User guide
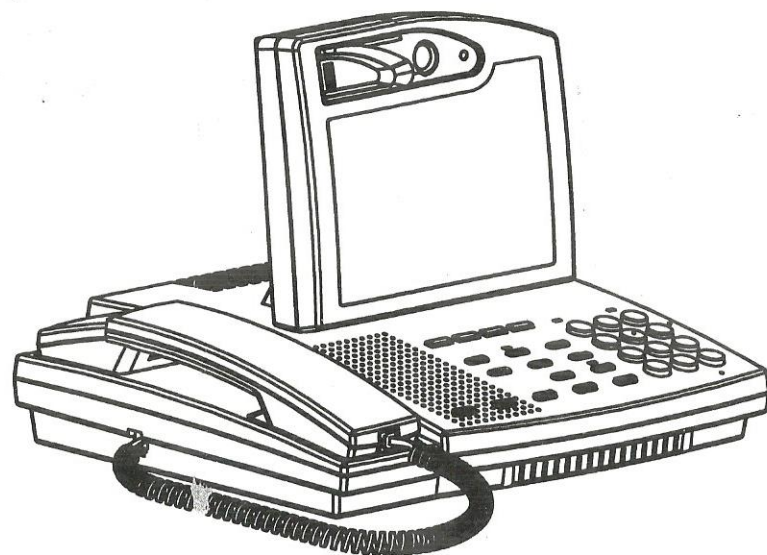# Alcatel 2838

INFORMATION

By choosing this Alcatel 2838 product, you have just acquired not only a videophone which enables you to see as well as hear your correspondent, but also a telephone which gives you quick and easy access to all the features you might expect from a high—performance, fully evolutionary product.
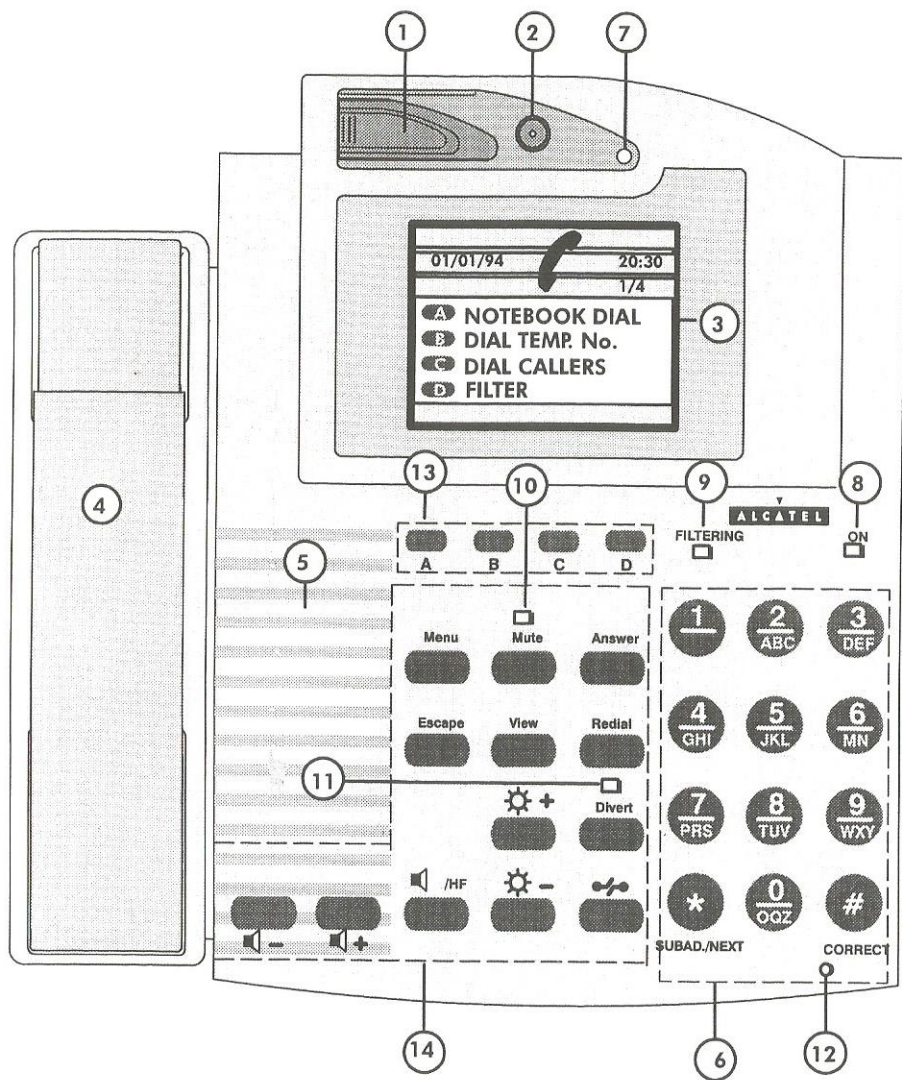
You can use this videophone to benefit from FRANCE TELECOM's network services.
For information on how to subscribe to these services, enquire at your nearest FRANCE TELECOM agency.

Once your videophone has been installed, its user—friendly design gives you easy access to 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.

The availability of some of the features and facilities described in this guide depends on the type of system your videophone is connected to (private PABX or public network). Your system controller will be able to tell you whether such features are currently offered or will be offered in the future by your system.

01/01/94   20:30
            1/4

Ⓐ NOTEBOOK DIAL
Ⓑ DIAL TEMP. No.
Ⓒ DIAL CALLERS
Ⓓ FILTER

FILTERING   ON

ALCATEL

A   B   C   D

Menu   Mute   Answer

Escape   View   Redial

☼+   Divert

◀/HF   ☼-   ✂

◀-   ◀+

1   2 ABC   3 DEF

4 GHI   5 JKL   6 MN

7 PRS   8 TUV   9 WXY

*   0 OQZ   #

SUBAD./NEXT   CORRECT

① Sliding camera shutter.

② 1/3" CCD capture color camera.

③ 4" LCD color screen.

④ Handset.

⑤ Loudspeaker.

⑥ 12–key dialing keypad.

⑦ ■ Control LED : Camera active. Your picture is sent to your correspondent.

⑧ ■ Control LED : 'ON'. Your station is connected to the mains supply.

⑨ ■ Control LED : 'FILTERING'. Your calls are filtered by the secretary.

⑩ ■ Control LED : 'MUTE'. Audio and video inhibition of your station is active.

⑪ ■ Control LED : 'DIVERT'. Calls to your station are diverted to another station.

⑫ ● Hands–free microphone

⑬ ▬ ... ▬ Four soft function keys defined according to the screen display.
A .. .. D

⑭ **Menu** Used to display and scroll through the pages of a menu.

Escape Leave current state and display page 1 of the main menu (in video mode, toggle between image and main menu).

Answer Answer an incoming call, or reply to a waiting call.

☎ Release a call in progress.

Divert Activate/deactivate call diversion on your station.

Redial Redial the last number dialed on the keypad.

Mute Inhibit audio and video transmission from your station.

View Display on your station the image which your correspondent receives (allowing you to ensure that it is correctly centred).

🔊 /HF Enter 'hands–free' mode or change to 'amplified reception'.
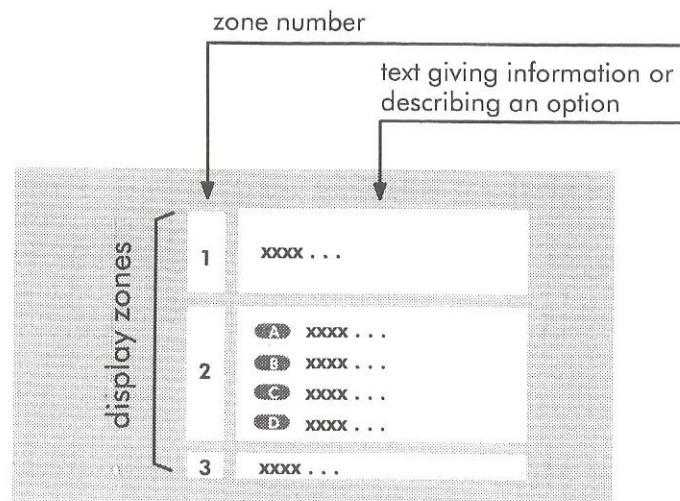
☼ – ☼ + Adjust the display contrast.

🔊 – 🔊 + Adjust the sound level in 'amplified reception' or hands–free mode.

Summary

Understanding this guide

To avoid unnecessary repetition of the screen displays, only the information relevant to the operation being described will be given, in the following form :
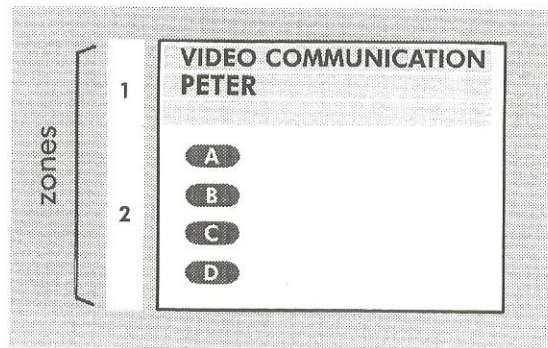

See the example on the following page.

Remark :

Pay attention to the screen displays — they will help you to use and program your station.

EXAMPLE :

You have just received a VIDEO call.

The actual screen display will be similar to the following :

In this guide, the above screen would be represented by :

Installation

To install your station, follow the steps below, referring to the figure on the following page. Steps **A** to **F** must be carried out in order.

(A) Connect one end of the telephone cord to the handset and insert the other end into the socket on the left side of the station.

(B) 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.

(C) Connect the telephone cable to the back of the station.

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

(E) Insert the telephone plug into the wall socket.

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

Remark :

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

Once installed, your station undergoes an initialization procedure which involves loading all the data contained on the 'program board' into its memory. The signalling light 'ON' flashes while this is taking place.

