
  - Lift the handset then press this key as soon as you hear the dial tone.
    The same functions as described for "straightforward call of a correspondent" are available.
  - Press this key without lifting the handset.
    The same functions as described for "hands–free mode" are available.



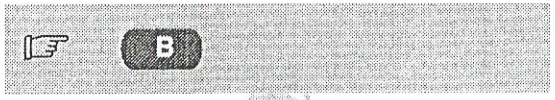
- In both cases the call is carried out automatically.

PRELIM

Temporary number

- You want to send a number stored in "temporary number" (see page 89 for how to store a number).

  Press this key in the main menu to execute the call.

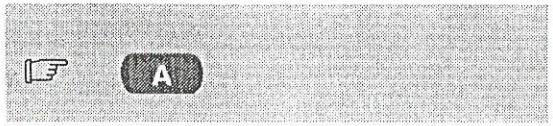


- The communication is automatically established in "hands–free mode".

PRELIMINARY

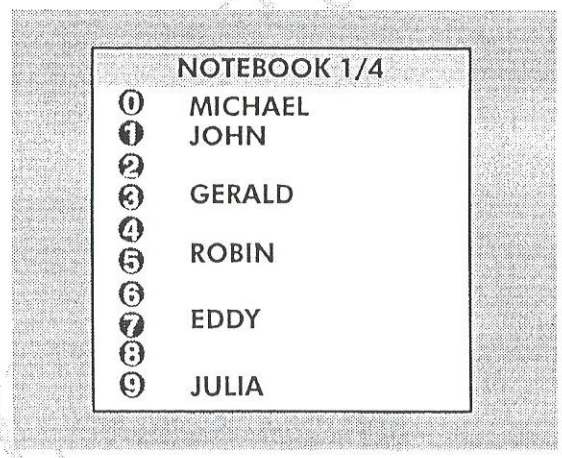
Individual repertory

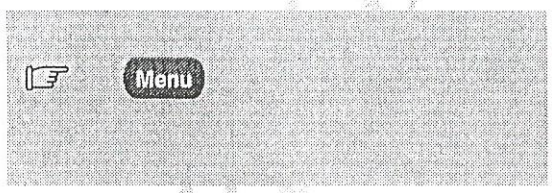
You want to dial a number stored in the repertory (see page 69 for information on programming the repertory).



Press this key within the main menu to access your individual repertory.

The first page of your repertory is displayed with the first ten entries.





If necessary, press this key to "turn" the pages of the repertory and to display the list of your correspondents.

Dial the number by pressing the key which corresponds to the chosen name in the dialing keypad.

The communication is automatically established in "hands–free" mode.

List of callers

- The list of callers is made up chronologically of the last 10 correspondents who have unsuccessfully tried to contact you.
- " CALLERS FILE" field of the greeting screen is displayed if there is at least one caller in the list.
- " CALLERS FILE" field has a different color if at least one correspondent has tried to contact you since the last time the list was consulted.
- **Remarks :**

  All correspondents (except calls with identity secrecy) who have tried to call you since the last time the list was consulted are displayed on a white background.

  The call number of the correspondent is replaced with their name or mnemonic if they have one in the repertory.

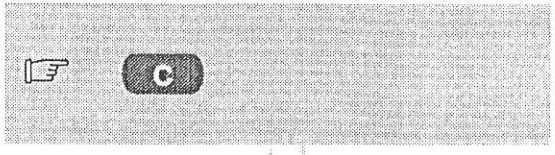
  If you have "diverted" calls to your videophone, calls are recorded on the list of callers of your videophone.

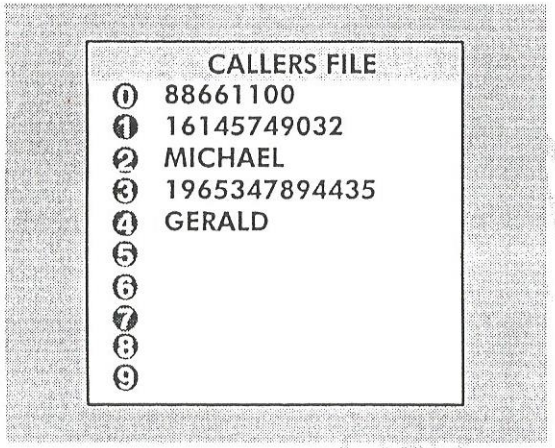
  To consult or delete the list of callers, refer to page 37.

PRELIMINARY

Contacting a caller

Press this key on the greeting screen (first page of the main menu).

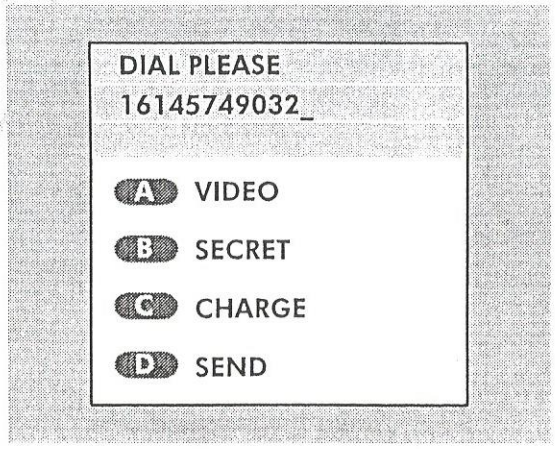




The list of callers is displayed.

Press the key on the dialing keypad which corresponds to the name or number of the chosen caller.

The screen displays the number of the caller.

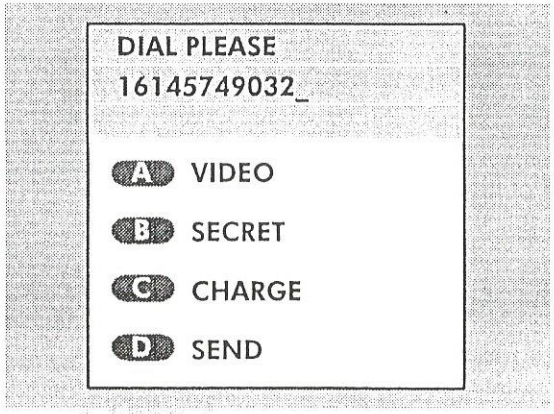


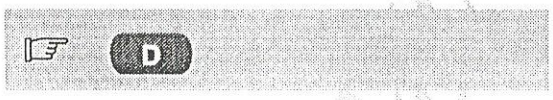
PRELIMINARY

Press this key if you wish to modify the caller's number.

Using the three keys A B C you can choose :

- to make a video call,
- make a call with identity secrecy (withhold your telephone number),
- to display the cost of the call





Press this key to make the call.

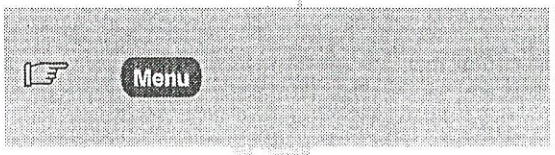
The call is automatically established in "hands–free" mode.

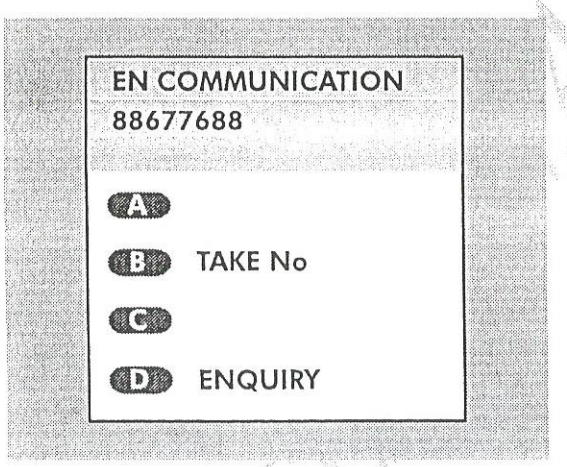
PRECOM

Enquiry call

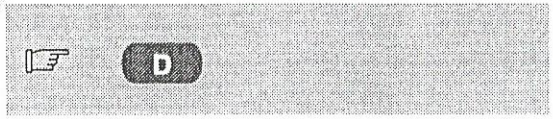
- During communication, whether in AUDIO or VIDEO mode, you can call a second correspondent. Your first correspondent is automatically put on hold.
- You are in conversation with a correspondent.

If you are in VIDEO mode, press this key once to access the menu.

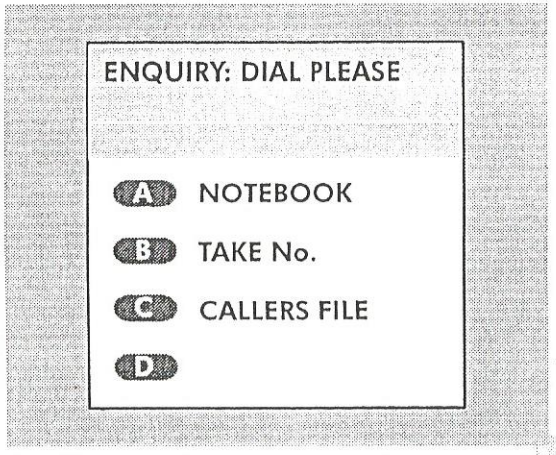




Press this key to make your enquiry call.



PRO



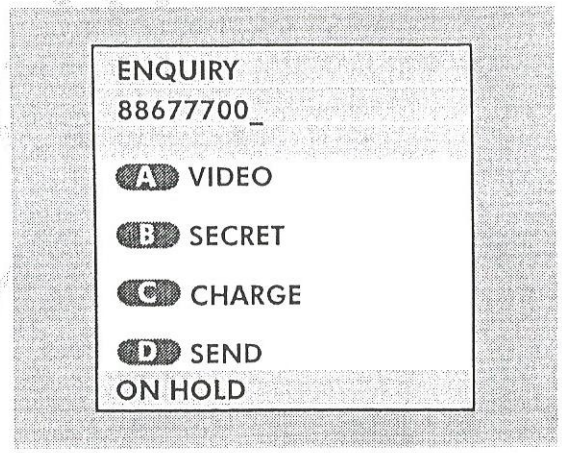
Using the three keys A B C, you can call another correspondent using :

- the telephone repertory,
- the temporary number,
- the list of callers .

You can also use the last number dialed (REDIAL) or dial the number directly on the dialing keypad.
If you dial the number directly on the keypad, the display is as follows :

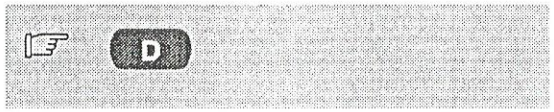
Using the three keys A B C, you can :

- make a video call,
- make a call with identity secrecy (withhold your telephone number),
- find out the cost of the call (displayed on the screen).



Preliminary

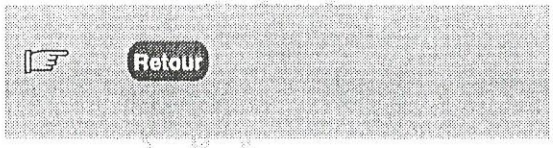
The message "ON HOLD" on the bottom line of the display tells you that there is a call on hold.



Press this key to dial your second correspondent.

To **cancel** the Enquiry Call, see RELEASE OF AN ENQUIRY CALL on page 32.

Press this key to display again the picture of your correspondent.



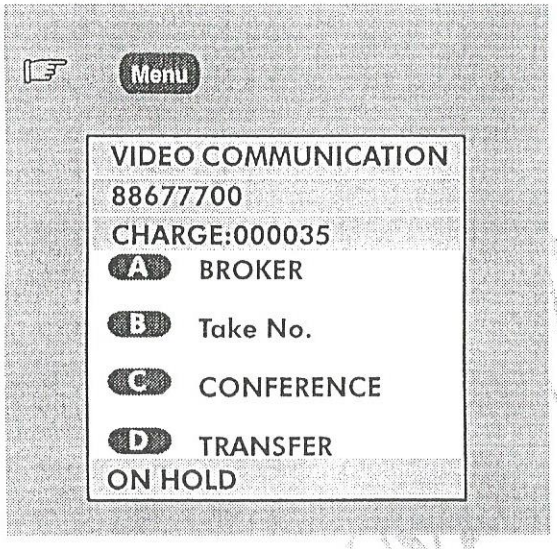
Remark :

If your videophone is connected to an ISDN line in the public network, you must be a subscriber to FranceTélécom's "comfort" services to use this service.

