CAME ✝ BPT

THE PORTER SWITCHBOARD

FB00861-EN

CE

FC

MITHO/SB

GUIDE FOR INSTALLATION AND USE

EN | English

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WARNINGS

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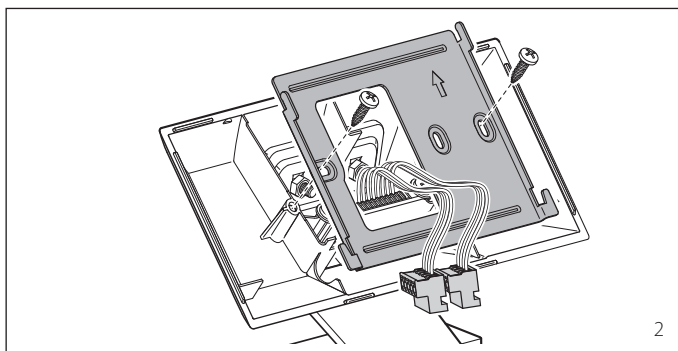
⚠ ATTENTION

- After removing the packaging, check the condition of the unit.
- The packaging items (plastic bags, expanded polystyrene, etc.) must not be handled by children as they may be dangerous.
- Carefully read the instructions before starting installation. Perform work as specified by the manufacturer.
- Before connecting the equipment, make sure that the rating plate data corresponds to that of the distribution network.
- An omnipolar switch, with contacts separated by at least 3mm, must be installed upstream on the equipment, on the electric system of the building.
- The manufacturer declines all liability for any damage as a result of improper, incorrect or unreasonable use.
- Before performing any cleaning or maintenance operation, disconnect the equipment from the power supply network by opening the system switch.
- In case of failure and/or malfunction of the device, detach it from the power supply and do not tamper with it.
- Use original spare parts.
- Installation, programming, commissioning and maintenance of the product must only be performed by qualified technicians who have been properly trained in compliance with current standards including compliance with accident prevention.
- Operate in sufficiently lighted areas that are conducive to health and use tools, utensils and equipment that are in good working order.
- Upon completion of installation, always check for correct operation of the unit and the system as a whole.
- Do not install the device outdoors or in areas where it is exposed to seepage or splashes of water.
- Handle the device with care. It contains electronic parts that are fragile and sensitive to humidity.
- The electronic cards can be seriously damaged by discharges of static electricity. If they are to be handled, wear suitable clothing and anti-static footwear, or at least, ensure static electricity has been discharged by touching with the fingertip a metallic surface connected to the earth system (e.g. the chassis of a household appliance).
- Weld the joints between wires to prevent false alarms caused by oxidation of the wires.
- The electrical system must comply with current standards in the country of installation.
- Failure to comply with the above instructions may compromise the unit's safety.
- The installer must make sure that the information for the user, where applicable, is present on the devices.
- Dispose of the unit in accordance with current standards.
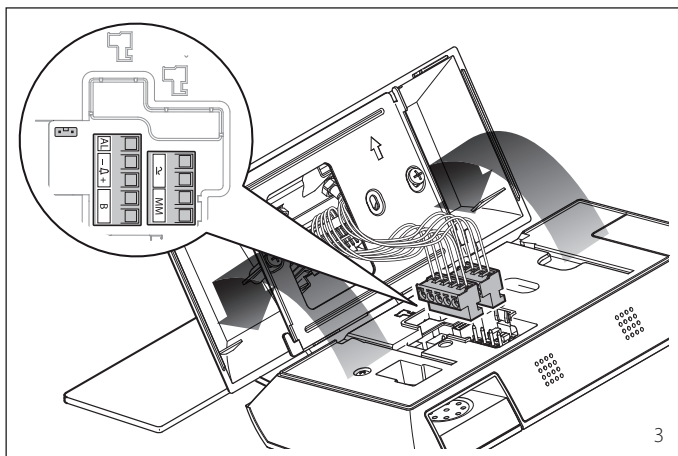
Installation and commissioning