When the 'ON' light becomes steady, your videophone is ready for use and you can program your station.
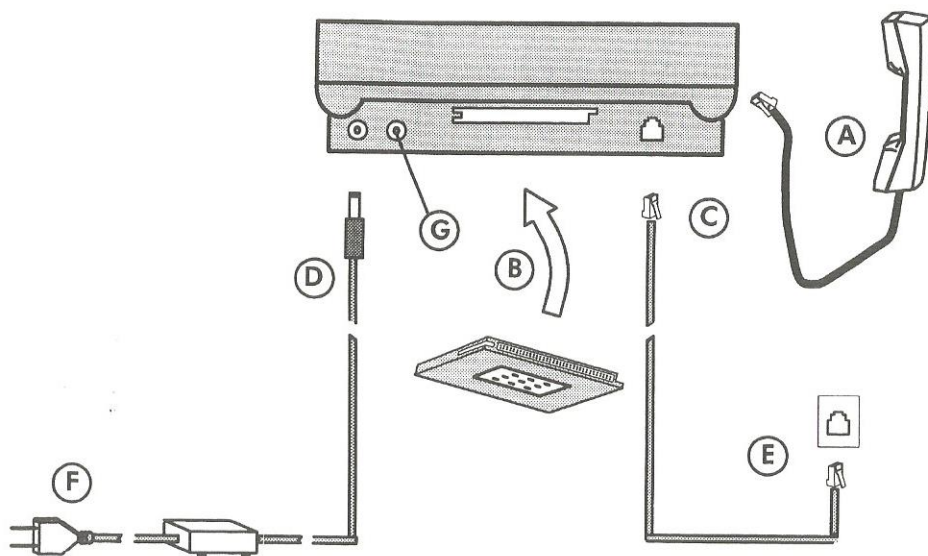
Remarks :

In the event of a power failure, the control LED 'ON' goes **off**. Until the power is restored, your videophone can only operate as a standard (audio) station. Power is no longer supplied to the video part of the videophone.

Software data is stored in the **program board**. This board allows you to benefit from updates and modifications made to the standards and services offered by France Télécom.

Lighting recommendations

To ensure the best possible image :

- avoid positioning yourself with your back against the light,
- use daylight or 'artificial daylight' lighting.

Using your station

2838

Display status

Your videophone's on-screen display is automatically activated :

- when you lift the handset,

- when you press any key ,

- when a correspondent calls you.

When your videophone is inactive for more than 30 seconds, the display is switched off.

The main menu

When your station is idle, it displays a main menu which is divided up into 4 pages. For ease of use, the most frequently used features are grouped together on the first page.

Use the **Menu** key to scroll through the pages of the menu.

The table below shows the icons and features associated to each page.

PAGE	ICONS	FEATURES
1. Welcome screen	In service Locked	A call a no. in the repertory B call temporary no. C call back a correspondent D filtering
2.		A update your notebook B call management C metering display
3. Customization		A station number B prefixes
4. Customization (cont.)		A date and time B ringing melody C protection

2838

Making a call

STRAIGHTFORWARD CALLS

SPEED CALLS

CALLING A SECOND CORRESPONDENT

CALL MANAGEMENT

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 dialing tone and a new menu appears.

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

```
    VIDEO
2   SECRET
    CHARGE
```

- make a video call (the option VIDEO changes colour),

- make a call with identity secrecy (withhold your telephone number),

- find out the cost of the call (displayed on the screen).

```
1   DIAL PLEASE
    ■
```

Then dial your correspondent's number.

As soon as the number is dialed, a temporary message is displayed indicating that the call is being made.

Remarks :

- If your correspondent's telephone number includes a sub−address, first dial the full number on the dialing keypad, separating the number and the sub−address with the (✱) key, then seize a line (i.e. select (D) SEND). You cannot insert a sub−address after you have seized a line.

- By default, all communications are initially made in **'audio'** mode. To change to video mode, press the (A) VIDEO key before making the call.

- As soon as you press one of the keys **A** **B** **C** , the corresponding option (VIDEO, SECRET, CHARGE) disappears from the display to confirm your choice.   You cannot change this choice before releasing the communication (replacing the handset).

More information about the sub–address

Several terminals (fax, printers, stations, etc...) can be connected to the same basic access. The telephone number routes the call to the required basic access. The rôle of the sub–address is to then route the call to the correct terminal.

| 2 | **AUDIO COMMUNICATION**
88677788*23 |

You are in audio or video communcation with your correspondent.

To end your call, press this key or replace the handset.

☞ ⏺ OR 📞
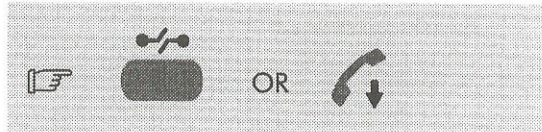
Throughout the call, your station informs you about any errors and validates or invalidates your operations by displaying **messages** on the screen.

Using VIEW :

During a video call, you can display your own picture (the one received by your remote correspondent) instead of the picture of your correspondent.

View

☞ ⬭

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.

If you press it a third time, only the picture of your correspondent is displayed.

At the beginning of a video call, your own picture is displayed for a few seconds. The picture of your correspondent then appears.

2838

Last number redial

You can automatically re—establish the last call which you made with the same options (audio or video mode, identity secrecy and/or meter pulse display).

There are two ways to use last number redial :
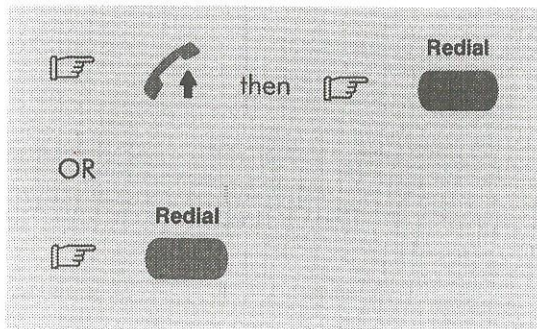
- Lift the handset, then press this key as soon as you hear the dial tone.

  OR

- Press this key without lifting the handset. You will switch into hands—free mode.

In both cases the call is made automatically.

Calling a number in the temporary memory

You can dial a number which you have temporarily stored in the memoory (cf. Storing a number in the temporary memory, page 70).
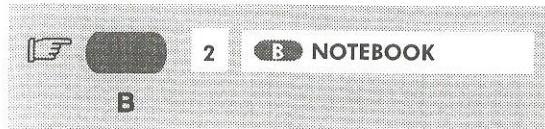
☞ ⬤ 2 [B] **DIAL TEMP No.**
B
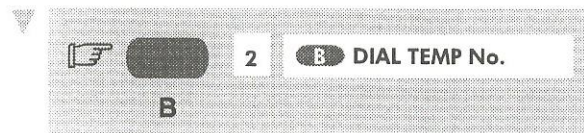
Select this option from the first page of the main menu to make the call.

The call is automatically established in hands—free mode.

2838

Using the notebook

You can dial a number which you have stored in your notebook (see page 57 for information about creating an entry in the notebook).

☞ [ ] 2 [B] NOTEBOOK

B

Press this key in the main menu to open your notebook.

The first ten entries in your notebook are displayed.

1 NOTEBOOK 1/4

⓪ MICHAEL
① PAUL
②
③ GERALD
④
2 ⑤ DANIEL
⑥
⑦ ALEX
⑧
⑨ ANN

Menu

☞ [ ]
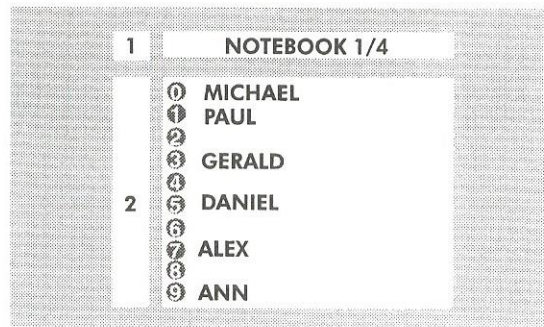
There are four pages in your notebook. If necessary, press this key to scroll through the pages and display the rest of the entries.

Dial the number by pressing the key on the dialing keypad corresponding to the person you wish to call.

The call is automatically established in hands—free mode.

Callers file

The callers file is made up chronologically of the last 10 correspondents who have been unsuccessful in contacting you.

The option ' **C** CALLERS FILE' appears on the first page of the main menu if there is at least one caller in the list.

The option ' **C** CALLERS FILE' is displayed in 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 those with identity secrecy) who have tried to call you since the last time the list was consulted are displayed on a white background.

The correspondent's number is replaced with their notebook name or mnemonic if they have one.

Any correspondents who have tried to contact you while call diversion is active will be recorded in the callers file on the station to which your calls are diverted.

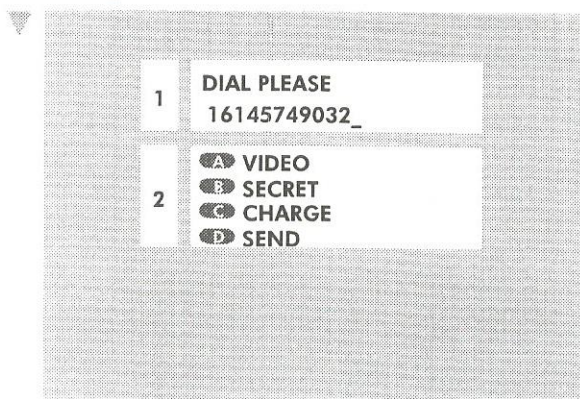For information about consulting or deleting the callers file, see page 33.
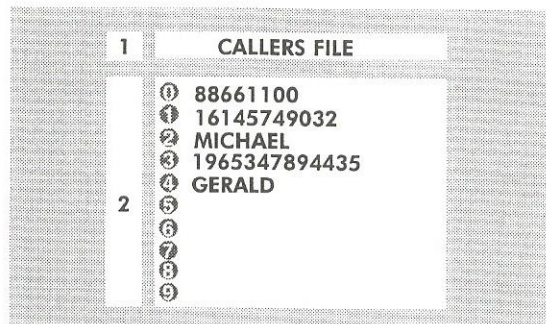
Replying to a correspondent in the callers file
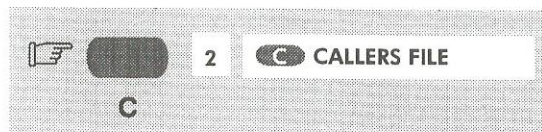
☞		2	**C** CALLERS FILE
	C		

Select option **C** from the first page of the main menu.