PRELIMINARY

Broker's call

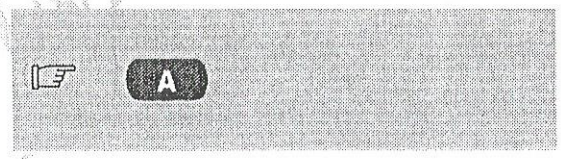
When you have made an enquiry call, the broker's call function allows you to switch from the current communication to the waiting call and vice versa.



If you are in VIDEO mode, press once on this key to get to the main menu.

The message "ON HOLD" is displayed on the bottom line of the screen to tell you that there is a call on hold.

Press this key to switch from the current communication to the waiting one.



To **cancel** the Broker's Call, see RELEASE OF AN ENQUIRY CALL on page 32.

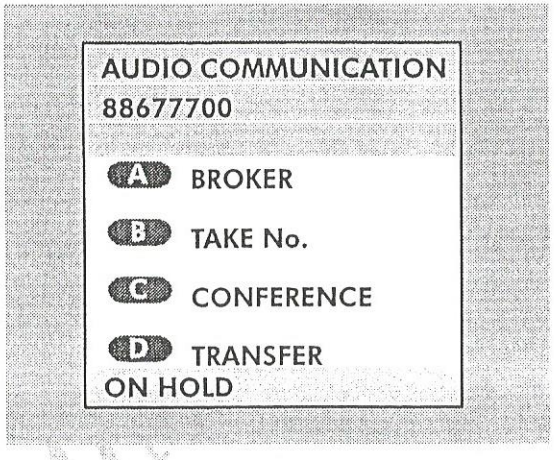
Remark :

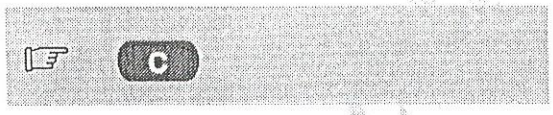
If your videophone is connected to an ISDN line in the public network, you must be a subscriber to France Télécom's "comfort" services to use this service.

Conference

- When you have made an "enquiry call", the CONFERENCE function allows you to make a three–party call.
- The message "ON HOLD" on the bottom line of the screen tells you that there is a call on hold.

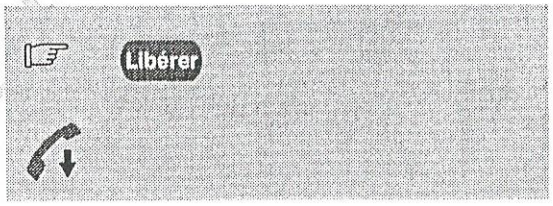
IMPORTANT :
The three–way conference feature is only available in AUDIO mode..



- 

Press this key to establish the conference.

- Press this key or replace the handset to end the conference. The three calls are released.

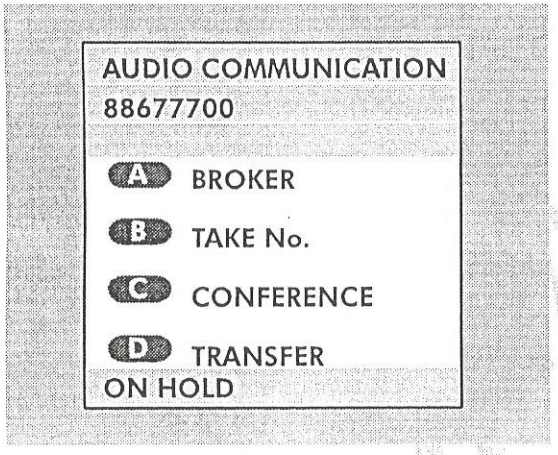


- **Remark :**

If your videophone is connected to an ISDN line in the public network, you must be a subscriber to France Télécom's "comfort" services to use this service.

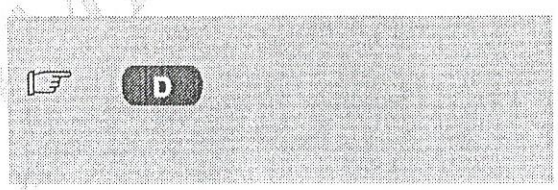
Call transfer

When you have made an "enquiry call", you can withdraw from the communication and put your two correspondents directly in contact with each other by means of a call transfer. This service is only available in a private installation.



You are in conversation with a second correspondent (to whom you have made an enquiry call) and your first correspondent is on hold.
The message "ON HOLD" on the bottom line of the display tells you that this correspondent is on hold.

Press this key to transfer the call.
You are no longer in communication.

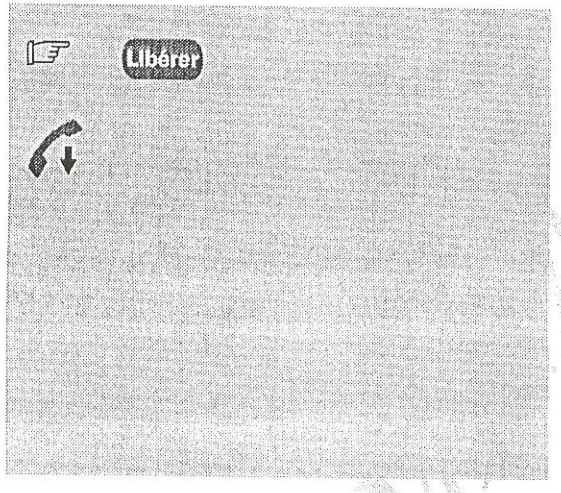


An unsuccessful transfer is indicated by a temporary message displayed on the last line of the screen.

PRELIMINARY

Release of an enquiry call

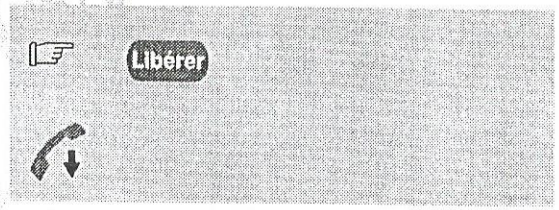
When you are in communication with two correspondents (first correspondent on hold and in conversation with the second), you can release the current call and return to your first correspondent.



Press this key or replace the handset. This action :

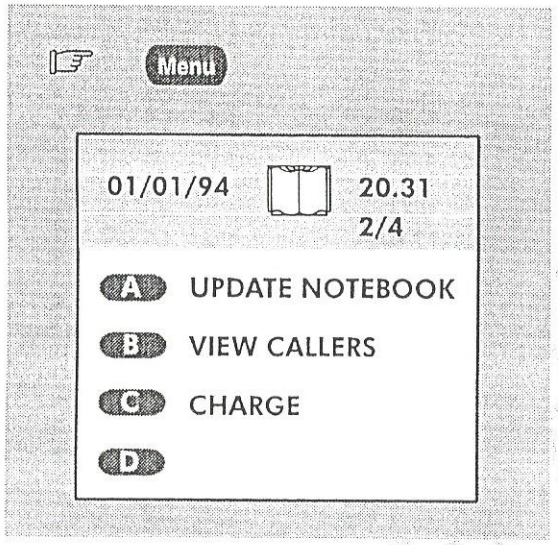
- releases the communication with your second correspondent,
- returns you to communication with your first correspondent.
  If the handset is replaced, the conversation continues in hands–free mode.

Press this key or replace the handset to end the call.



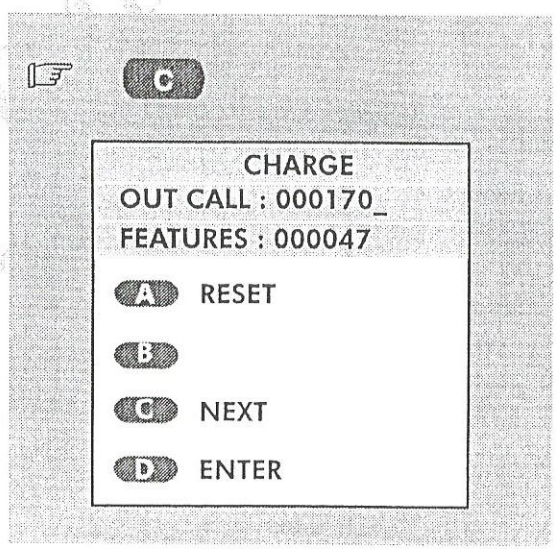
PRELIMINARY

Consultation of pulse meter



Press this key once on the first page of the main menu to access page 2.

Press this key to display the pulses.



PRELIMINARY

Using the A C D keys, you can :

- reset the pulse meter to zero (depending on the position of the cursor),
- skip to the following field (*),
- validate and return to the main menu.

(*)

skip to the following field means moving the cursor from one line to another on the display. In our example for consulting the pulse meter, the user may wish to skip from the OUT CALLS line to the FEATURES line to reset the counter to zero.

PULSES :

OUT CALLS :

Represents the total pulses of both communications and FRANCE TELECOM services used since the last reset to zero.

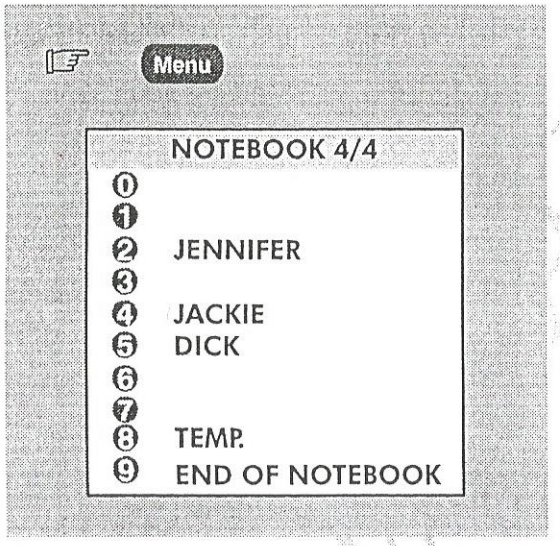
FEATURES :

Only contains the calculation of the pulses for accessing the various services of FRANCE TELECOM.

PRELIMINARY

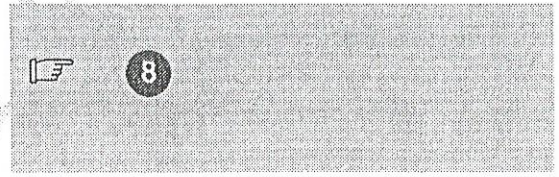
Consultation of temporary number

- You can read the name and the call number of a correspondent you have stored in the temporary memory.

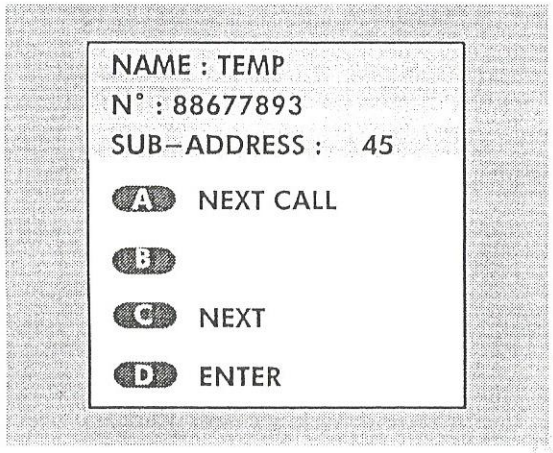


Press this key three times in the main menu to access page 4 of the repertory.