ASSEMBLY
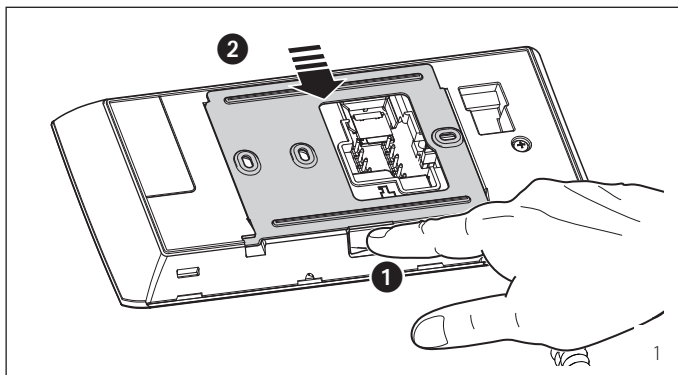
Remove the unit from the metallic support by sliding it after pressing the plastic button.
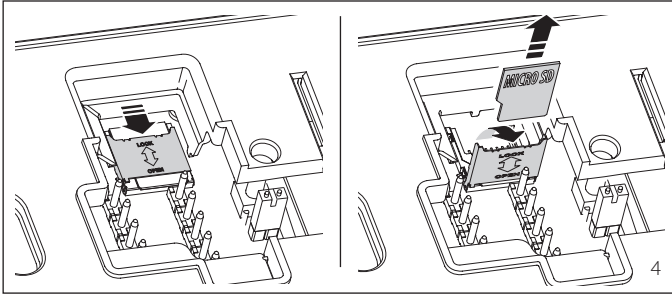

User the provided screws to fasten the metal support to the stand base (fig. 2).

Insert the prewired terminals in the specific housings (fig. 3) and reconnect the terminal to the tabletop support.
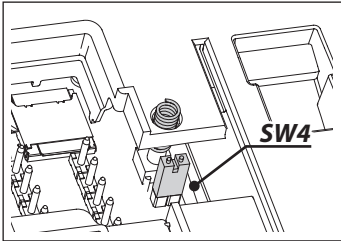
ASSEMBLY

Insertion/removal of the MICRO SD card

Function of the jumper SW4 (Closure resistance))

The appliance is equipped with an SW4 jumper, for end of line closure impedance of the video entry control system.

Remove the jumper if the line continues towards other video entry control receivers.

Technical specifications

- 16:9 wide screen 4.3" 480x272 pixel touch screen display
- Operating temperature: from 5 °C to +40 °C.
- Power supply:
  14÷24 Vdc local (12÷16 Vac local).
- Absorption:
  0.75 A (1.5 A peak) 12 Vac – 0.5 A (1.1 A peak) 16 Vac,
  0.31 A (0.81 A peak) 18 Vdc – 0.23 A (0.58 A peak) 24 Vdc
- Dimensions: 203x108x31 mm.

ASSEMBLY

Wiring of the RJ 45 sockets
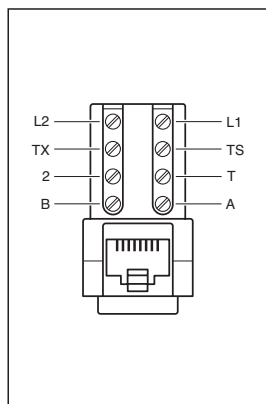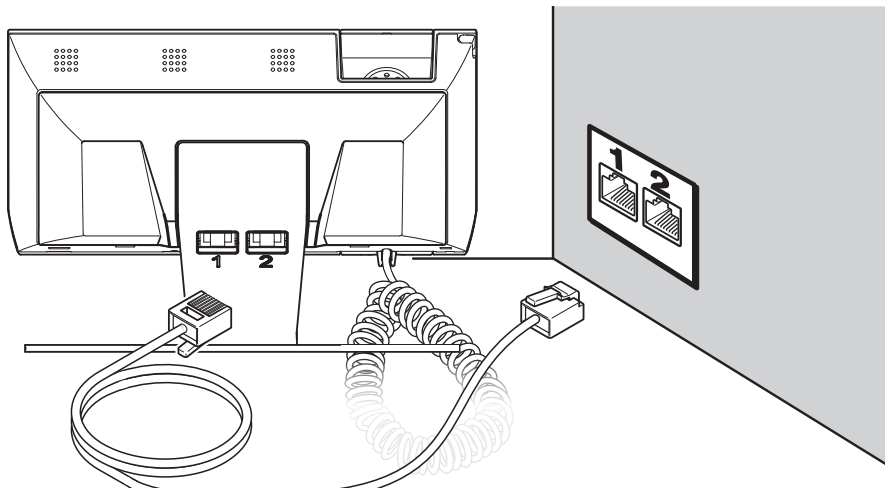
| Socket RJ 45 **1**	
Terminal Pin	**What to connect to the terminals of the socket**
B	Line B
2	
TX	Local power supply
L2	Doorbell
L1	
TS	Local power supply
T	BUS MultiMaster
A	