2838

The callers file is displayed.

Press the key on the dialing keypad which corresponds to the name or number of your correspondent.

1	CALLERS FILE
2	⓪ 88661100
	① 16145749032
	② MICHAEL
	③ 1965347894435
	④ GERALD
	⑤
	⑥
	⑦
	⑧
	⑨

1	DIAL PLEASE
	16145749032_
2	Ⓐ VIDEO
	Ⓑ SECRET
	Ⓒ CHARGE
	Ⓓ SEND

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).

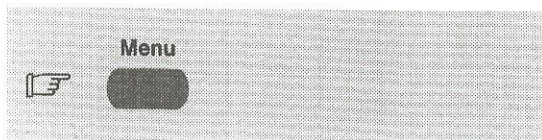Press this key if you wish to modify the caller's number.

☞ **#** Correct

☞ ⬤ | 2 | Ⓓ SEND
D
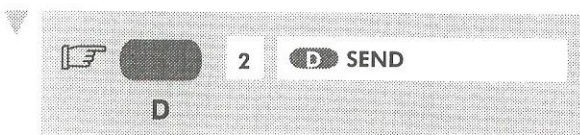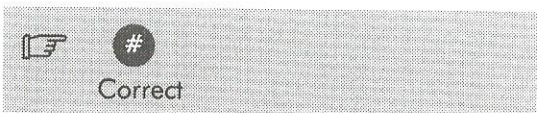
Press this key to make the call.

The call is automatically established in hands—free mode.

Enquiry call

During a call, whether in AUDIO or VIDEO mode, you can call a second correspondent. Your first correspondent will be automatically put on hold.

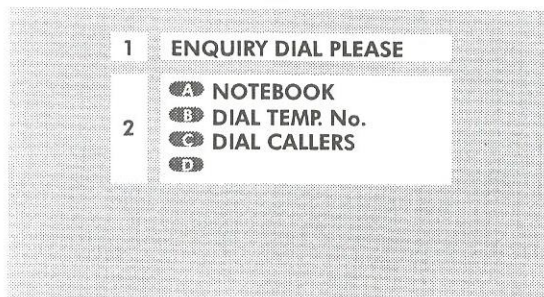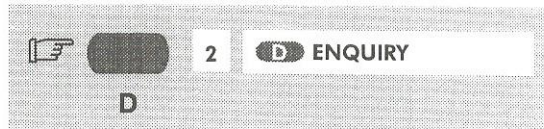You are in conversation with a correspondent.

☞ [Menu]

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

Remark :

You can also press **D** directly, as described below, without first pressing the **Menu** key.
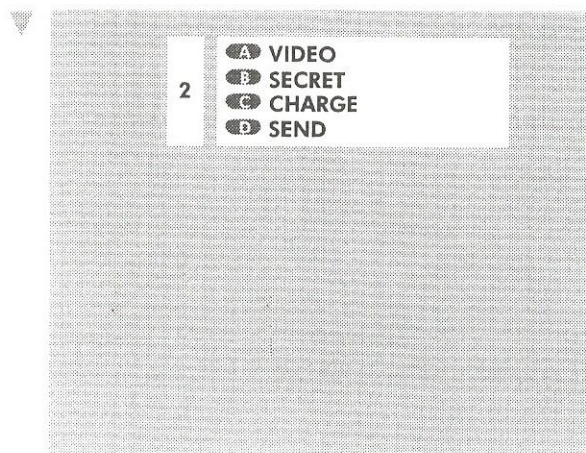
Press this key to make your enquiry call.

☞ [   ] 2 [D] ENQUIRY
D

1	ENQUIRY DIAL PLEASE
2	(A) NOTEBOOK (B) DIAL TEMP. No. (C) DIAL CALLERS (D)

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

• your notebook,

• the number stored in the temporary memory,

• the callers file.

2838

▼ You can also dial the number directly on the keypad.
In this instance, the following menu appears :

▼
```
     Ⓐ VIDEO
  2  Ⓑ SECRET
     Ⓒ CHARGE
     Ⓓ SEND
```

Using the three keys Ⓐ Ⓑ Ⓒ, 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).

▼ Press this key to call your second correspondent.

☞ ⬭ D
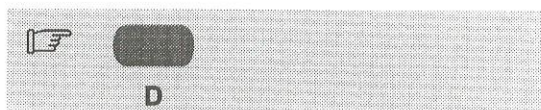
The 'ON HOLD' message displayed on the bottom line reminds you that your first correspondent is on hold.

To **cancel** your enquiry call, see RELEASING AN ENQUIRY CALL on page 29.

You are returned to your first correspondent. If your first call was made in VIDEO mode, this is automatically restored.

▼ Remark :

If your videophone is connected to an ISDN line in the public network, you must be a subscriber to FranceTélécom's network services to use the enquiry call facility.

Broker's call

Once you have made an enquiry call, the broker's call facility allows you to switch between your two correspondents.

Menu

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

Remark :

You can also press **C** directly, as described below, without having to first press the **Menu** key.
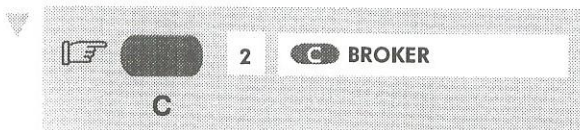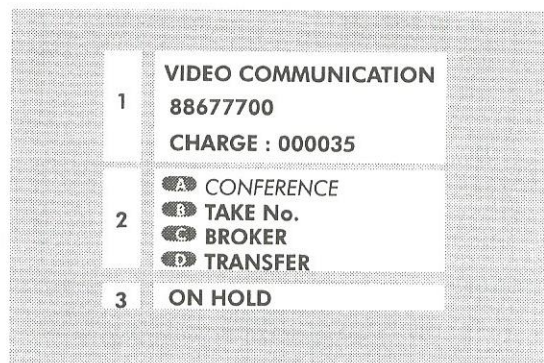
The 'ON HOLD' message on the bottom line of the screen reminds you that there is a call on hold.

NOTE :

The option

A CONFERENCE

is only available if both the outgoing calls were made in AUDIO mode.

1	VIDEO COMMUNICATION 88677700 CHARGE : 000035
2	**A** CONFERENCE **B** TAKE No. **C** BROKER **D** TRANSFER
3	ON HOLD

2 **C** BROKER

C

Press this key to switch from the conversation in progress to the correspondent on hold.

To cancel the broker's call facility and release the call in progress, see RELEASING AN ENQUIRY CALL on page 29.

Remark :

If your videophone is connected to an ISDN line in the public network, you must be a subscriber to France Télécom's network services to use the broker's call facility.

2838

Conference

Once you have made an enquiry call, this facility allows you to establish a three—way conversation with your two correspondents.

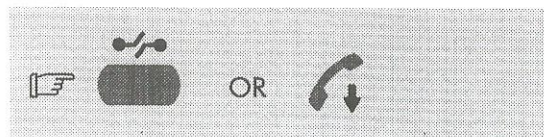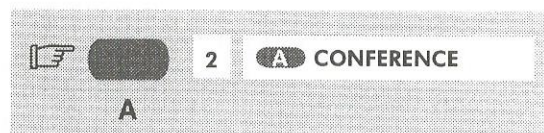|	
1	AUDIO COMMUNICATION 88677700
2	**Ⓐ CONFERENCE** **Ⓑ TAKE No.** **Ⓒ BROKER** **Ⓓ TRANSFER**
3	ON HOLD
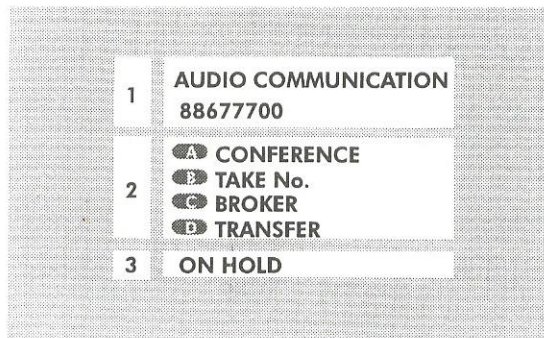
The 'ON HOLD' message on the bottom line of the screen reminds you that there is a correspondent on hold.

IMPORTANT :
The three—way conference facility is only available in AUDIO mode.

Press this key to establish the conference.

☞ ⬭ A   2   Ⓐ CONFERENCE

☞ ⬭ OR 📞↓

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

Call transfer

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

1	AUDIO COMMUNICATION 88677700
2	Ⓐ CONFERENCE Ⓑ TAKE No. Ⓒ BROKER Ⓓ TRANSFER
3	ON HOLD
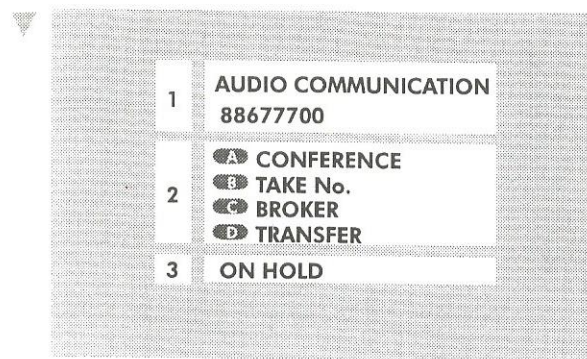
You are in conversation with a second correspondent (to whom you have made an enquiry call) and your first correspondent is on hold.

The 'ON HOLD' message on the bottom line of the display reminds you of this.

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

☞ ▭ D   2 Ⓓ TRANSFER

If the transfer is unsuccessful, a message appears on the bottom line of the screen.