- Press this key on the dialing keypad.
  The name and number are displayed on the screen.

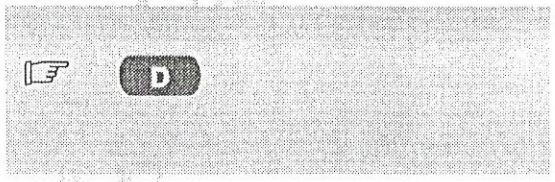


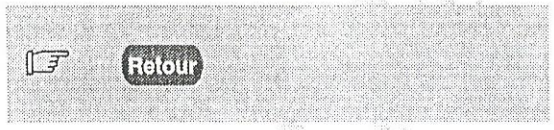
PRELIMINARY



Using the A or C keys, you can display the characteristics of the call.

Press this key to exit the menu. The last page of the repertory is displayed again.



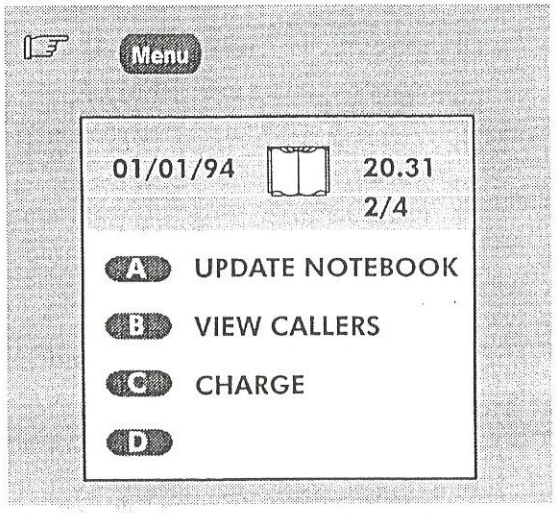


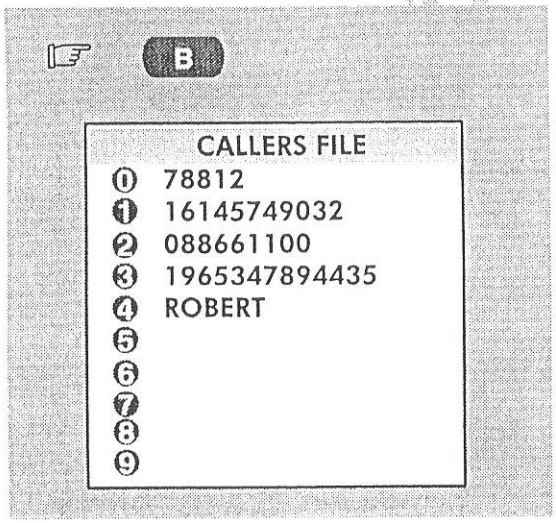
Press this key to go back to the main menu.

PRELIMINARY

Consultation of the list of callers

On the first page of the main menu, press this key once to access page 2.



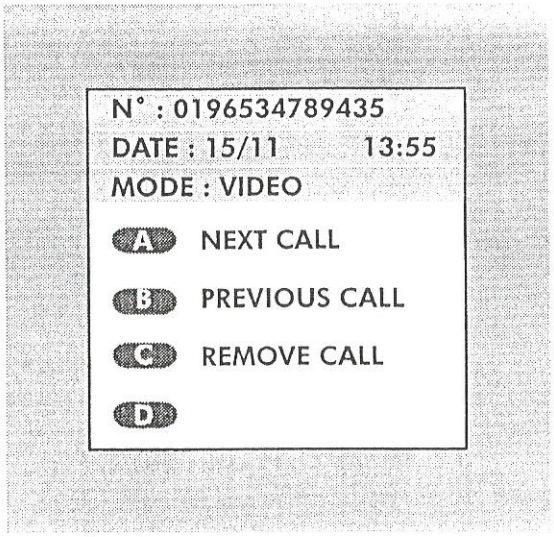


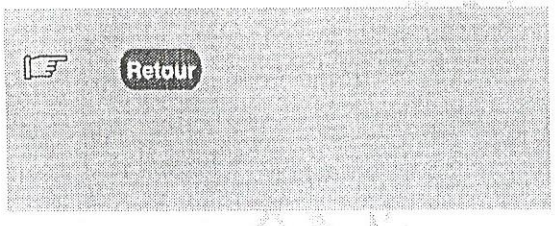
Press this key to display the list of callers.

If you want to **delete** an entry in the list, select it using the dialing keypad.

Using the three keys (A) (B) (C), you can :

- go on to the next entry,
- go back to the previous entry,
- remove the number and the characteristics of the caller on display.
  After deletion, the next entry is displayed automatically.





Press this key once after deleting or consulting an entry in the list. The main menu is displayed again on the station.

PRELIM

When you are called

STRAIGHTFORWARD CALLS

- Receiving a VIDEO call 41
- Receiving an AUDIO call 43
- Identification of a malicious caller 44

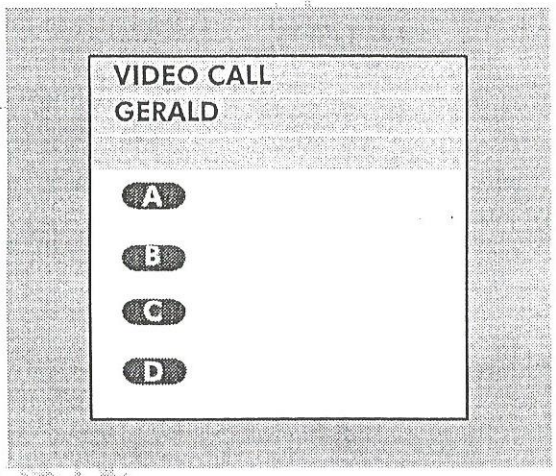
CALLING A SECOND CORRESPONDENT

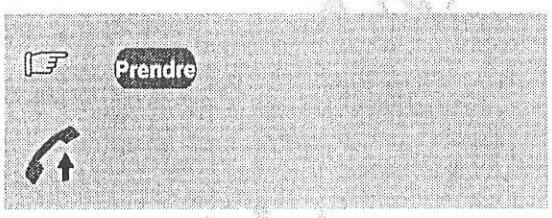
- Receiving a call during a communication 45

PRELIMINARY

Receiving a VIDEO call

- How an incoming call is displayed depends on the state of the videophone.
- A call which is unsuccessful (no reply, ...) is stored in the "list of callers" with its characteristics.
- A call is received by the videophone.

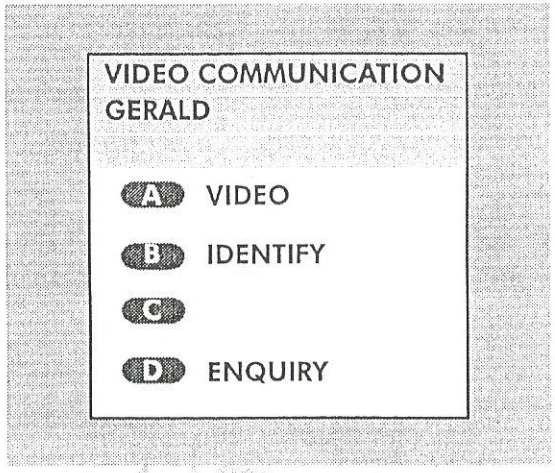




Press this key to take the call and speak in "hands–free" mode, or lift the handset.

PRO

- The caller is in video mode. The color of the displayed "VIDEO" field is different.



- ☞ A

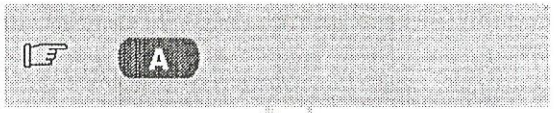
  Press this key to see your correspondent and allow them to see you.

- For information on changing the video picture displayed, please refer to the remark on page 19.

PRELIM

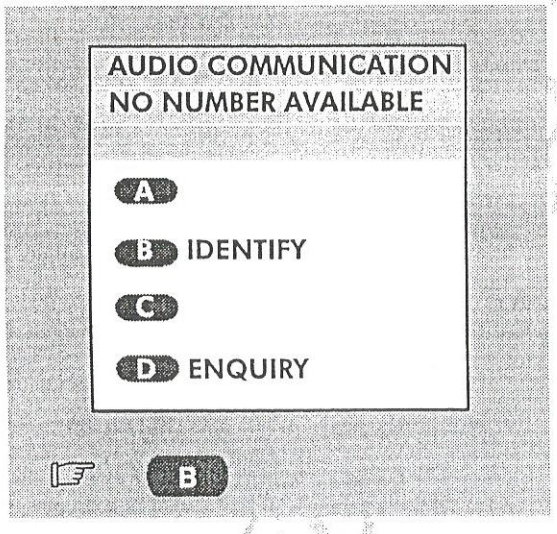
Receiving an audio call

- Maneuvers are the same as for **receiving a video call**.
- This key is not used.



PRELIMINARY

Identification of a malicious caller

- The use of this service requires a subscription to France Télécom's "comfort" services.Télécom
- During a conversation, you can ask France Télécom to record the number of a malicious call with identity secrecy. A judicial authority will be the only one to have access to the telephone number of this caller.
- 

Press this key to identify the correspondent.
- A message is temporarily displayed on the last line to indicate the acceptance or refusal of the service.
- **Remark :**

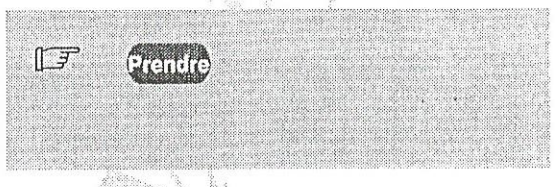
  To make a second call, see the chapter "Enquiry call" on page 26.

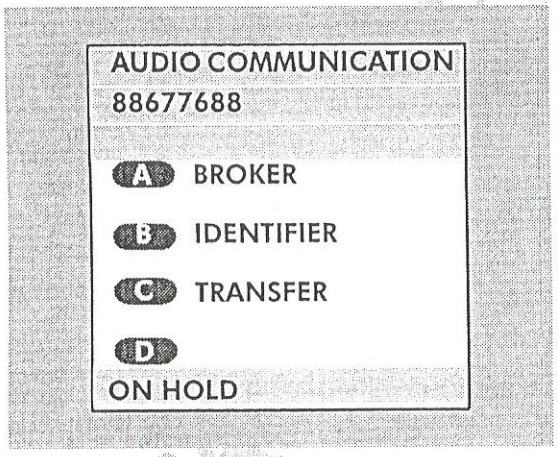
PRIV

Receiving a call during a communication

- The arrival of a call while in conversation is indicated by :
  - the emission of a beep every 5 seconds.
  - the caller's number on the last line of the display.

- Press this key to put the current correspondent on hold and to go into conversation with the waiting caller.



- 

The "ON HOLD" message displayed on the last line tells you that there is a call on hold.

Preliminary

Remarks

- To switch from one correspondent to another, consult the chapter "Broker's call" on page 29.
- To identify a call, consult the chapter "Identification of a malicious caller" on page 44.
- To transfer two calls, consult the chapter "Call transfer" on page 31.