Socket RJ 45 **2**	
Terminal Pin	**What to connect to the terminals of the socket**
B	Free
2	
TX	Local power supply
L2	Common alarm input
L1	
TS	Local power supply
T	Free
A	Free

⚠ ATTENTION

The power supply must be connected to only one RJ45 socket. However, based on installation needs, connect the TX and TS terminals of socket 1 or socket 2. Do not connect them at the same time to both the sockets.

Commissioning of video terminals

For the commissioning of video terminals check the chapter "**Service setup**".

User's manual

GENERAL INFORMATION

Technical Features
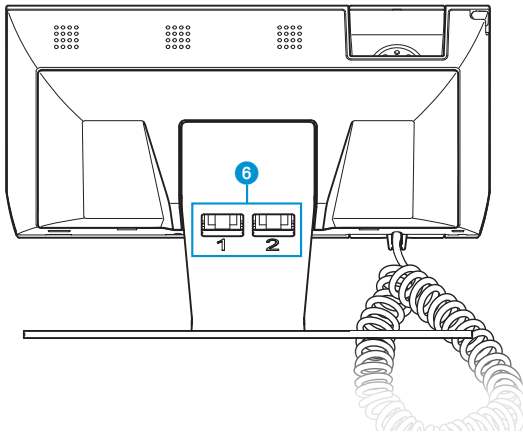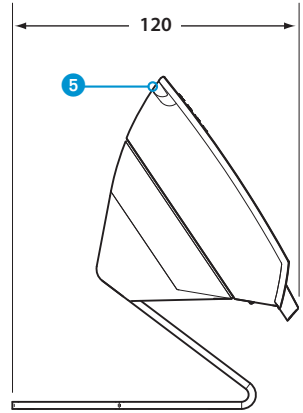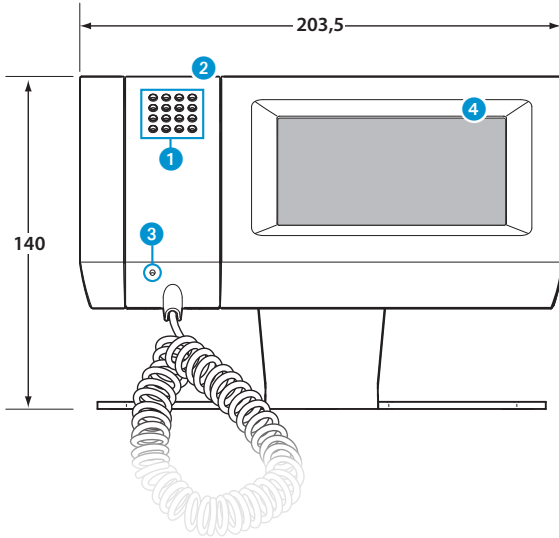
1 – Loudspeaker (hands free)

2 – Receiver

3 – Microphone

4 – 4.3" touch screen 16:9 display

5 – Touchscreen pen housing

6 – RJ45 sockets

Note:

*After 5 minutes of **inactivity** on any screen, the terminal will automatically return to the opening screen and the screen luminosity will be reduced (according to the setup settings).*

GENERAL INFORMATION

Main functions associated with the icons on the opening screen

The opening screen provides fast, intuitive access to the functions managed by the Mitho *SB* terminal. It also provides immediate feedback on events involving the system.