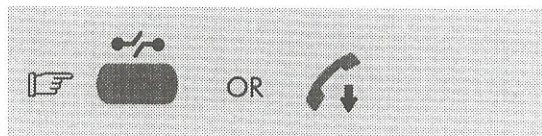2838

Releasing an enquiry call

Once you have made an enquiry call, you can end the call in progress and return to the correspondent on hold.
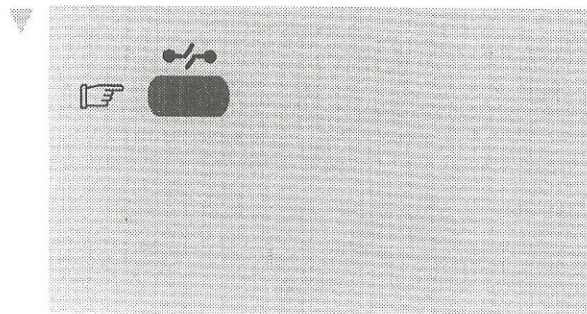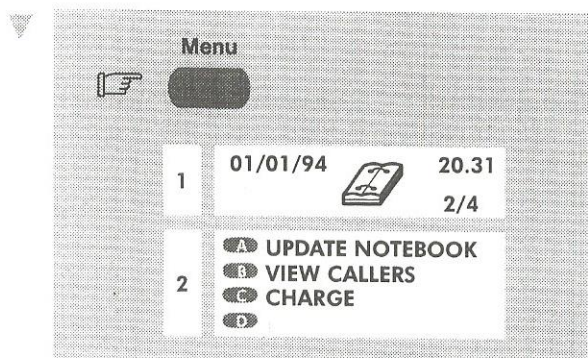
Press this key or replace the handset. This action :

- releases your second correspondent (with whom you are speaking),

- returns you to your first correspondent.

To end your call, press this key, or replace the handset.
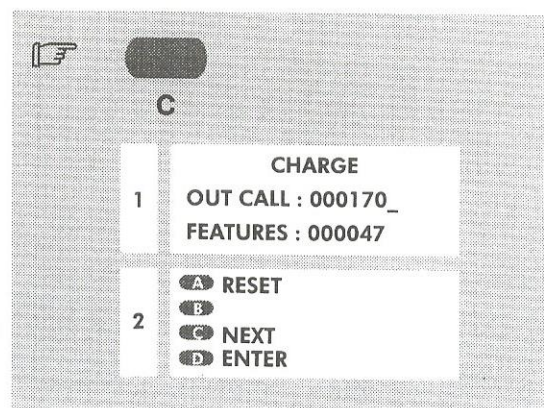
Metering display

Your station is displaying the first page of the main menu. Press this key once to turn to page two.

Press this key to display the number of meter pulses.

Using the three keys **A** **C** **D** you can :

- reset the pulse meter at the cursor position to zero,

- move to the next field,

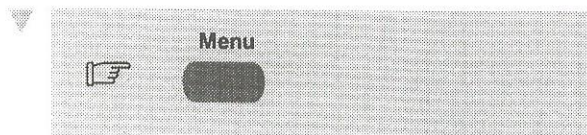- validate your operation and return to the main menu.

CHARGES :

OUT CALL :
Total metering for all outgoing calls since the last reset.

SERVICE :
Charges attributed uniquely to the use of FRANCE TELECOM network services.
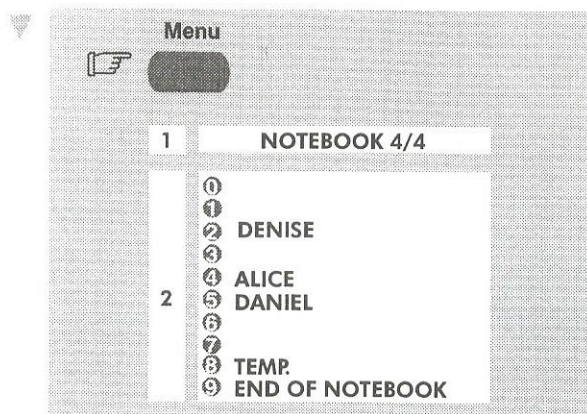
2838

Displaying a number stored in the temporary memory

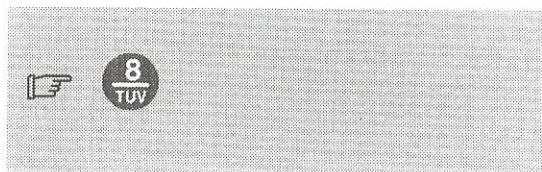You can find out the name and number which you have temporarily stored in the memory.

Menu

Your station is displaying the first page of the main menu. Press this key once to turn to page two.

Press this key.

2   **A UPDATE NOTEBOOK**

A

Menu

Press this key three times to turn to the fourth page of your notebook.

1   NOTEBOOK 4/4

0
1
2 DENISE
3
4 ALICE
2 5 DANIEL
6
7
8 TEMP.
9 END OF NOTEBOOK

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

8
TUV

NAME : TEMP

1   No : 88677893

SUB–ADDRESS : 45
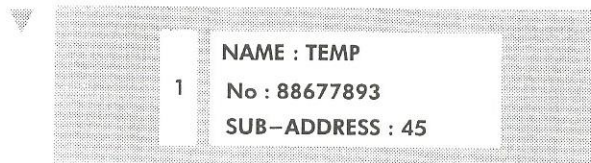
Pressing **A** displays the characteristics of the call.

Press this key to leave the menu. The last page of the notebook is displayed again.

☞   **2**   **D** ENTER

D

Retour

☞
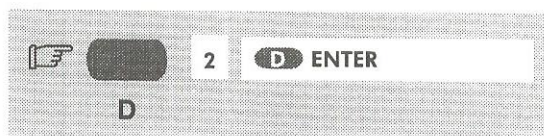
Press this key to go back to the the first page of the main menu.

2838

Consulting the callers file

Menu

☞ ▢

| 1 | 01/01/94 📖 | 20.31 2/4 |

| 2 | Ⓐ **UPDATE NOTEBOOK**
Ⓑ **VIEW CALLERS**
Ⓒ **CHARGE**
Ⓓ | |

Your station is displaying the first page of the main menu. Press this key once to turn to page two.

Press this key to display the callers file.
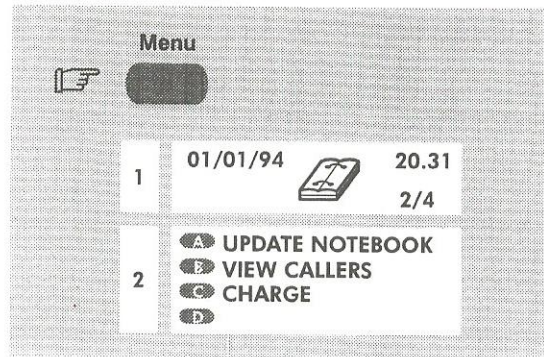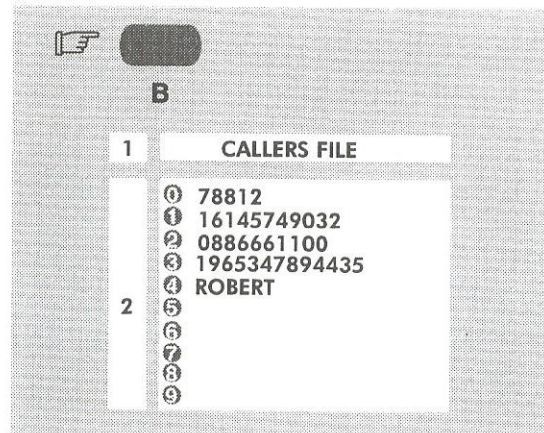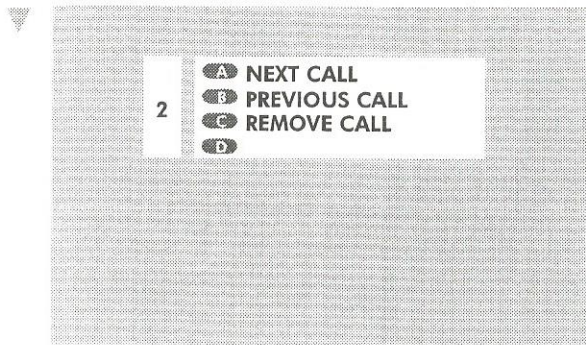
☞ ▢

B

| 1 | CALLERS FILE |

| 2 | ⓪ 78812
① 16145749032
② 0886661100
③ 1965347894435
④ ROBERT
⑤
⑥
⑦
⑧
⑨ |

If you want to **delete** an entry in the list, first press the corresponding key on the dialing keypad.

```
 ┌─────────────────────────────────────┐
 │    Ⓐ NEXT CALL                       │
 │  2 Ⓑ PREVIOUS CALL                   │
 │    Ⓒ REMOVE CALL                     │
 │    Ⓓ                                 │
 └─────────────────────────────────────┘
```

Using the three keys
Ⓐ Ⓑ Ⓒ, you
can :

● go forward an entry,

● go back an entry,

● delete the entry on display from the list. The next entry is displayed automatically

Press this key once to leave the callers file and return to the first page of the main menu.

Escape
☞

2838

Receiving a call

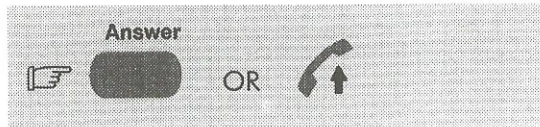## STRAIGHTFORWARD CALLS

CALLING A SECOND CORRESPONDENT

Receiving a VIDEO call

How the arrival of a call is represented on your station's display depends on the state of your videophone.

Any callers which are unable to contact you (for example, if you are absent or your station is busy) are logged in the callers file.

| 1 | **VIDEO CALL** **MARK** |

A call arrives on your videophone.

Press this key to reply to the call in hands—free mode, or lift the handset.

Answer OR 📞

| 2 | Ⓐ **VIDEO** Ⓑ **IDENTIFY** Ⓒ Ⓓ **ENQUIRY** |

The caller is in video mode.

Press this key to establish the video link and see your correspondent.

👉 2 Ⓐ **VIDEO**

A

After pressing this key, the message 'VIDEO' appears on the screen to confirm that you are entering video mode. The transition takes a few seconds.

For information about changing the video picture displayed, see the paragraph 'Using VIEW' on page 18.

Remarks :

- For information about identifying a malicious caller, see 'Identifying a malicious caller' on page 39.

- For information about calling a second correspondent, see 'Enquiry call' on page 24.

Receiving an AUDIO call

How the arrival of a call is represented on your station's display depends on the state of your videophone.

Any callers which are unable to contact you (for example, if you are absent or your station is busy) are logged in the callers file.

1	AUDIO CALL
	MARK

A call arrives on your videophone.