PRELIMINARY

When you are absent and you divert your calls

WHEN YOU ARE ABSENT : CALL DIVERSION

- Activation of call diversion 49
- Cancellation of call diversion 50

YOU DIVERT YOUR CALLS : MANAGER/SECRETARY FILTERING

- General 51
- Programming of filtering 52
- Activation of filtering 54
- Cancellation of filtering 54

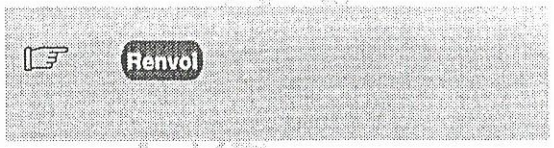
PRELIMINARY

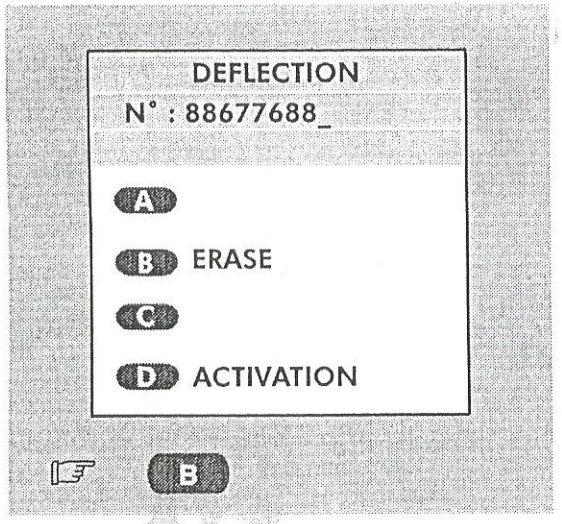
Call diversion

- If your station is directly connected to an ISDN line on the public network, a subscription to FranceTélécom's "comfort" services is needed to use this service.
- By using this function, all your calls are diverted to another station.

Activation of call diversion

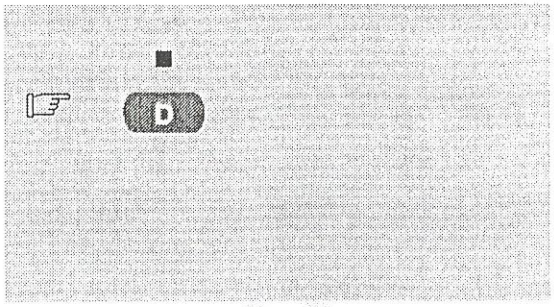
- Press this key then dial the number of the station you wish your calls to be diverted to.





Press this key if you wish to remove the diversion number.

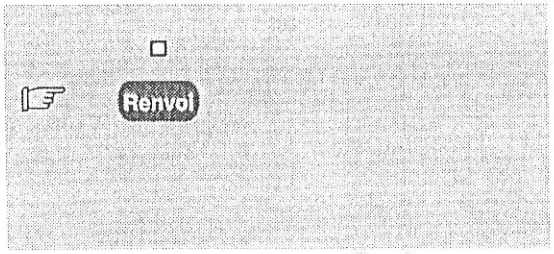
Press this key to activate the call diversion. The LED associated to the "renvoi" key lights up. Pressing a key other than D cancels the diversion programming.



Remark :

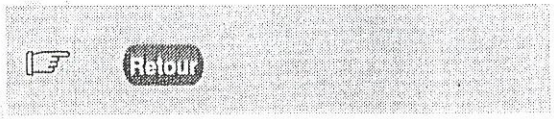
- When call diversion is active, all unsuccessful calls made to you are stored in the "list of callers" on your station.

Cancellation of the call diversion



When call diversion is active, press this key to cancel it. The LED goes out. The diversion number is stored in memory.

Press this key to return to the main menu.



Manager/secretary filtering

Preliminary remark ::

Use of the "Manager/secretary filtering" feature depends on the private installation to which your station is connected. Consult your systems manager to find out if you have access to this feature.

General

The "Filtering" feature makes the handling of manager and secretary calls easier.

To offer this feature, the station must be connected to a private installation.

An incoming call is presented simultaneously on the "manager" and "secretary" stations.

On the manager's station :

- The flashing of the FILTRAGE LED indicates the incoming call.
- If the manager lifts the handset, the call is cancelled on the secretary station and the secretary cannot take the call.
- If the call has not been taken by the secretary after a few seconds, it is normally cancelled on the secretary station and presented only on the manager's station.

On the secretary's station:

- The secretary is informed of the call at the same time as the manager. They are warned by a displayed message that it is a filtered call for the manager, and the ringer is activated.
- As soon as they lift the handset, the call is cancelled on the manager station and the manager cannot take the call.
- To send the call to the manager, the secretary has to switch into **enquiry call** mode and make a **call transfer**.

Remark:

The secretary can use a type of station other than the videophone, but in this case only AUDIO functions are available.

Preliminary

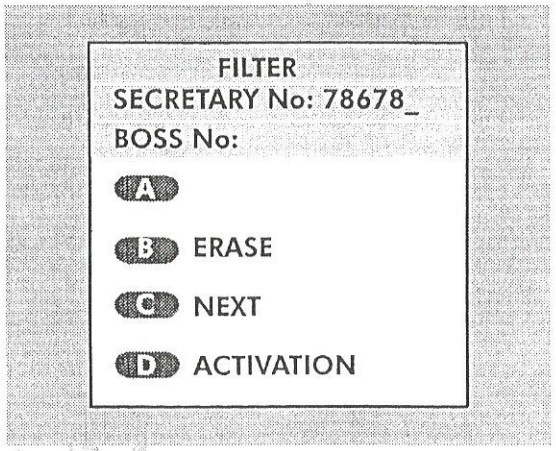
Programming of filtering

Filtering can only be programmed on the **Manager** station.

☞ D

Press this key in the main menu.

Dial the number of the secretary on the dialing keypad (maximum 8 digits).



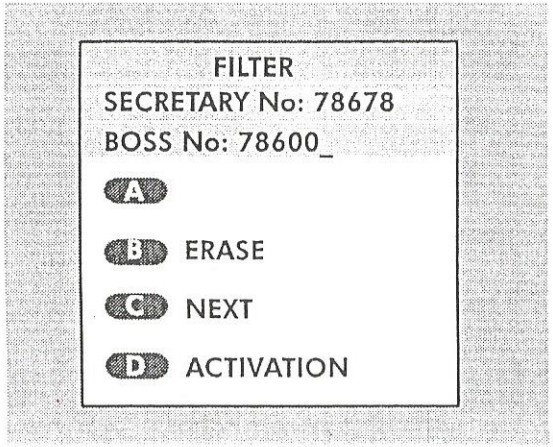
☞ B

Press this key if you need to correctyour entry.

Press this key then dial your number (maximum 8 digits).

☞ C

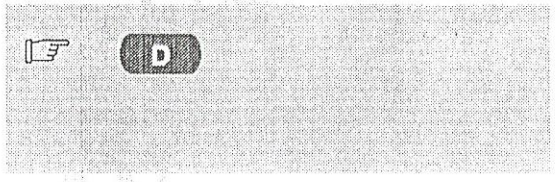
PRIVATE



Using the B and C keys, you can :

- delete the number (see the position of the cursor),
- go back to the previous field.

Press this key to validate the programming and activate filtering.

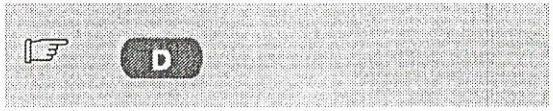


The station returns to idle and the main menu is displayed. The FILTRAGE LED is lit.

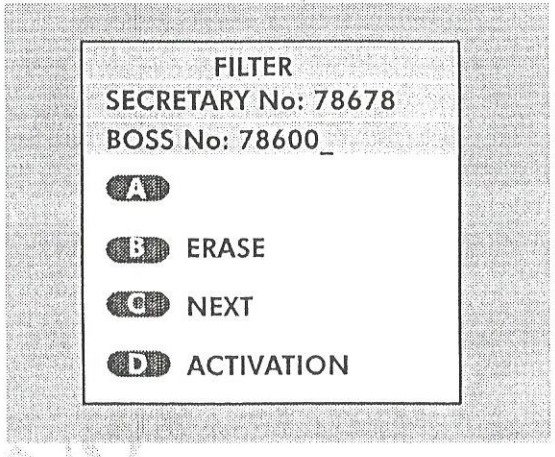
Preliminary

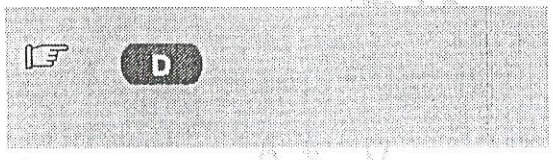
Activating call filtering

The numbers of the manager and secretary have already been programmed.



Press this key in the main menu.

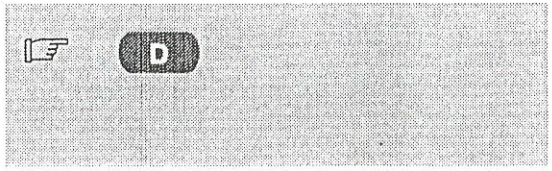




Press this key to activate call filtering. The FILTRAGE LED is lit.

Cancelling call filtering

Press this key in the main menu. The FILTRAGE LED goes out and call filtering is cancelled.



The main menu is displayed again.

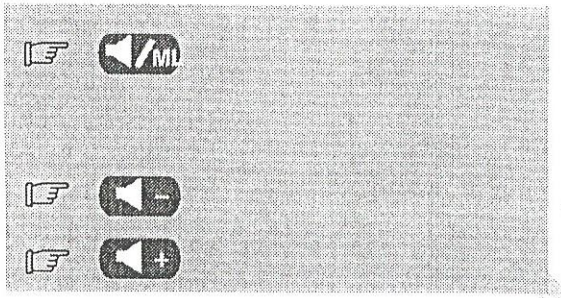
User comfort

- Hands–free 57
- Loudspeaker 59
- Mute 60
- Locking/unlocking 61

PRELIMINARY

Hands–free

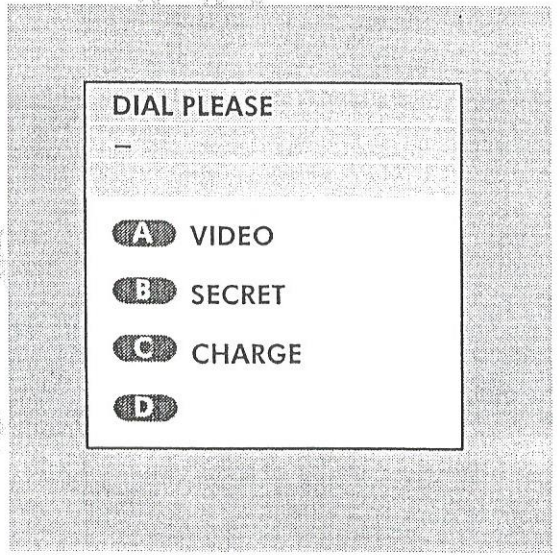
- The hands–free function allows you to communicate without lifting the handset.



Press this key in the main menu. The microphone and loudspeaker of your station are activated.

If necessary, press these keys to adjust the sound level.

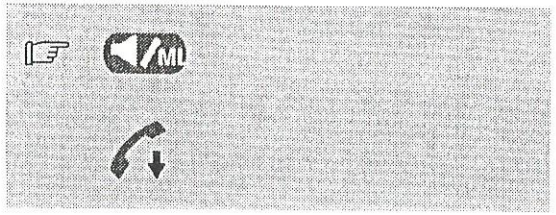
- You hear the dial tone and the following screen is displayed .
- Using the three keys A B C , you can :
  - make another video call,
  - make a call with identity secrecy (withhold your telephone number),
  - find out the cost of the call (displayed on the screen).



- Then dial the telephone number of your correspondent.

You can also go into hands–free mode :

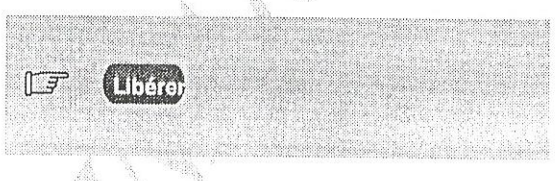
- **during an AUDIO or VIDEO communication**



Press this key and hold it down while you replace the handset. Release the key.

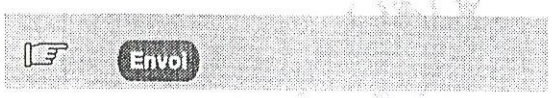
To return to handset mode, lift the handset.