Main menu

Call interception by the porter **NOT ACTIVE**
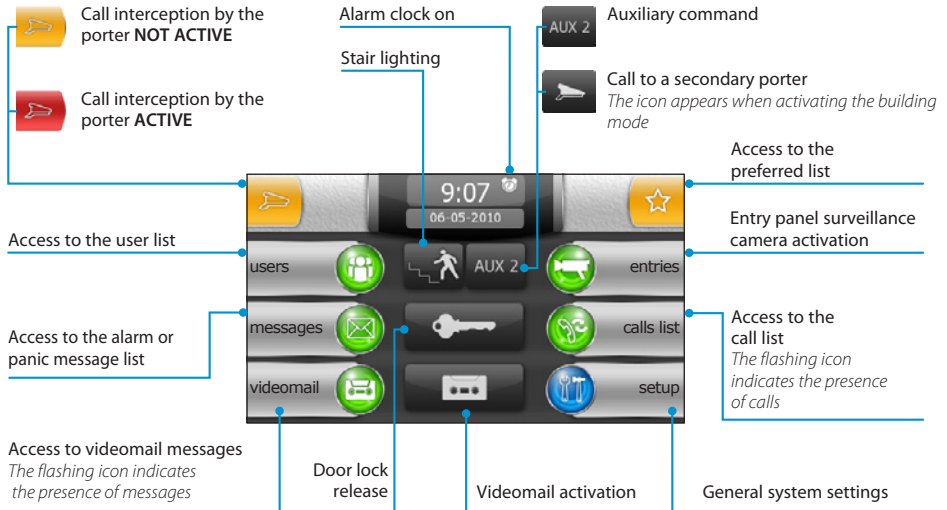
Call interception by the porter **ACTIVE**

Alarm clock on

Stair lighting

Auxiliary command

Call to a secondary porter
The icon appears when activating the building mode

Access to the preferred list

Access to the user list

Entry panel surveillance camera activation

Access to the alarm or panic message list

Access to the call list
The flashing icon indicates the presence of calls

Access to videomail messages
The flashing icon indicates the presence of messages

Door lock release

Videomail activation

General system settings

users | messages | videomail
entries | calls list | setup

Maintenance and Use of the Terminal

⚠

• Only use the pen provided with the terminal; do not use utensils, pens or other sharp instruments that could damage the display and prejudice its operation.

• Do not expose the LCD screen to direct sun light.

• Only use soft, dry or slightly damp cloths to clean the terminal; **do not use any chemical products**.

• To lock the touchscreen for cleaning, press and hold the provided pen in the "time and date" area until the screen goes dark and the orange lock symbol appears. Use the same procedure to unlock the screen.

PORTER VIDEO ENTRY CONTROL FUNCTIONS

1

Standard functions

Consult the user list

Press the button ❶ to access the users list.

2

To find the desired user, scroll the list using the buttons ∧∨ or press the button ❷ to display the screen with a complete list of users divided into alphabetical groups (very useful in systems with a large number of users).

3

Select the group that contains the desired user.

Note:
Press the button ❸ to return to the screen shown in figure 2.

PORTER VIDEO ENTRY CONTROL FUNCTIONS

4

Add the user to the preferred list

Press the button **4** to access the preferred users list.

Note:
The first time it is accessed, the list will be empty.

5

Press the ⌘ button to display the complete user list.

6

Select all users to add to the preferred list.

7

Press the ⌘ button again to display the preferred users list.

Note:
The preferred users list is very useful for systems with a large number of users to simplify the search for the most requested ones.

PORTER VIDEO ENTRY CONTROL FUNCTIONS

8

Forwarding a call

Select the desired user from the main list or from the preferred list to immediately start the call.

9

- - - - > - - - - Call in progress

< - - - - - - - > Communication established

10

Sending a message to a user

A call notification can be sent to a user.

After identifying the desired user in the list, select the icon and then the name of the user.

11

Note:
Not all internal extensions are enabled to receive messages from the porter. The message consists in a led turning on or a brief message with the date and time it was sent depending on the model of the internal extension installed in the user's home.

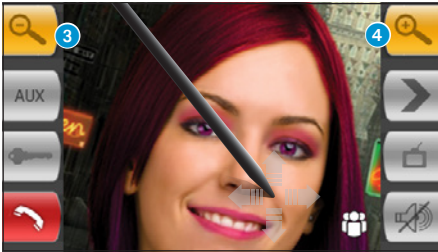# PORTER VIDEO ENTRY CONTROL FUNCTIONS

12

Answering a call

In the event of a call, the main screen is automatically replaced by a screen which shows the image of the caller filmed from the video entry control panel.

Press button **1** to refuse the call.
To answer the call, lift the receiver or press button **2** to activate hands-free mode.

13

When you answer the call, the following controls will be available.

Buttons **3** and **4** let you enlarge/reduce the displayed image.

Use the pen on the enlarged image to move the view to the desired position.