Press this key to reply to the call in hands—free mode, or lift the handset.

Answer

OR
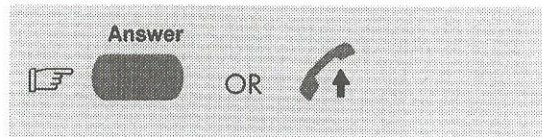
When you receive an AUDIO call on your station, the option ⬤Ⓐ VIDEO is not available in the menu. The choice between an AUDIO or VIDEO call is always made by the caller, before they establish the call.

Remarks :

- For information about identifying a malicious caller, see 'Identifying a malicious caller' on page 39.

- For information about calling a second correspondent, see 'Enquiry call' on page 24.

2838

Identifying a malicious caller

You receive a malicious anonymous call from an external caller. During the conversation, you can have their number recorded by France Télécom. This information will only be made available to a judicial authority.

1	**AUDIO COMMUNICATION** **NO NUMBER AVAILABLE**
4	Ⓐ Ⓑ **IDENTIFY** Ⓒ Ⓓ **ENQUIRY**
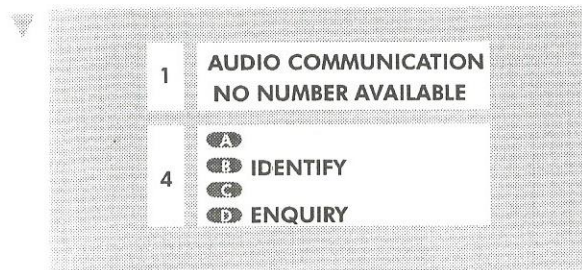
You have an external caller on the line.

Press this key. The caller's location and details of the call (date/time/length) will be recorded by France Télécom.

☞ ▢
B   2   Ⓑ **IDENTIFY**
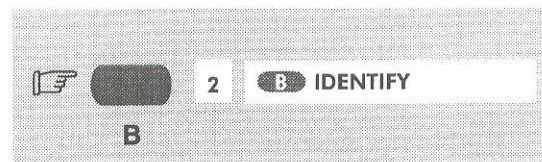
A temporary message is displayed at the bottom of the screen informing you whether your request for caller identification has been accepted or refused.

Receiving a call while in conversation

The arrival of a call while you are already in conversation is indicated by :

- a short beep every 5 seconds.

- the caller's number appearing at the bottom of the screen.

Press this key to put your correspondent on hold and reply to the waiting call.

☞ **Answer**
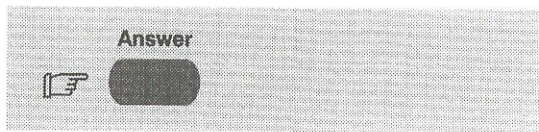
3	ON HOLD

The 'ON HOLD' message displayed at the bottom of the screen reminds you that your first correspondent is on hold.

Remarks

- For information about switching from one correspondent to another, see 'Broker's call' on page 26.

- For information about identifying a caller, see 'Identification of a malicious caller' on page 39.

- For information about transferring a call, see 'Call transfer' on page 28.

2838

When you are absent : diverting your calls

Call diversion

Call diversion allows you to redirect all your incoming calls to another station. If your station is connected directly to an ISDN line in the public network, you must be a subscriber to France Télécom's network services in order to use this facility.

☞ [Divert]   **Activating call diversion**. Press this key.

Enter the number of the station to which you wish your calls to be diverted.

1	**DEFLECTION**
	No : 88677688_

2	Ⓐ
	Ⓑ DELETE
	Ⓒ
	Ⓓ ENTER

☞ [ ] 2 Ⓑ DELETE
B

Press this key if you wish to delete the number displayed.

Press this key to activate call diversion. The LED above the 'Divert' key lights up.

☞ [ ] 2 Ⓑ ACTIVER
D
■
Divert
[ ]

Pressing a key other than Ⓓ cancels the diversion which you have set.

Remarks : When call diversion is active, all calls which are diverted are recorded in the list of callers on the station which they are diverted to (if this feature exists on the station).

☐
Divert
☞ [ ]

Cancelling call diversion. Press this key.

Manager/secretary filtering

Preliminary remark ::

> This feature is only available if your videophone is connected to a private telephone installation (PABX). It is also dependent on the way your PABX works. Check with your system controller whether manager/secretary filtering is offered or will be offered in the future by your PABX.

General

Manager/secretary filtering makes the handling of manager and secretary calls easier.

The arrival of a call is indicated simultaneously on the 'manager' and 'secretary' stations.

Call filtering

On the manager station :

- The FILTERING LED flashes to indicate the arrival of an 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 answered on the secretary station after a few seconds, it is cancelled on this station and presented only on the manager station, in the normal way.

On the secretary station:

- The station rings.

- As soon as the secretary lifts the handset, the call is cancelled on the manager station and the manager cannot take the call.

- To transfer the call to the manager station, the secretary must make an **enquiry call** followed by a **call transfer**.

2838

▽ Remark:

When a filtered call arrives on the secretary station, it cannot be taken in video mode. The call remains in audio mode.
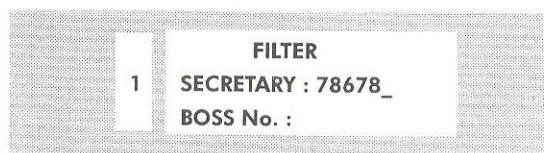
▽ Programming manager/secretary filtering

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

☞ [▬▬] 2 [⬤D] FILTER
D

Your station is displaying the first page of the main menu. Press this key.

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

```
            FILTER
1    SECRETARY : 78678_
     BOSS No. :
```

If only the number of the secretary station is entered, option ⬤D ENTER is proposed. Only when the numbers for both the manager and secretary stations have been entered will this option change to ACTIVATION.

☞ [▬▬] 2 [⬤B] ERASE
B
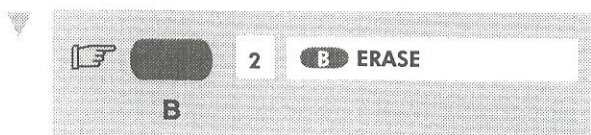
Press this key if you need to correct your entry.

Press this key then enter the number of the manager station (maximum 8 digits).

☞ [▬▬] 2 [⬤C] NEXT
C

```
            FILTER
1    SECRETARY : 78678_
     BOSS No. : 78600
```
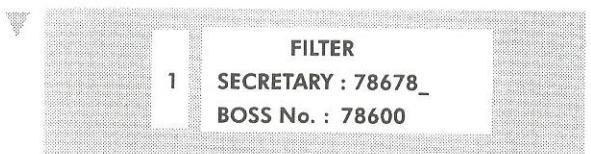
Using the ⬤B and ⬤C keys, you can :

- delete the number at the cursor position,

- return to the previous line. ———

Press this key to validate your setting and activate call filtering.

The FILTERING LED lights up.

☞ 　　　 2 | 🅳 ACTIVATION

D

Fitrage
■

Activating call filtering

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

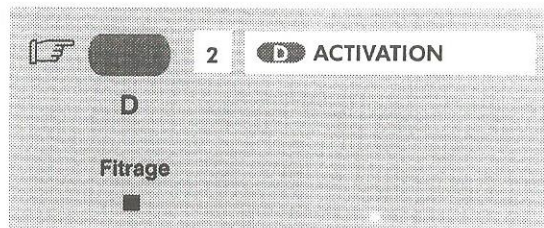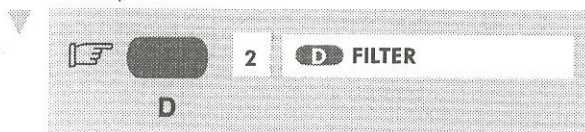☞ 　　　 2 | 🅳 FILTER

D

Your station is displaying the first page of the main menu. Press this key.

2 | 🅐
🅑 ERASE
🅒 NEXT
🅳 ACTIVATION

☞ 　　　 2 | 🅳 ACTIVATION

D

Filtering
■

Press this key to activate call filtering. The FILTERING LED lights up.

Cancelling call filtering

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

☞ 　　　 2 | 🅳 FILTER

D

Filtering
□

2838
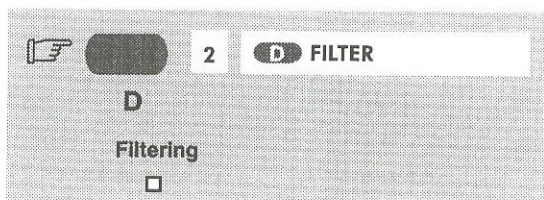
User comfort

Hands–free mode

Hands–free mode allows you to communicate without lifting the handset.

◀ /Mains libres

☞

☞

◀ −   ◀ +
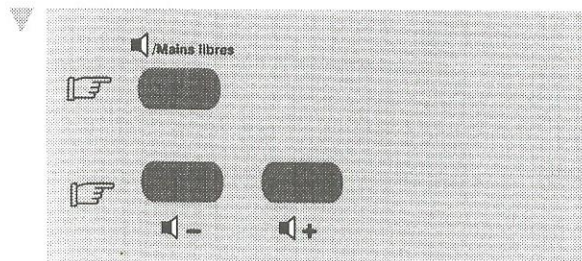
Press this key to activate your station's microphone and loudspeaker.

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

You hear the dialing tone.

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).

1 DIAL PLEASE
   ■

2 A VIDEO
   B SECRET
   C CHARGE
   D

Dial your correspondent's number.

2838
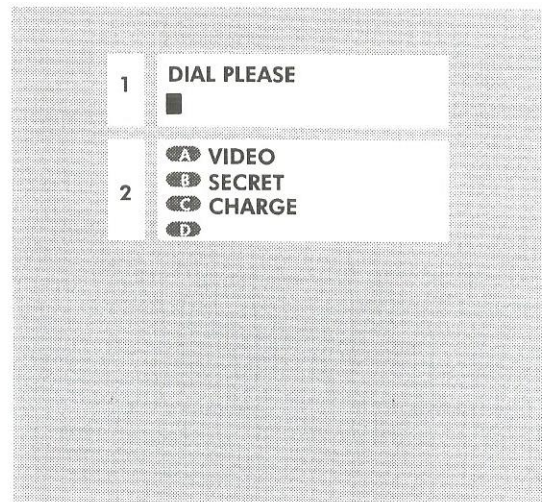
You can also pass automatically into hands—free mode :

Dial your correspondent's number without lifting the handset.