Press this key to end a call in hands–free mode.



- **automatically**

Dial the number of your correspondent without lifting the handset.

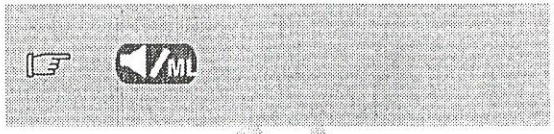


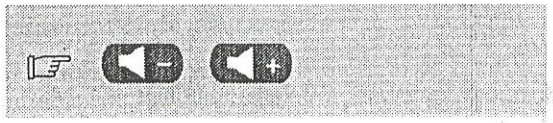
Press this key to transmit the number.

preliminary

Loudspeaker

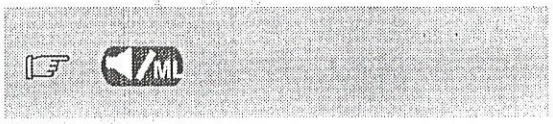
- During an AUDIO or VIDEO call, you can activate the loudspeaker to gain amplified reception.
- Press this key.



- 

If necessary, use these keys to adjust the sound level.

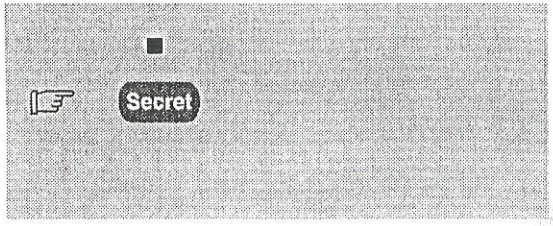
- To cancel amplified reception, press this key again.



PRELIMINARY

Mute

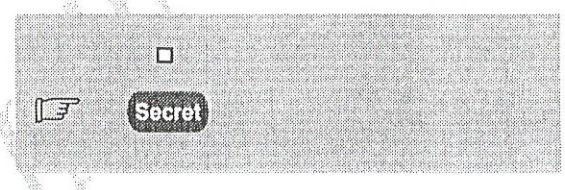
- During an AUDIO or VIDEO call, you can deactivate the microphone and the camera of your station so that your correspondent can no longer see or hear you.



Press this key. The associated LED lights up and remains steady to remind you that speech and your picture are not received on the correspondent's station.

When mute is active, a "SECRET VIDEO" message is displayed on the videophone of your correspondent.

- To cancel the MUTE feature, press this key once more. The corresponding LED goes out



- **Remark :**

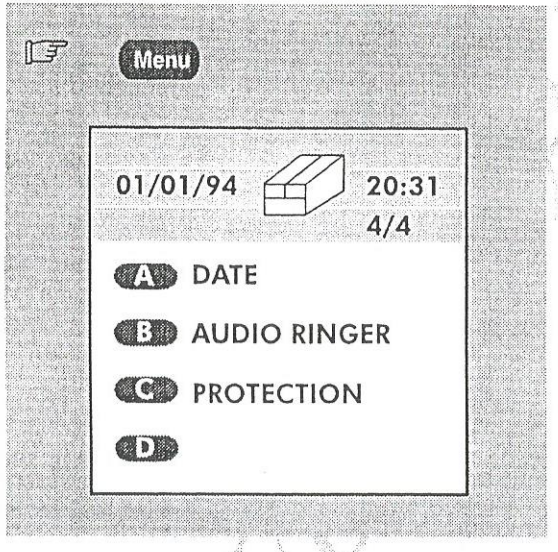
  During a video communication, the camera shutter must be fully open. You can place it in front of the camera to get a momentary video mute.

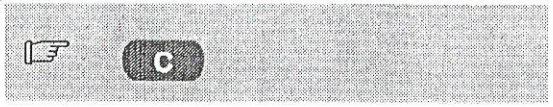
PRELIMINARY

Locking/unlocking the station

- This feature allows you to prevent access to confidential data on your station (the repertories) in your absence.

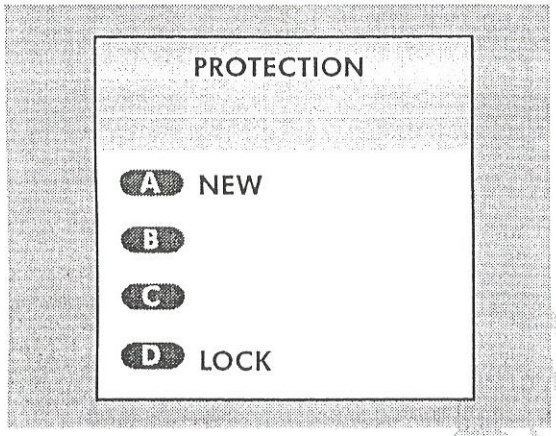
Locking the station

- The station is unlocked and the greeting screen is displayed.
- 

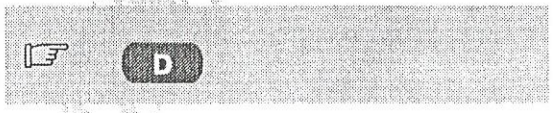
Press this key twice to get to page 4 of the main menu.
- Press this key.


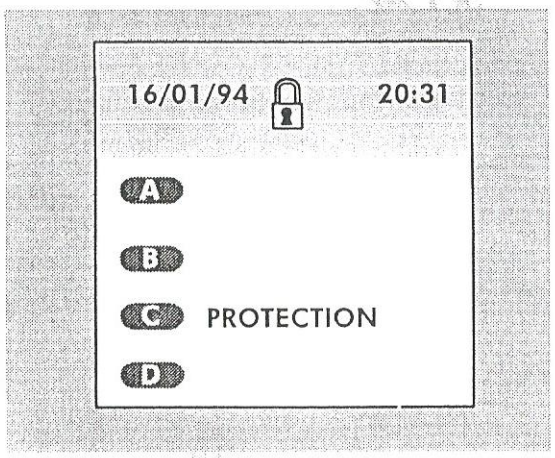
PREL

- Using the dialing keypad, enter the current 4–digit password to access station locking (to modify the current password, consult the chapter "Programming the protection" on page 90).



- Press this key to protect access to your videophone.



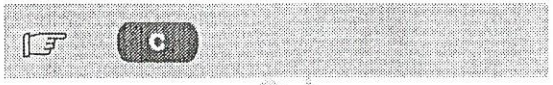


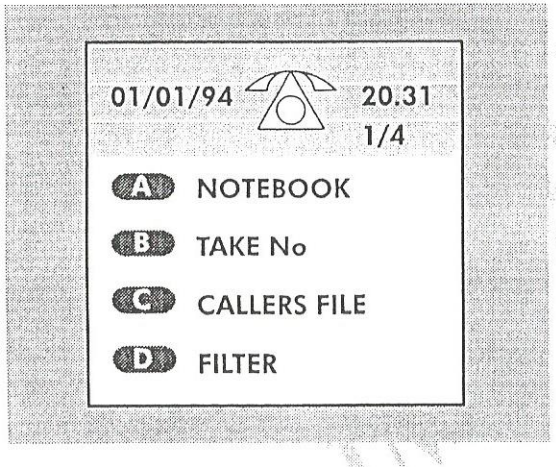
Your operation is complete and the main menu shows a new icon (locked padlock instead of a telephone).

The videophone is now locked. All the features of the station are inaccessible ; the only operations allowed are the reception of a call and direct dialing using the dialing keypad.

Unlocking the station

Press this key.





Using the dialing keypad, enter the current 4–digit password to access station unlocking.

If the password is correct, the videophone is unlocked automatically and all the functions of the station can be accessed.

Your operation is complete and the main menu shows the usual icon (telephone instead of a locked padlock).

PRELIMINARY

When you customize your station

PROGRAMMING MODE 67

PROGRAMMING IN PAGE 2

- Programming the individual repertory 69

PROGRAMMING IN PAGE 3

- Programming the station number 74
- Programming the prefixes 76

PROGRAMMING IN PAGE 4

- Programming the date and time 79
- Programming the ringing 84
- Programming the protection (password) 86

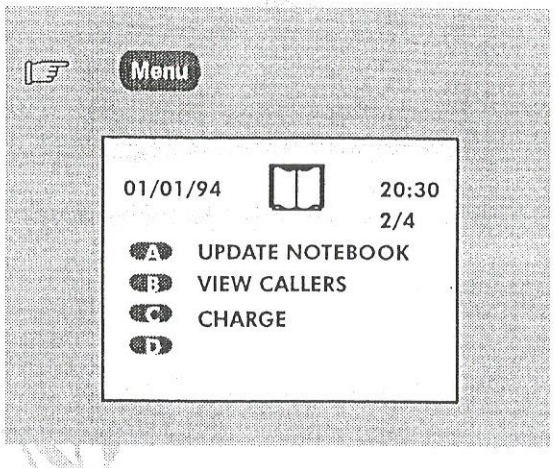
STORING A TEMPORARY NUMBER 89

ADJUSTING THE BRIGHTNESS 91

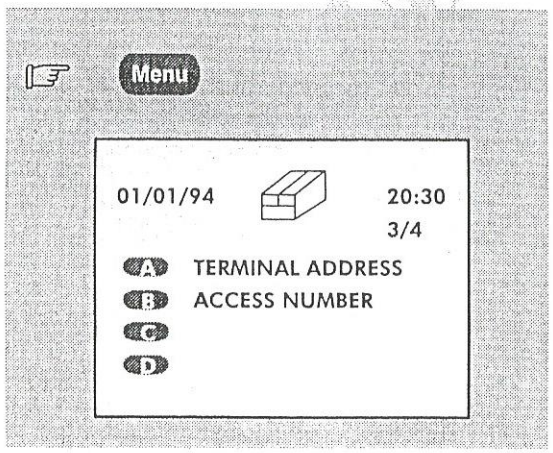
PRELIMINARY

Programming mode

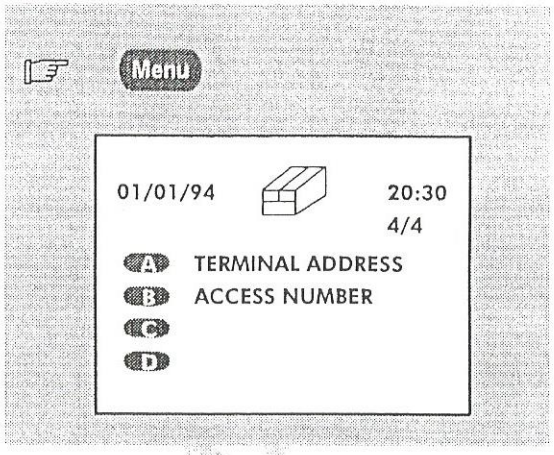
- To better suit your daily needs, you can choose and store some features on your station.
- You can access **programming** mode from pages 2, 3 and 4 of the main menu.
- Press this key once on the first page to get to page 2.



- Press this key twice on the first page to get to page 3.



- Press this key three times on the first page to get to page 4.



- You are in programming mode.
- **Observe the screens, they will help you in all the programming shown below.**

PRELIMINARY

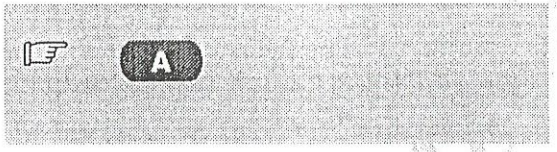
Programming the individual repertory

The individual telephone repertory can contain 38 correspondents distributed on 4 pages and identified by a name or a mnemonic.

The contents of the repertory are safeguarded in the event of a power failure.