5 Access to auxiliary command and stair lighting
6 Display images from the next entry panel (if present)
7 Entry panel door release displayed*
8 Access to video adjustments
    (luminosity, contrast, colour)
9 Close audio contact to the caller (mute function)
10 Access to the user list for transferring a call
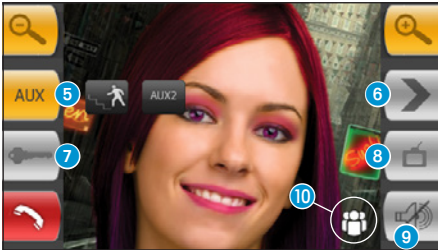
The green key indicates that the door is open, if the entry panel is set up to send this information.

14

PORTER VIDEO ENTRY CONTROL FUNCTIONS

15

Forwarding a call to an extension

After answering a call, press the 👥 button to access the user list; search for the desired user and forward the call.

16

Once communication has been established with the desired user and he has confirmed that he wants to receive the call, press the button **11** to place the entry panel in communication with the user.

Note:
If the mute button is not pressed, the audio communication between the porter station and the entry panel will remain active until the call is transferred to the desired user.

17

Display images from entry panels

Select icon **12**, on the main screen. It will now be immediately possible to view images taken by the entry panel surveillance cameras (if more than one).

13 Access to auxiliary command and stair lighting
14 Display images from the next entry panel (if present)
15 Entry panel door release displayed*
16 Access to video adjustments (luminosity, contrast, colour)
17 Back to the previous screen
18 Open/close entry panel audio displayed

*The green key indicates that the door is open, if the entry panel is set up to send this information.

18

PORTER VIDEO ENTRY CONTROL FUNCTIONS

19

Calls to the porter

The users can request the Porter to contact them by sending a call.

The presence of calls is indicated by a flashing icon **1**; press the icon to access the call list.

20

The calls are collected in buttons that display the name of the user, date and time of the call; by pressing the desired button, the user will be recalled immediately.

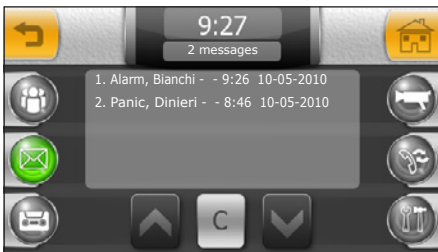To delete a call from the list, press the button **2** and select the call to remove.

21

Alarm or panic messages

Users can send alarm or panic messages to the porter using the specific buttons or contacts.

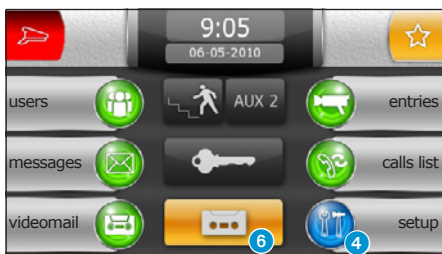The presence of messages is indicated by a flashing icon **3**; press the icon to access the message list.

22

The screen displays the call list in a chronological order; the "**C**" button deletes all items on the list.

Note:
All signals sent to the porter are accompanied by an alarm tone.

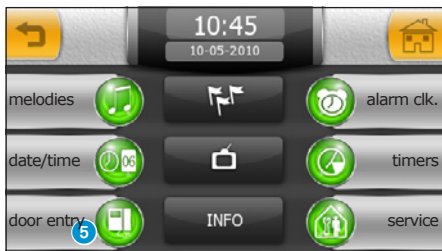# FUNZIONI VIDEOCITOFONICHE DI PORTINERIA

23

24

25

26

Videomail

MithoSB allows you to record a message, that can be played from the entry panel if you are out.

The caller can respond by leaving a video message (indicating the call date and time) on a video answer phone that you can check when you return.
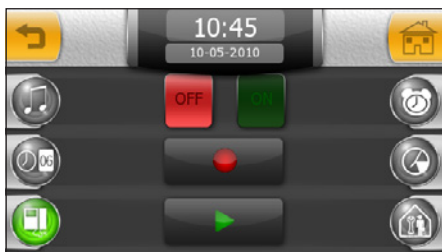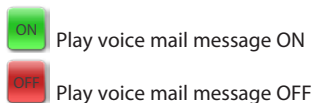
Record an voice mail message

From the main screen select the icon **4** and then the icon **5**.

The screen shown in figure 18 contains the commands needed to record and listen to your voice mail message.