Press this key to make the call.

Switching to hands—free mode during an AUDIO or VIDEO call :

Press this key and hold it down while you replace the handset. Release the key.
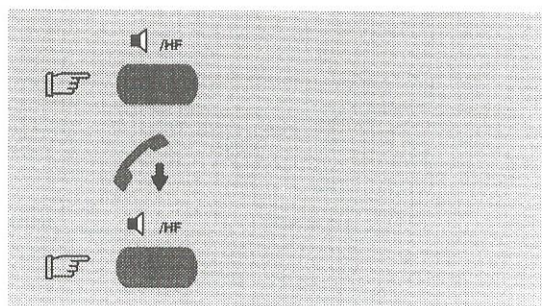
To return to handset mode, lift the handset.

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

2838
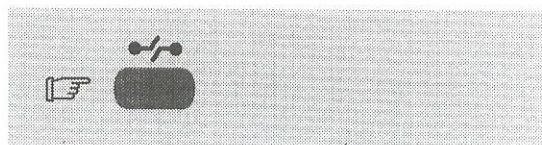
The loudspeaker

During an AUDIO or VIDEO call, when the handset is off—hook, you can activate the loudspeaker to amplify the reception.

Press this key.

If necessary, use these keys to adjust the volume level.
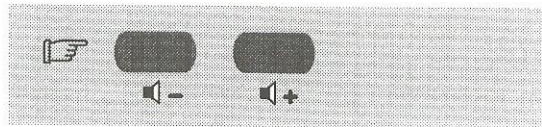
To cancel amplified reception, press this key again.

Mute

During an AUDIO or VIDEO call, you can inhibit your station's microphone and camera so that your correspondent can no longer see or hear you.
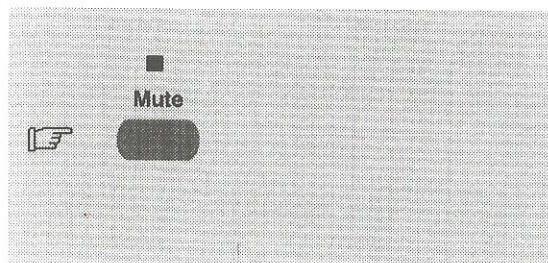
Press this key. The associated LED lights up and remains steady to remind you that your correspondent can neither see nor hear you.

While mute is active, a sand timer icon ⧗ is displayed on your correspondent's videophone.

To cancel MUTE, press this key again. The corresponding LED goes out.
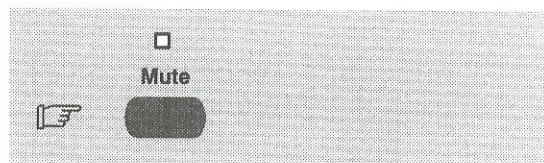
Remark :

During a video call, the camera shutter must be fully open. You can close it in front of the camera to get a temporary video mute.

2838

Locking and unlocking your station

You can lock your station to protect confidential data (customization settings) when you are absent.

Locking the station

Your station is unlocked and the displaying the first page of the main menu.
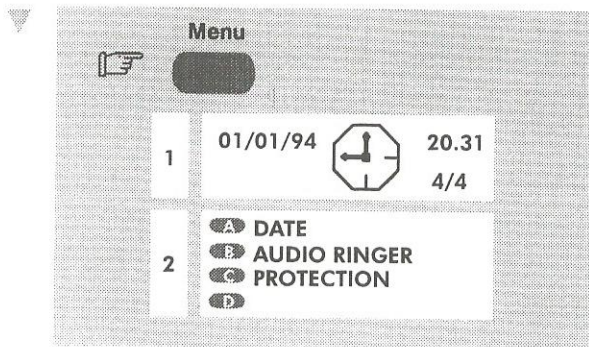
Press this key three times to turn to page 4 of the main menu.

```
Menu

1    01/01/94  (clock)  20.31
                         4/4

2    (A) DATE
     (B) AUDIO RINGER
     (C) PROTECTION
     (D)
```

Press this key.


```
(C)          2   (C) PROTECTION
     C
```
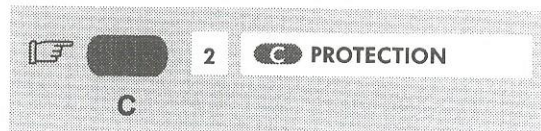
Using the dialing keypad, enter the current 4—digit password (initially set to 0000) to open the protection menu (to modify the current password, see 'Setting the password' on page 68).


```
1         PROTECTION

     (A) NEW
2    (B)
     (C)
     (D) LOCK
```

2838

53
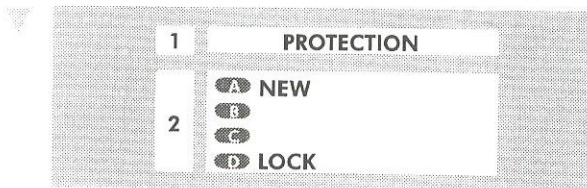
Press this key to protect
your videophone.

☞ ⬤ 2 Ⓓ LOCK

D

1	01/01/94 🔒 20.31
2	Ⓐ Ⓑ Ⓒ PROTECTION Ⓓ
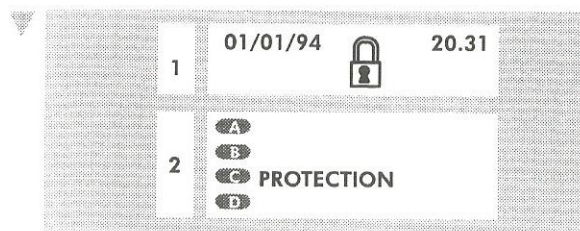
Your operation is com-
plete and a new icon
appears (a locked pad-
lock instead of a tele-
phone).

Your videophone is now locked. It can only be used to receive calls and to make
calls directly using the dialing keypad.

Unlocking the station

Your station is locked.
Press this key.

☞ ⬤ 2 Ⓒ PROTECTION

C
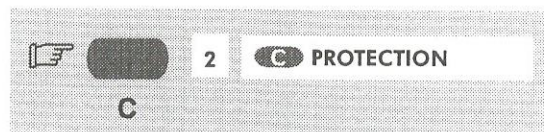
Using the dialing keypad, enter the current 4−digit password to unlock the sta-
tion.

1	01/01/94 📞 20.31 1/4
2	Ⓐ DIAL Ⓑ DIAL TEMP. No. Ⓒ DIAL CALLERS Ⓓ FILTER
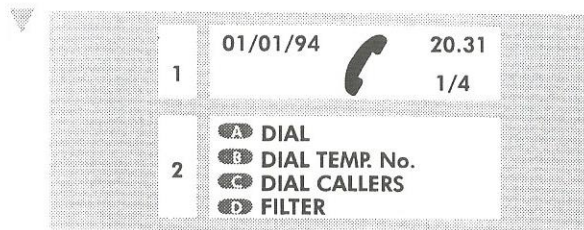
If the password is correct,
your videophone is
unlocked automatically
and you are free to use it
as normal.

Your operation is complete and the handset icon reappears.

2838

Customizing your station

The notebook

You can store the numbers of up to 38 correspondents (identified by a name or mnemonic) in your notebook. The notebook is spread across four pages (screens).

In the event of power failure, the contents of your notebook are safeguarded by the battery supply.

Entries in your notebook are subject to the following restrictions :

- **NAME** : **8 characters**
- **N°** : **18 digits**
- **SUB–ADDRESS** : **4 digits**
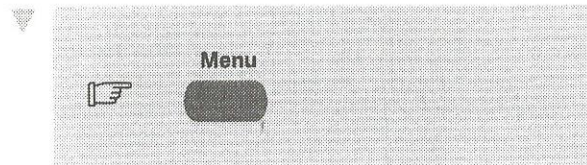
Your station is displaying the first page of the main menu. Press this key once to turn to page two.

Press this key to open your notebook.

UPDATE NOTEBOOK
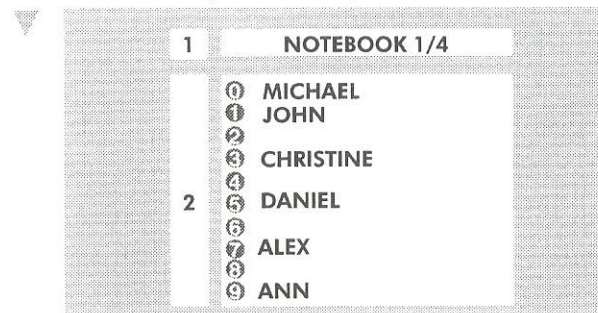
The first page of your notebook is displayed.

NOTEBOOK 1/4

- ⓪ **MICHAEL**
- ① **JOHN**
- ②
- ③ **CHRISTINE**
- ④
- ⑤ **DANIEL**
- ⑥
- ⑦ **ALEX**
- ⑧
- ⑨ **ANN**

While this page is displayed, you can :

- return to the main menu by pressing this key,

Escape

☞

Menu

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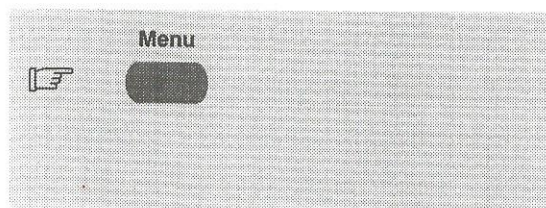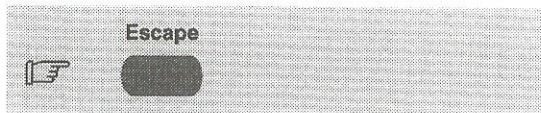
- scroll through successive pages of the notebook and display the list of your correspondents by pressing this key,

- select one of the notebook entries (press a number from 0 to 9 on the dialing keypad) in order to add to, modify, read or delete the name of the correspondent and their associated call characteristics.

Adding an entry to a page of the notebook

Select an entry on a page of the notebook using the dialing keypad.

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

- go on to the next page,

- delete the field at the cursor position,

- move to the next field,

- validate the entry and its call characteristics.