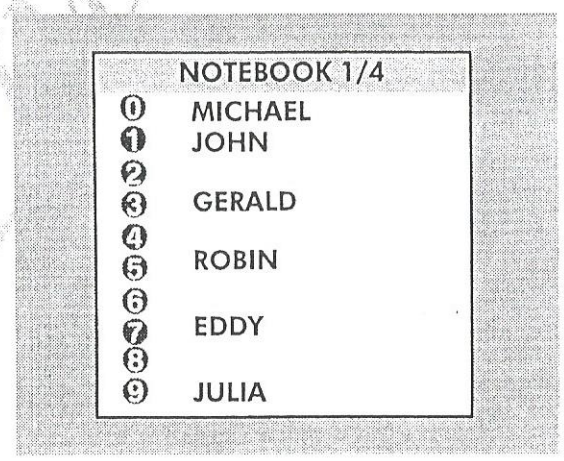
Entries in your repertory are subject to the following restrictions :

- **NAME : 8 characters**
- **N° : 18 digits**
- **SUB–ADDRESS : 4 digits**



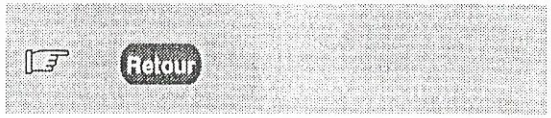
Press this key (page 2 of the main menu).

This example uses the first page of the repertory.



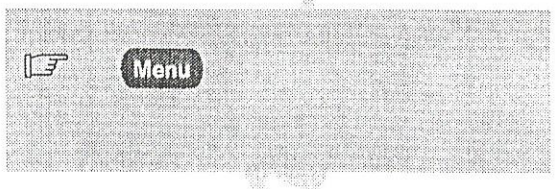
PRELIMINARY

On this page, you can :



- go back to the main menu by pressing this key,

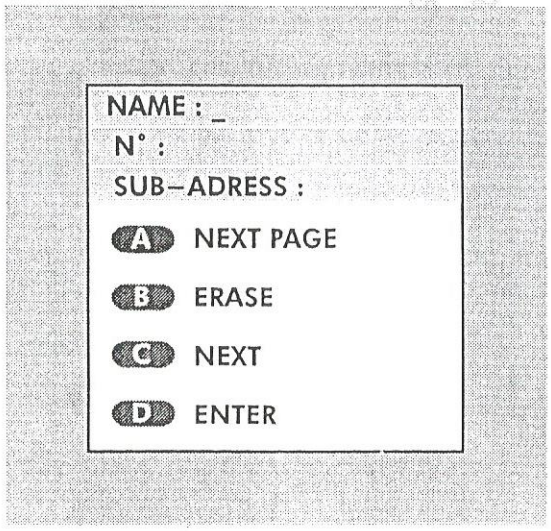
- scroll through successive pages of the repertory and display the list of your correspondents by pressing this key,



- using the dialing keypad, select one of the repertory entries (0 to 9) in order to add to, modify, read or delete the name of the correspondent and the associated characteristics.

Adding an entry to a page of the repertory

On a page of the repertory, select an entry using the dialing keypad



Using the four keys A B C D, you can :

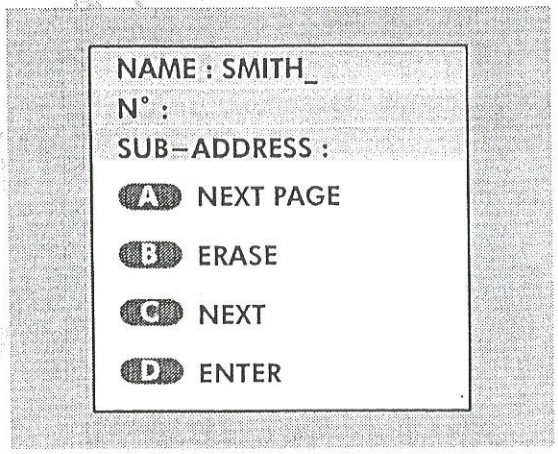
- go on to the next page,
- delete the entry in the current field (see position of cursor),
- move on to the following field,
- validate the entry and its call characteristics.

- Using the dialing keypad, enter the name or mnemonic of your correspondent. All the characters marked on a key can be typed by pressing this key. To type a character, press the corresponding key until it appears on the screen.

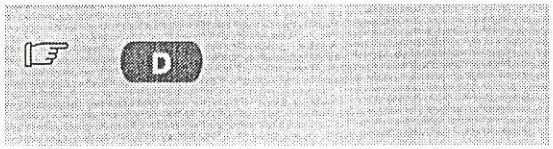
- **Remarks :**

  - The key 1 creates a "space" or digit "1".
  - The key 6, as well as typing M and N creates a hyphen (–).
  - The key * is used to repeat the same letter or to move on to another letter on the same key.
  - The key # is used to delete a character.

- Enter the Number of your correspondent on the dialing keypad.



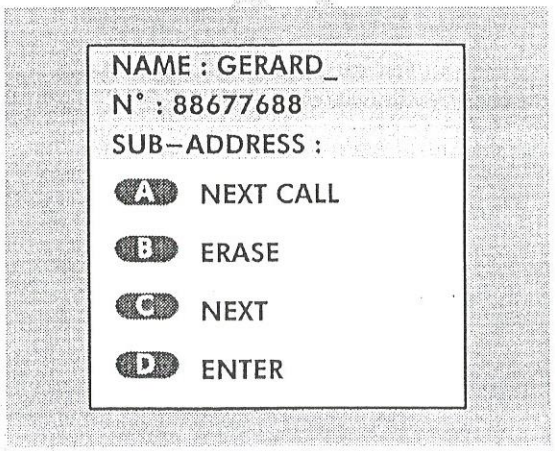
PRELIMINARY

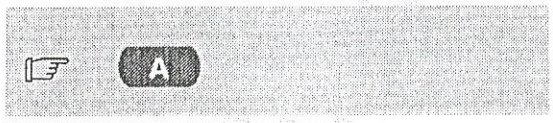


Appuyez sur cette touche pour valider votre manoeuvre.

Modifying the characteristics of the call

On a page of the repertory, select one of the entries using the dialing keypad (repertory 3 as an example).



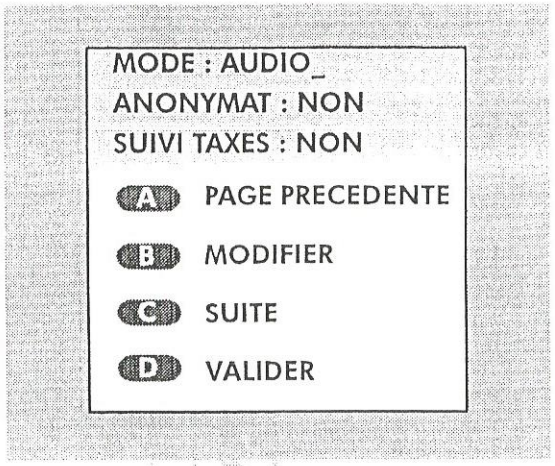


Press this key to go on to the next page.

PRELIMINARY

Using the four keys (A) (B) (C) (D), you can :

- move on to the next page,
- modify the data in the current field (see position of cursor),
- move on to the next field,
- validate.



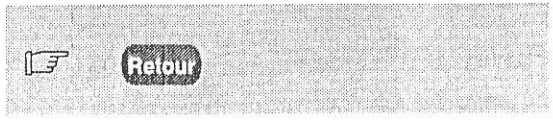
Remarks :

To modify the data in the current field, press the (B) key. One of the two settings for each characteristic is displayed.

- **MODE** : If your correspondent has a videophone, change this field to **VIDEO**.
- **SECRET** : if you do not want your subscriber number to be transmitted, change this field to **YES** .
- **CHARGE** : if you want pulses to be displayed during your communication, change this field to **YES.**

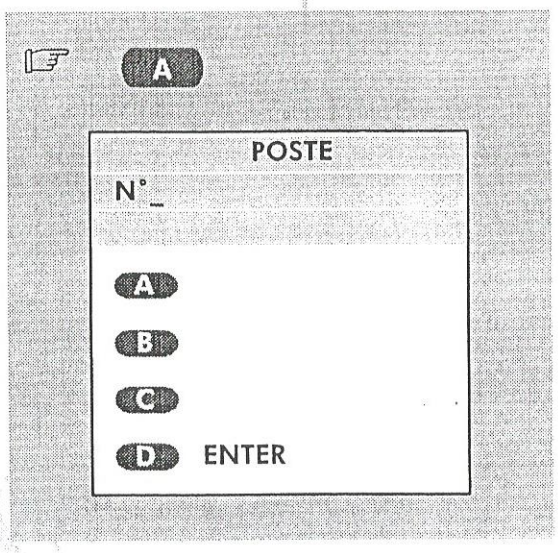
Press this key to validate your maneuver.

Press this key to return to the main menu.

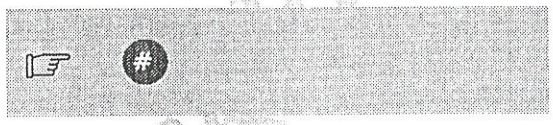


Programming the station number

- For your calls to be identified by your correspondents, you have to enter your telephone number.
- Press this key (page 3 of the main menu)

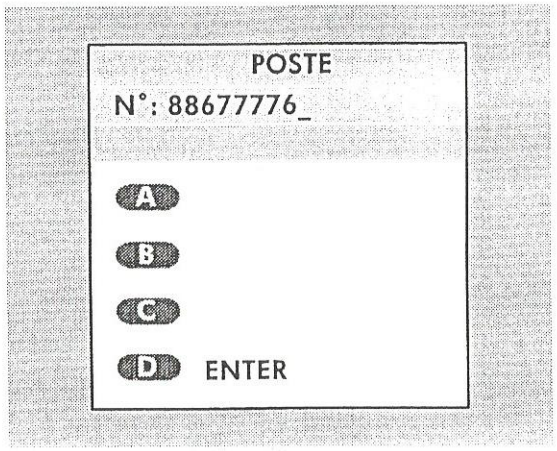


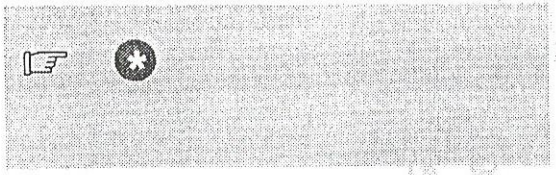
Enter the telephone number of your station on the dialing keypad, for example N° 88677776.

- 

Use this key to make a correction.

Preliminary





If the telephone number contains a sub–address, separate the number and the sub–address using this key.

Press this key to validate your maneuver.

Your operation is recorded and the greeting screen is displayed again on the station (first page of the main menu).

Remark :

Several terminals (fax, printers, stations, etc...) can be connected to the same basic access. The telephone number makes it possible to route the call to the required basic access. Then the user has to specify the terminal to which the call is destined. This is the role of the sub–address.

Programming the prefixes

Your station has to know the number of the zone in which it is located, in order to display the identity of the person who calls you and maybe to call them back (see the paragraph "using the list of callers" on pages 23 and 37).

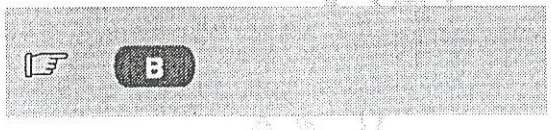
Example : if you are in the provinces and you receive a call from Paris, 16174460033 is displayed on the station.

Similarly, if you are connected within a private installation, the station has to know the prefix to be added for accessing the network.

The numbering plan in force in 1994 is as follows :

- **NATIONAL : 16**
- **LOCAL EXCHANGE : –**
- **INTERNATIONAL : 19**
- **REGION OR ZONE : 1 = Paris region**
  – = provinces

These values should be changed if the numbering plan is modified.