Once you have recorded your message, you will be able to use the "**OFF**" and "**ON**" buttons to decide whether or not it should be played in the event of an unanswered call.

ON Play voice mail message ON
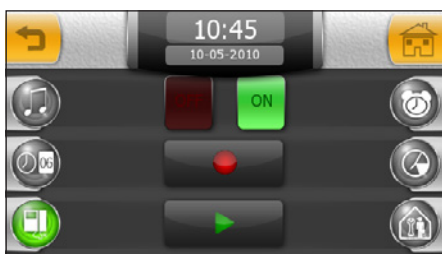
OFF Play voice mail message OFF

Note:
The voice mail message may last up to 10 seconds. After the message has played, the entry panel will emit an acoustic signal.

To activate the videomail control answer phone (with or without the message), press icon **6** on the main screen.
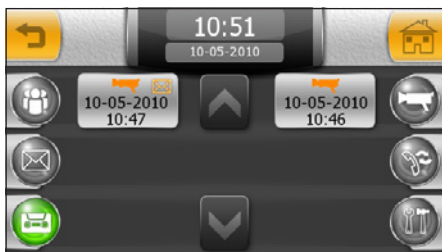
··· Voice mail active

··· Voice mail not active

FUNZIONI VIDEOCITOFONICHE DI PORTINERIA

27

Checking the videomail

The presence of unread video entry control messages is indicated by the flashing icon **7** on the main screen.

28

Select the icon **7** to access the list of recorded messages in chronological order, starting from the most recent one. Unread messages are indicated by the icon ✉ .

To view a video entry phone message, press the desired entry in the call list.

Button **8** cancels the message you are viewing.

29

Note:
The voice mail can hold a maximum of 10 messages. The eleventh message will overwrite the first in chronological order.
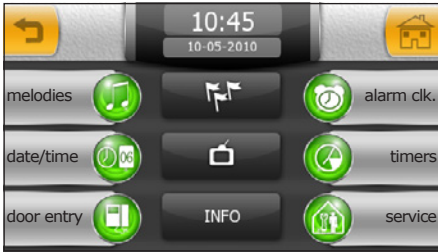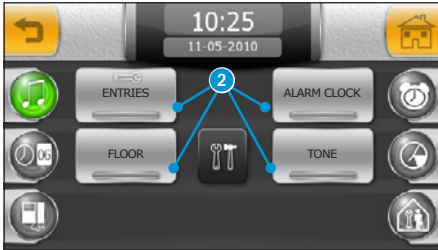
DEVICE SETUP

1

Main functions in the setup menu

Press the "setup" **1** icon on the main screen.

2

The "setup" menu encompasses all the basic settings for the Mitho SB terminal.

3

Select a call melody

Press the "melodies" button to access the screen in figure 3, which provides a list of the call types **2** with which one of the available ringtones can be associated.

Select a type of call.

4

Select the ringtone you wish to associate with the call from the list of available ringtones.
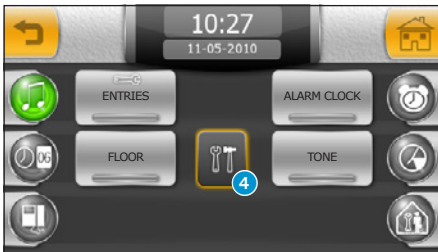
The arrows at the top of the screen allow you to regulate the volume and the central "PLAY" play button makes it possible to listen to a sample of the selected ringtone.

DEVICE SETUP

5

Pressing the "**TONE**" ❸ button allows you to activate or deactivate the sound associated with pressing the buttons and to regulate their volume with the arrows at the top of the window.

6

Adjust number and pause of rings

The number of rings and the pause between them can be modified on ringtones with the icon ▭=ᴄ.

Press button ❹ and select the ringtone to adjust.

7

Select the button ❺ to modify (using the lateral arrows) the maximum number of rings for the type of call selected.