1	NAME : _ No : SUB−ADDRESS
2	**A** NEXT PAGE **B** ERASE **C** NEXT **D** ENTER

2838
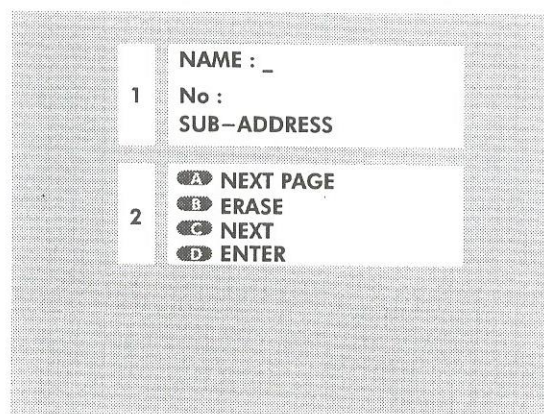
Using the dialing keypad, enter the name or mnemonic of your correspondent. All the characters marked on a key can be typed by pressing this key. To type a character, press the corresponding key until it appears on the screen.

Remarks : Press :

- (**1**) to create a space or digit '1'.

- (**6 MN**) to enter a hyphen '−' (or the characters M, N).

- (*****) — to repeat the previous letter.

  — to move from one letter to another on the same key.

  > For example, to type **A** followed by **C** :
  > Press **2**. The letter **A** appears.
  > Press **✱** to repeat the character.
  > Press **2** twice to change to the letter **C**.

- (**#**) to delete a character.

1	NAME : PRIOR
	No :
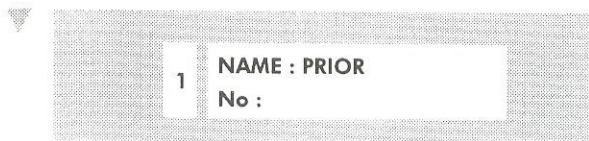
Enter your correspondent's number on the dialing keypad.

Modifying the characteristics of a call

Press this key to move to the next page of the notebook

☞ (**A**)   2   (**A**) NEXT PAGE

1	MODE : AUDIO_ SECRET : NON CHARGE : NON
2	**(A) NEXT PAGE** **(B) ERASE** **(C) NEXT** **(D) ENTER**
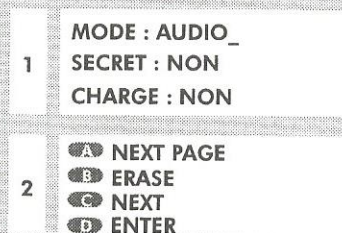
Using the four keys **(A)(B)(C)(D)**, you can :

- go back a page,
- delete the field at the cursor position,
- move to the next field,
- validate your entry.

Remarks :

To modify the field at the cursor position, press **(B)** . One of two possible settings for each characteristic is displayed.

- **MODE**
  - − VIDEO : the call will automatically be made in video mode.
  - − AUDIO : the call will automatically be made in audio mode.

- **SECRET**
  - − NO : your number will automatically be sent with your call.
  - − YES : your number will be withheld (identity secrecy).

- **CHARGE**
  - − YES : the meter counter will be displayed during the call.
  - − NO : no metering display.

☞ **(D)**
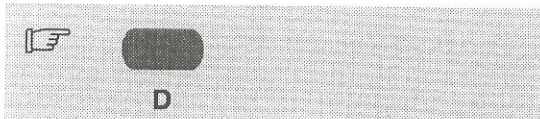
Press this key to validate your entry.

Press this key to return to the first page of the main menu.

☞ **Escape**

2838

Storing your station number

For some PABXs, you need to specify your station number ('terminal address').
You can store this number on your station.
Contact your system controller for more information.
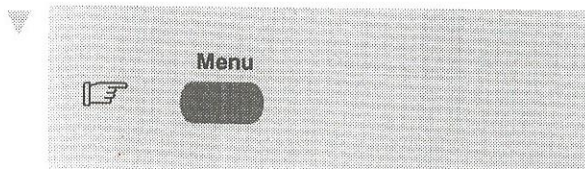
Menu

Your station is displaying the first page of the main menu. Press this key twice to turn to page three.

Press this key.

A

1	TERMINAL ADDRESS No ■
2	A B DELETE C D ENTER
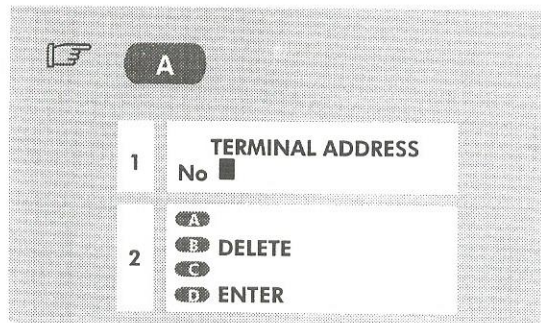
Enter your station's telephone number on the dialing keypad.

You cannot enter a sub-address in this field.

B   2 B DELETE

Use this key to delete an entry.

Use this key to correct
your entry.

☞ #

| 1 | **TERMINAL ADDRESS**
No : 88677776_ |
| 2 | (A)
(B) DELETE
(C)
(D) ENTER |

Press this key to validate
your entry.

☞ ▢ | 2 | (D) ENTER

D
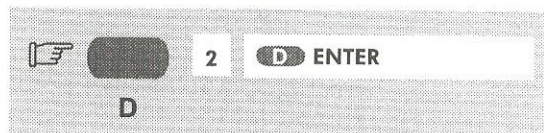
Your station number is stored and you are returned to the first page of the main
menu.

2838

Setting the date and time

The date and time are displayed on the first page of the main menu. If they are wrong, you can change 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 selecting **D** **ENTER**.
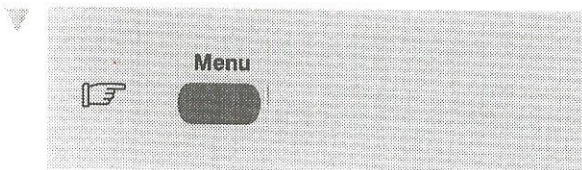
☞ Menu

Your station is displaying the first page of the main menu. Press this key three times to turn to page four.

Press this key.

☞ ___ 2 **A** DATE

A

1	**DATE** 01/01/94 20.31 YEAR : 94
2	**A** YEAR− **B** YEAR+ **C** MONTH **D** ENTER
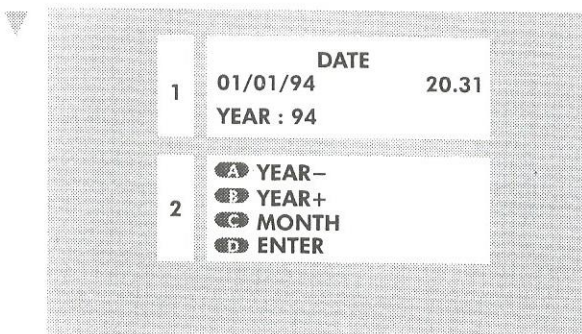
Using the four **A** **B** **C** **D** keys, you can :

- change the year,
- move on to the next page to change the month,
- validate your setting.

Press this key to change the month.

☞ ___ 2 **C** MONTH

C

2838   63
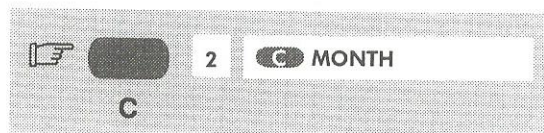
```
           DATE
    1  01/01/94          20.31
       MONTH : 01

       (A) MONTH−
    2  (B) MONTH+
       (C) DAY
       (D) ENTER
```

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

- set the month,
- move on to the next page to change the day,
- validate your setting.

Press this key to set the day.

☞ ▬▬ 2 (C) DAY

C

```
           DATE
    1  01/01/94          20.31
       DAY : 01

       (A) DAY−
    2  (B) DAY+
       (C) HOUR
       (D) ENTER
```

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

- set the day,
- move on to the next page to change the hour,
- validate your setting.

Press this key to set the hour.

☞ ▬▬ 2 (C) HOUR

C

```
           DATE
    1  01/01/94          20.31
       HOUR : 20

       (A) HOUR−
    2  (B) HOUR+
       (C) MINUTES
       (D) ENTER
```

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

- set the hour,
- move on to the next page to change the minutes,
- validate your setting.

2838

Press this key to set the minutes.

| | 2 | **⊙ MINUTES** |

C

| 1 | **DATE**
01/01/94   20.31
HOUR : 20 |
| 2 | Ⓐ MINUTES−
Ⓑ MINUTES+
Ⓒ YEAR
Ⓓ ENTER |
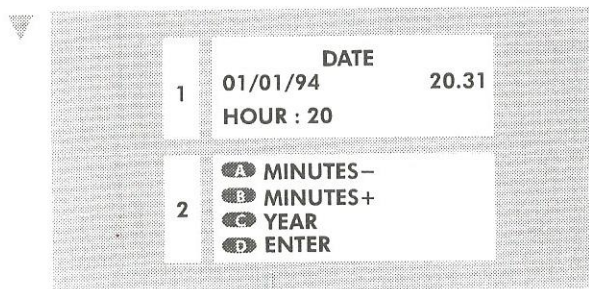
Using the four

Ⓐ Ⓑ Ⓒ Ⓓ

keys, you can :

- set the minutes,
- go back to change the year,
- validate your setting.

IMPORTANT

- Any modifications you make to the chosen parameter are displayed on the third line of the screen. The old date and time are displayed on the second line of the screen. At any time, you can validate your setting using ENTER and return to the first page of the main menu.

- The date and time on the second line are updated according to the latest modification as soon as you move to the next screen. Any modifications you make are not taken into account on the station until you validate them using ENTER.