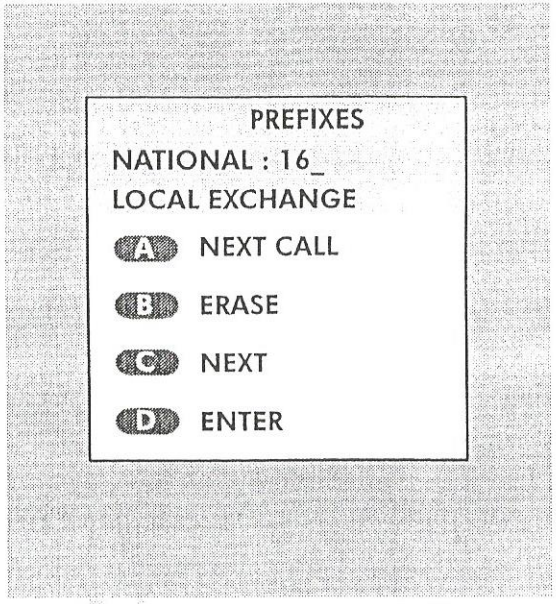


Press this key (page 2 of the main menu).

PRELIMINARY

With the help of the (A) (B) (C) (D) keys, you can :

- move on to the following page containing the two other modifiable prefixes,
- remove the current prefix depending on the position of the cursor (NATIONAL in the case opposite),
- go to the next prefix (LOCAL EXCHANGE),
- validate.



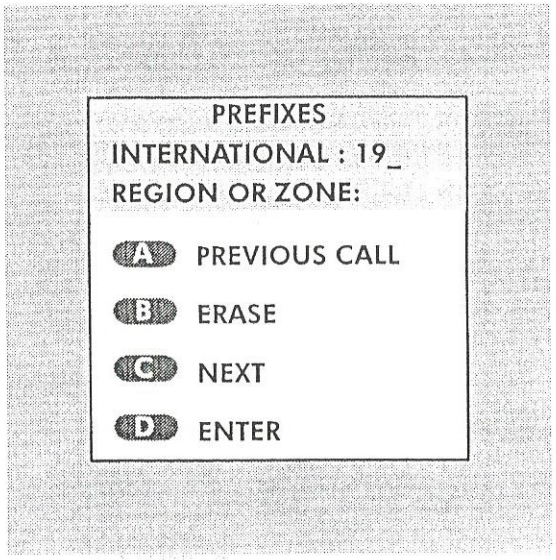
☞ (A)

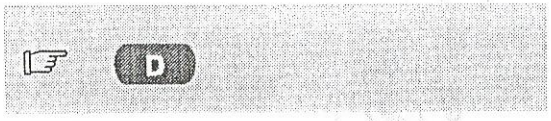
Press this key to move on to the next page.

PRELIM

With the help of the (A) (B) (C) (D) keys, you can :

- move on to the following page,
- delete the current prefix depending on the position of the cursor (INTERNATIONAL in the case opposite),
- move on to the next prefix (ZONE),
- validate.





Press this key to validate your maneuver.

Your operation is recorded and the station displays the greeting screen again (first page of the main menu).

PRELIMINARY

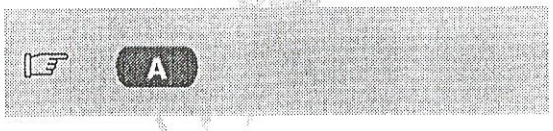
Programming the date and time

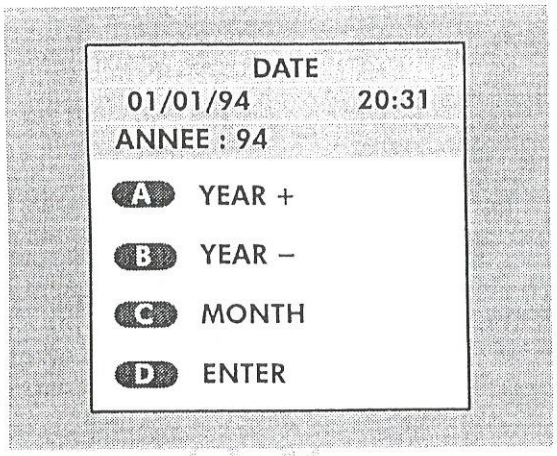
The date and time are displayed on your station. If they are incorrect, you can modify them.

You must make your modifications in the following order : year, month, date, hours, minutes.

At any time you can leave the menu and save your modifications by pressing the **VALIDER** key.

Press this key (page 3 of the main menu).

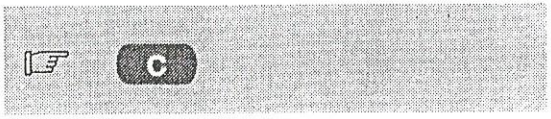


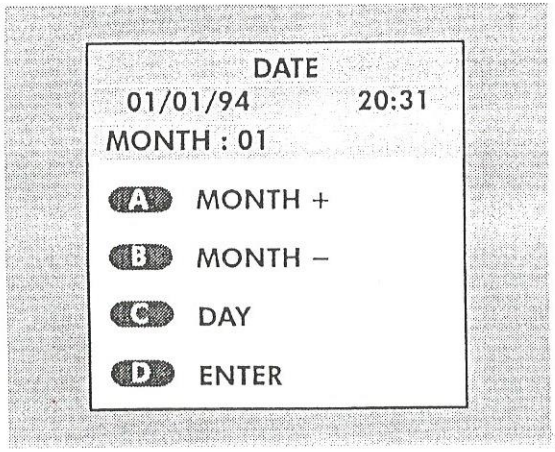


Using the four A B C D keys, you can :

- modify the year,
- go to the following page to modify the month,
- validate.

Press this key to program the month.

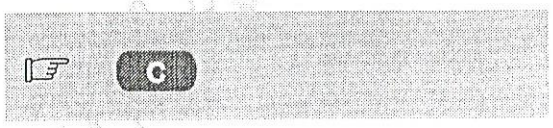




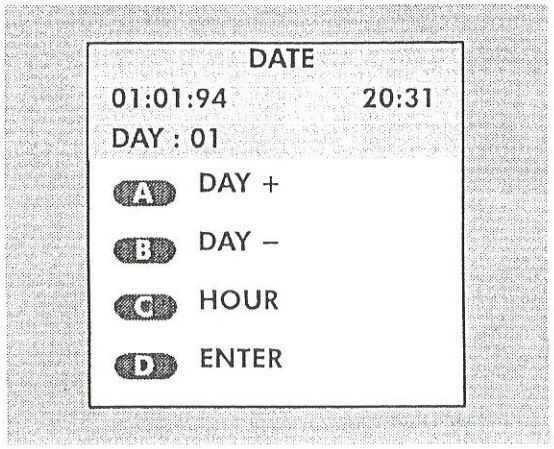
Using the four A B C D keys, you can :

- modify the month,
- go to the following page to modify the day,
- validate.

Press this key to program the day.



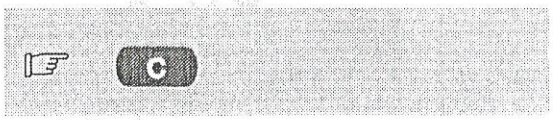
PRELIMINARY



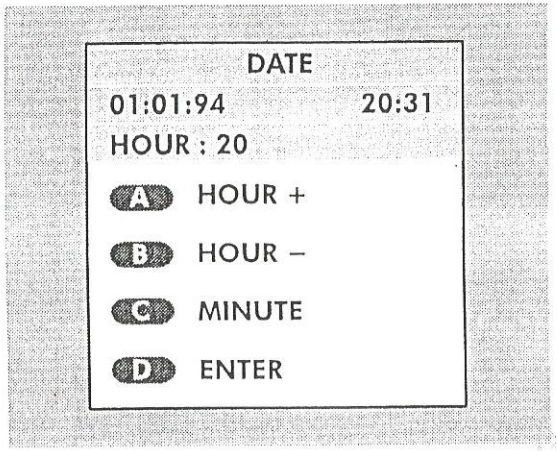
Using the four A B C D keys, you can :

- modify the day,
- go to the following page to modify the time,
- validate.

Press this key to program the time.



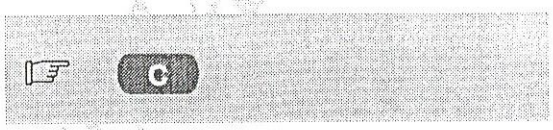
PRELIMINARY



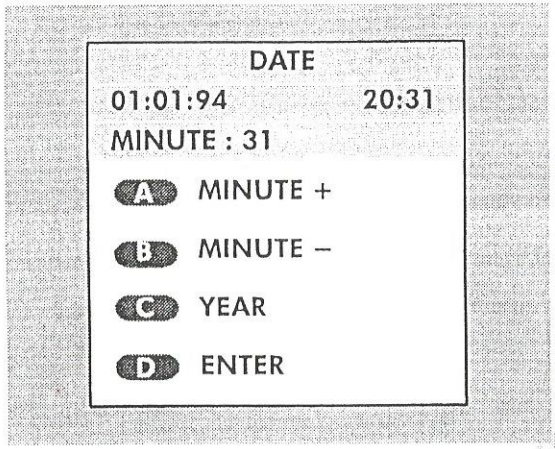
Using the four A B C D keys, you can :

- modify the hour,
- go to the following page to modify the minutes,
- validate.

Press this key to program the minutes.



PRELIMINARY



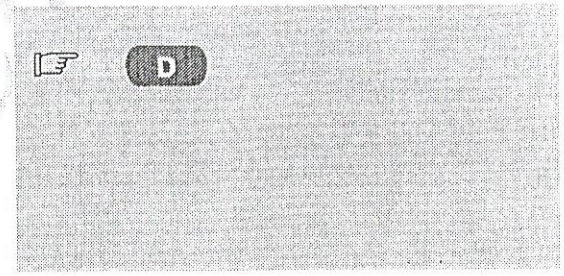
Using the four A B C D keys, you can :

- modify the minutes,
- go on to program the year,
- validate.

ATTENTION

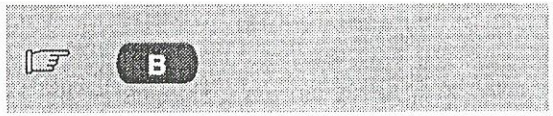
- For all these settings (Date/Time), the modified parameter is displayed on the third line of the screen. The former value of the parameters is displayed on the second line of the screen. Parameters can be validated in each display.
- The date and time on the 2nd line are updated according to the last modification as soon as another screen is displayed. This last modification is only taken into account after validation.

Press this key to validate your maneuver. The date and time are recorded and the greeting screen is displayed again on the station (first page of the main menu).



Programming the ringing

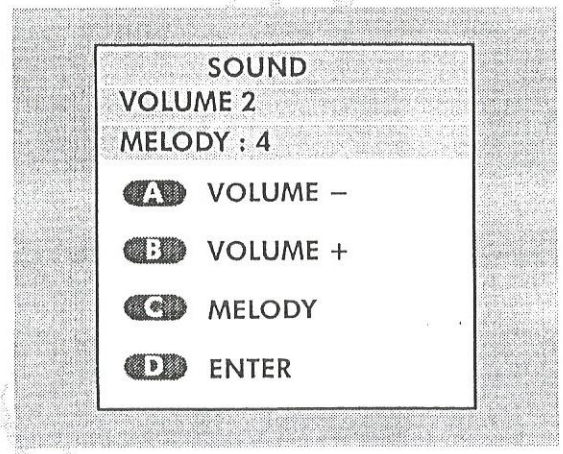
You can choose the ringing of your station among 5 melodies and volume levels.

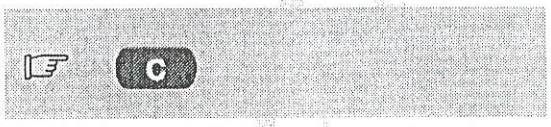


Press this key (page 3 of the main menu).

Using the four keys A B C D you can :

- modify the volume level,
- go to the following page to change the melody,
- validate.