Press this key to validate your setting. The date and time are updated and the first page of the main menu is displayed.

| | 2 | **Ⓓ ENTER** |

D
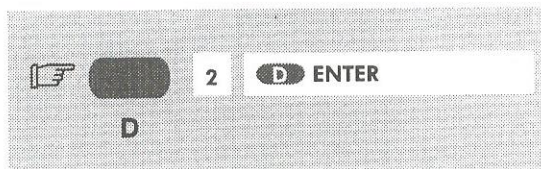
Changing the ringing melody

You can choose between five ringing melodies and volume levels.
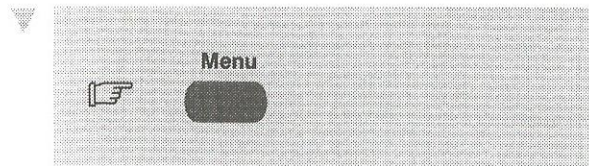
Menu

Your station is displaying the first page of the main menu. Press this key three times to turn to page four.

Press this key. Your station starts ringing.

2 | **B** AUDIO RINGER

B

	SOUND
1	VOLUME : 2
	MELODY : 4
2	**A** VOLUME−
	B VOLUME+
	C MELODY
	D ENTER
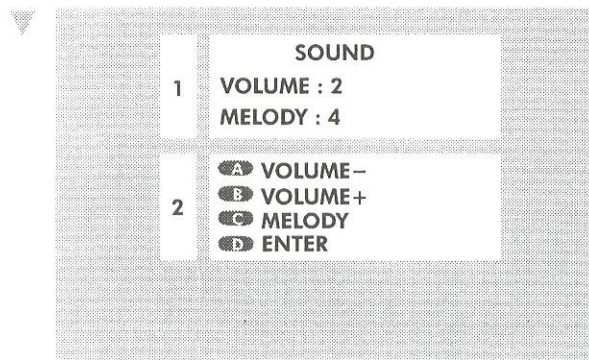
Using the four keys **A** **B** **C** **D** you can :

- adjust the volume level,

- change to the next page to change the melody,

- validate your setting.

Press this key if you want to change the ringing melody.

2 | **C** MELODY

C

2838

```
            SOUND
1    VOLUME : 2
     MELODY : 4
```

```
     Ⓐ VOLUME−
     Ⓑ VOLUME+
2    Ⓒ MELODY
     Ⓓ ENTER
```

Using the four keys
Ⓐ Ⓑ Ⓒ Ⓓ
you can :

- change to a different melody at the selected volume level.

- go back to setting the volume level,

- validate.

Press this key to validate your setting and return to the first page of the main menu.

☞ ▢ 2 Ⓓ ENTER

D

Setting the password

You can set a password to prevent modifications being made to the customization parameters and contents of the repertory/notebook on your station. Once your station is locked, you can only :

- **receive calls,**

- **call a correspondent using the dialing keypad.**

When supplied, your station is pre—programmed with a default password (**0000**). The password must be four digits long.

Remark :

This section only concerns the programming of the password. Refer to the section 'Locking and unlocking your station' on page 53 for information about how to use it to protect your station.

Your station is displaying the first page of the main menu. Press this key three times to turn to page four.

Press this key.

Enter the current password on the dialing keypad.
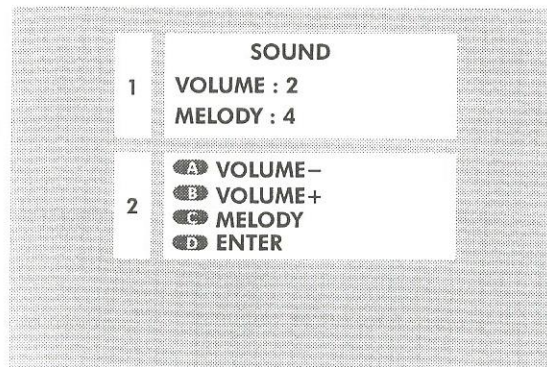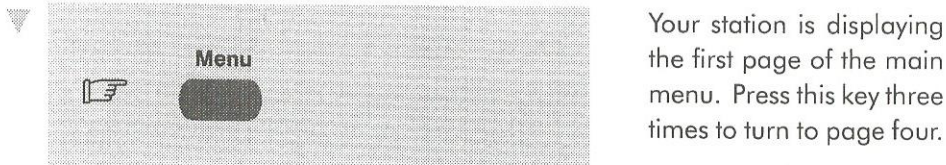
N.B. : When entering the password, each number appears as an X on the display.

2838

1	PROTECTION

2	Ⓐ NEW Ⓑ Ⓒ Ⓓ LOCK

☞ 　　　　 2 　Ⓐ NEW

A
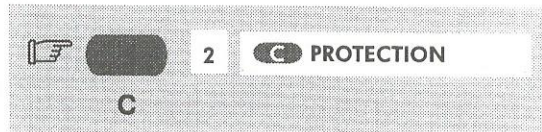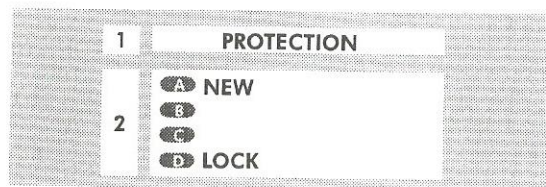
Press this key to modify the password.

Enter the new password twice on the dialing keypad.

1	PROTECTION NEW PASSWORD :

N.B. : When entering the password, each number appears as an X on the display.

1	01/01/94 ☎ 20.31 1/4
3	PASSWORD CHANGED
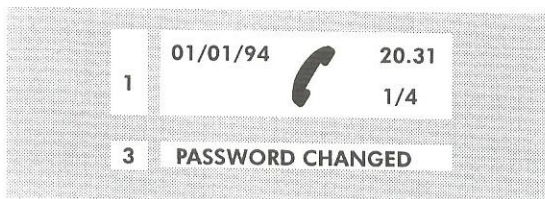
The operation is complete, you are returned to the first page of the main menu and a temporary message at the bottom of the screen acknowledges your modification.

2838

Storing a number in the temporary memory

▽ At any time during a call, you can store the number and type of call (audio or video mode, identity secrecy and/or metering display) to use at another time.

▽ 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 being connected.

▽

☞
Menu

1	**CALL PROCEEDING** **88677677**
2	Ⓐ Ⓑ **TAKE No.** Ⓒ Ⓓ
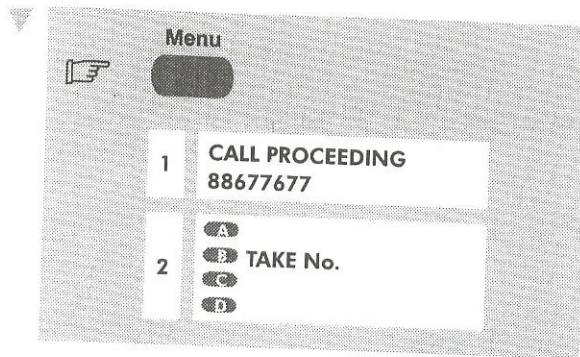
If you are in VIDEO mode, press this key once to open the menu (you can also press B directly, as described below, without having to press Menu).

▽ Press this key to store the number and type of the call you have just established.

☞
B   2   Ⓑ **TAKE No.**
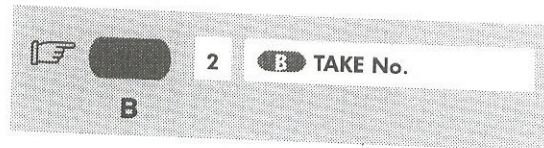
▽ The message TEMP. STORED is temporarily displayed on the screen to show that your operation has been successful.

▽

☞
Escape
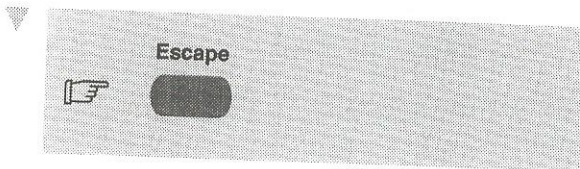
If your call was in VIDEO mode, press this key to return to the video display.

2838

Adjusting the display contrast

Press these keys to adjust the screen brightness to suit your environment.

☞ ☀ +   ☀ -

Station care and safety

CLEANING

Use a slightly moistened cloth to clean your telephone.
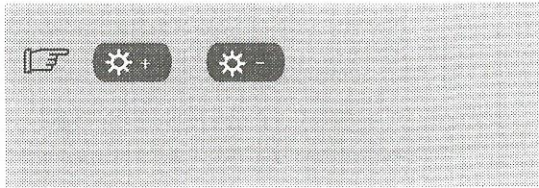
STATION CARE

- Never bring your telephone into 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 safety standards EN 60950 and EN 41003.

For the EN 41003 standard, the trunk line interface and 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 does not have an on/off switch ; for this reason, make sure that the mains socket is close to the station and easily accessible.

GUARANTEE

Dear customer,

Thank you for choosing this ALCATEL product. It comes with the guarantee of high quality and service assured by our name and our suppliers.

This appliance is guaranteed (parts and maintenance) for twelve months from the date of purchase.

This guarantee is valid only for as long as the appliance is used correctly as indicated in this User Guide, and only upon production of a bill or till receipt specifying when and where you purchased this product.

This guarantee does NOT cover :

- faults resulting from misuse or incorrect installation,

- appliances which have been dropped or otherwise suffered a sharp impact,

- faults arising from negligent use,

- appliances which have been damaged by lightning, fire, flood or excessive voltage,

- appliances which have been serviced or tampered with by any unauthorized persons.

The legal guarantee against latent defects with this product is applicable in accordance with Article 1641 and subsequent articles of the Code Civile (France).

If you experience a problem with this appliance, contact your authorized dealer or approved ALCATEL Service Centre. You are strongly advised to ensure that you have thoroughly read and carefully followed the instructions in this User Guide before doing so.

2838

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 supplying power to the video part of the station.

DISPLAY

- 4" backlit LCD color display. Resolution : 383 x 234 pixels, 12 lines and 22 columns in text mode.
- Distant video image decoder (15 images/second).
- Screen brightness control.
- Angular range of screen/camera : 27 degrees.

CAMERA

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

2838

HANDSET

- Electret microphone.
- Anti—larsen device.

PERIPHERY

- Composite PAL standard video outlet with CINCH socket.

NOTEBBOK

- Capacity for up to 38 names and associated characteristics. In the event of a power failure, the contents of the notebook and the station number are safeguarded by the batteries.
- Name : maximum 8 characters
- Number : maximum 18 digits
- Sub—address : maximum 4 digits

ENVIRONMENT

- Between 0°C and 35°C.