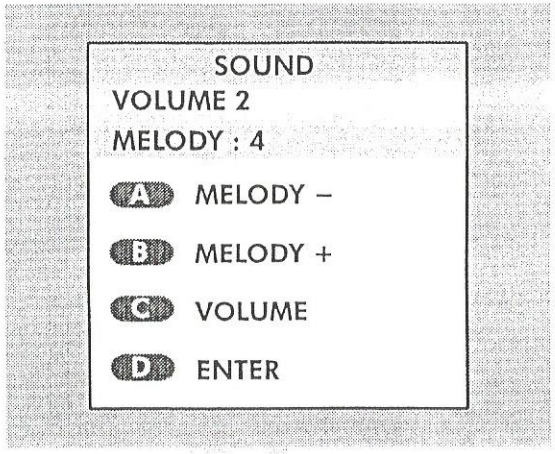


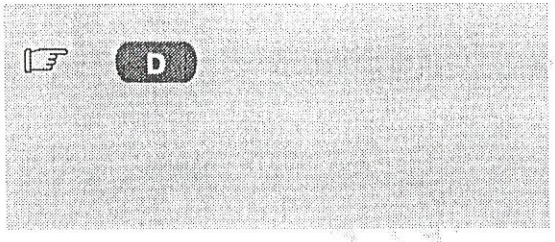
Press this key to choose the melody.

PRELIMINARY

Using the four keys (A) (B) (C) (D) you can :

- modify the melody at the selected sound volume.
- go back to the programming of the volume level,
- validate.



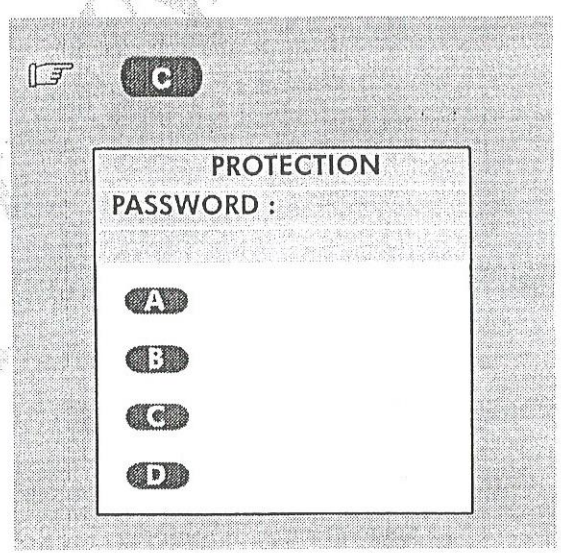


Press this key to validate your maneuver. The greeting screen is displayed again on the station (first page of the main menu).

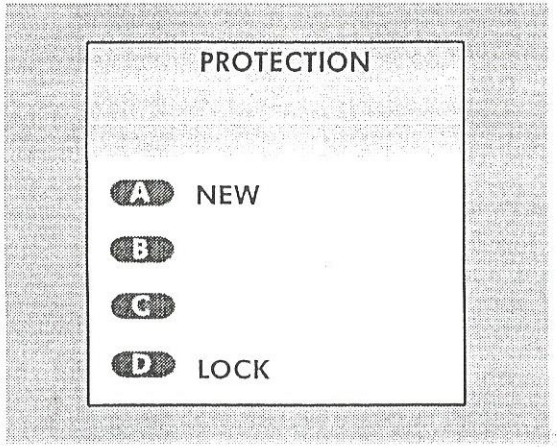
Programming the protection

- You can protect access to the programming and parameters of your station using a password. Once it is locked, you can only :
  - **receive calls,**
  - **call a correspondent using the dialing keypad.**
- Your station is pre–programmed with a default password (0000). The password has a compulsory length of 4 digits.
- **Remark :**

  This chapter only concerns the programming of the password. Please refer to the chapter "Locking/unlocking the station" on page 61 to use it to protect your station.
- Press this key (page 3 of the main menu).

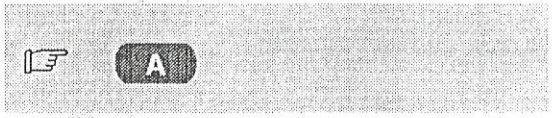


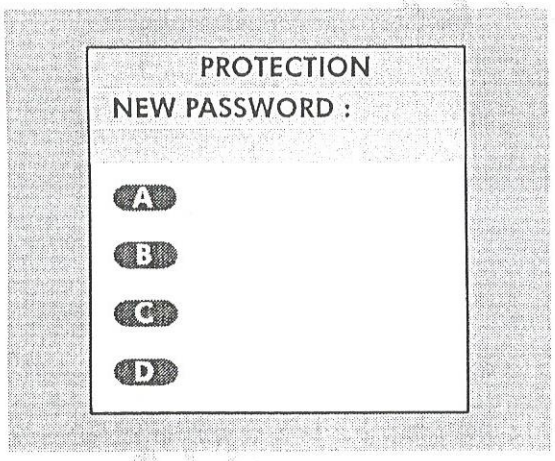
PRELIMINARY



Enter the current password (new or default) on the dialing keypad to access protection parameters.

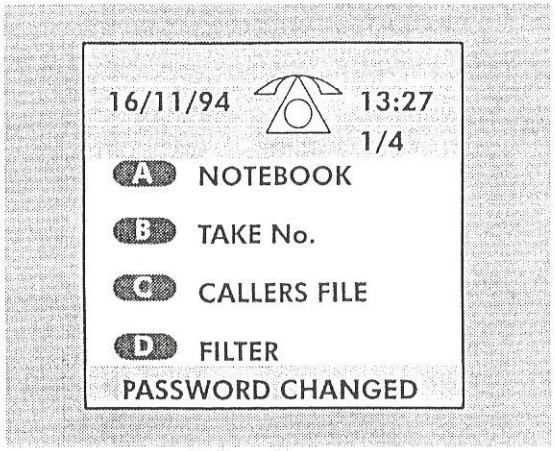
Press this key to modify the current password.





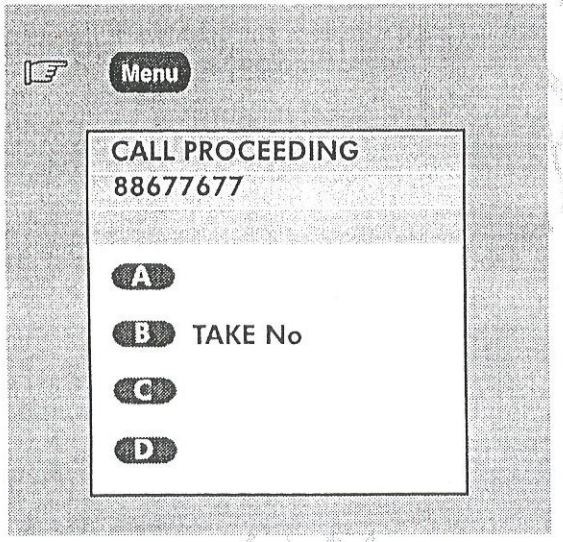
Enter the new password on the dialing keypad **twice**.

- Your operation is complete, the main menu is displayed and a temporary message at the bottom of the screen acknowledges the password modification.



PRELIMINARY

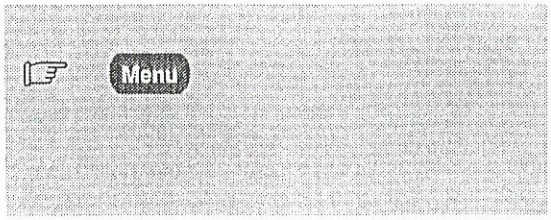
Storing a temporary number

- At any time during a call, you can store the characteristics (mode, secrecy, pulses) and call number of your correspondent for later use.
- Enter the telephone number of your correspondent on the dialing keypad. As soon as the number is dialed, a temporary message indicates that the call is in progress.
- 

  If you are in VIDEO mode, press this key once to access the menu.
- Press this key to memorize the current call number and its characteristics.

Preliminary

Your station validates the operation by displaying the TEMP. STORED message and then returns to the current menu.

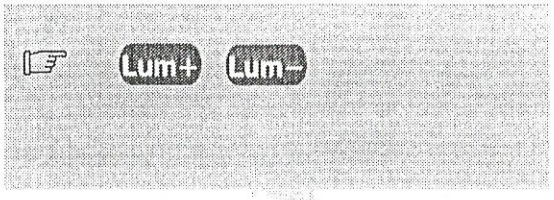


For VIDEO communications, your correspondent is displayed again by pressing this key once.

PRELIMINARY

Adjusting the brightness

- Press these keys to adjust the screen brightness to the environment.



PRELIMINARY

Station care and safety

CLEANING .

Use a slightly moistened cloth to clean your telephone.

STATION CARE

- IMPORTANT : never put your telephone in contact with water.
- Never use solvents such as trichlorethylene, acetone etc. These can damage the finish on your telephone.
- Never spray your telephone with a cleaning agent.

SAFETY

Your station complies with the EN 60950 and EN 41003 safety standards.

Within the context of the EN 41003 standard, the trunk line interface and the secondary part of the transformer (power supply block) are classed as SELV. The primary part of power supply (230V rms) is considered as an excess of voltage.

This station is not provided with an ON/OFF switch; the main socket has to be installed near the hardware and easily accessible.

GUARANTEE

This product is covered by the manufacturer's guarantee.

PRELIMINARY

Technical information

TELEPHONE LINE INTERFACE

- ISDN basic access S0/T0.
- RJ45 8–pin connector . The pins are as follows :
  - 3 : emission E+
  - 4 : reception R+
  - 5 : reception R–
  - 6 : emission E+

POWER SUPPLY

- External 22 V DC supply, connected to the mains and ensuring video features.

DISPLAY

- 4 inch backlit LCD color display. Resolution : 383 x 234 pixels, 12 lines and 22 columns in text mode.
- Local, remote or combined video image updated every 91 ms (11 images per second).
- Screen brightness control.
- Angular range of screen/camera : 27 degrees.

CAMERA

- CCD camera with 1/3 inch fixed focal length, resolution 290000 pixels. Depth of field between 0.4 and 1.2 m.
- Lighting requirements : between 300 and 3000 lux.

PRELIMINARY

HANDSET

- Electret microphone.
- Anti–larsen device.

PERIPHERY

- Composite PAL standard video outlet with CINCH socket.

REPERTORY

- Storage of up to 38 names and associated characteristics. In the event of a power failure, the contents of the repertory and the station number are safeguarded.
- Maximum length of name : 8 characters
- Maximum length of number : 18 digits
- Maximum length of sub–address : 4 digits

ENVIRONMENT

- Between 0°C and 35°C.

PRELIMINARY

Index

- Activating/Deactivating the station 13
- Adjusting the brightness 91
- Broker's call 29
- Calling a correspondent 17
- Call diversion (activation) 49
- Call diversion (cancellation) 50
- Call transfer 31
- Conference 30
- Deactivating/Activating the station 13
- Enquiry call 26
- Filtering (activation) 54
- Filtering (cancellation) 54
- Filtering (general) 51
- Filtering (programming) 52
- Hands–free 57
- Identification of a malicious call 44
- Individual repertory (transmission) 22
- Individual repertory (programming) 69
- Installation 8
- Last number redial 20
- Layout of the main menu 14

PRELIMINARY

- List of callers (calling a correspondent) 23
- List of callers (consultation/removal) 37
- Locking/unlocking the station 61
- Loudspeaker 59
- Mute 60
- Password (programming the protection) 86
- Programming date and time 79
- Programming mode 67
- Programming the prefixes 76
- Programming the protection (password) 86
- Programming the ringing 84
- Programming the station number 74
- Pulses (meter consultation) 33
- Receiving an AUDIO call 43
- Receiving a call during a communication 45
- Receiving a VIDEO call 41
- Redial (last number redial) 20
- Release of an enquiry call 32
- Station care and safety 93
- Technical information 54
- Temporary number (consultation) 35
- Temporary number (programming) 89
- Temporary number (transmission) 21
- Unlocking/locking the station 61

PRELIMINARY