Select button ❻ to modify (using the lateral arrows) the pause between rings for the type of call selected.
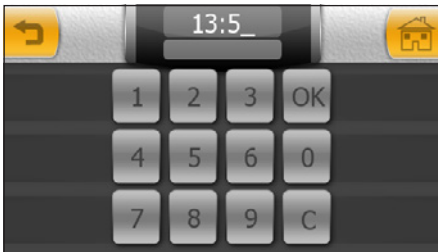
DEVICE SETUP

8

🕐 *Adjusting the terminal date and time*

Press the "**date/time**" button.
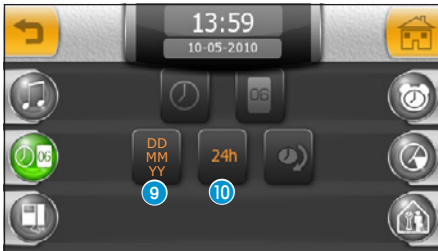To set the current time, select button ❼ and press the "**SET**" button.

On the keypad that appears, type in the current time and press "**OK**".

9

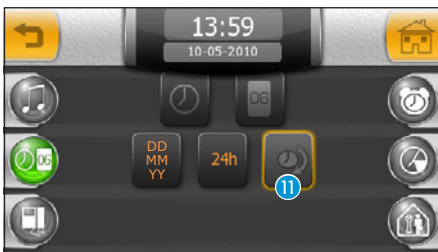To set the current day, month, and year, select button ❽ and press the "**SET**" button.

On the keypad that appears, type in the current day, month, and year and press "**OK**".

10

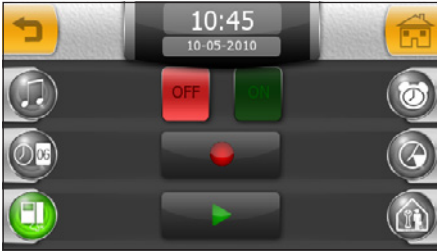Button ❾ (pressed repeatedly) lets you choose the format for displaying the date.
Button ❿ lets you choose the format for displaying the time.

11

Button ⓫ (active) enables summer time.

DEVICE SETUP

12

⬛ *Door entry setup*

Press the " **door entry**" button.

The screen shown contains the commands needed to record and listen to your answer phone message.

See the chapter "**Video mail**"

13

⏱ *Alarm clock function*

Select the "**alarm clk.**" icon.

To set the alarm clock time, select button **12** and press the "**SET**" button.

On the keypad that appears, type the desired alarm time and press "**OK**".

Note:
If you programme only the alarm time, the alarm will sound every day.

14

To set the alarm clock day, select button **13** and press the "**SET**" button.

On the keypad that appears, type the day, month, and year for the desired alarm time and press "**OK**".

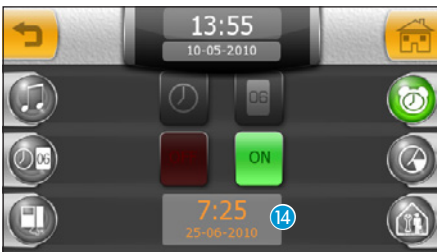The set day and time are shown in the **14**.

15

ON Alarm clock on

OFF Alarm clock off

When the alarm clock is on, the icon will be displayed next to the current time 🔔.

Note:
*If you want an alarm set for a certain day to be repetitive, delete the programmed day with button "***C***.*
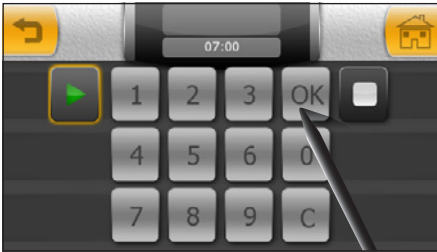
DEVICE SETUP

16

⊘ *Timers*

The "**timers**" menu is used to programme ❹ daily time periods during which the porter switch board is automatically activated to intercept the calls.

Press one of the 4 buttons that represent the time periods to start programming.

17

With the button ▶ (start) active, enter the start time for the first time period; press "OK" to confirm the entry; select ■ (end) and enter the end time for the first time period and press "OK" to confirm the entry.

Press ↩ to return to the summary window.

18

Select the next time period to programme and proceed in the same manner.

19

Once the time periods have been programmed, select the days to which they must be applied from the upper bar.

The yellow "LED" indicates that the activity time period is being applied.

DEVICE SETUP

20

21

22

23

Call interception NOT active

Call interception Active

Note:
Call interception can be forced using the specific button on the main window.

Service setup

Press the "**service**" button.

⚠️

The functions of service setup are reserved for qualified personnel. For this reason, access to this area can be protected by a password.

To assign an access password to the service menu, select button **16**.
Type in a password and press the button .
The memorized password will be requested each time that the "**service**" menu is accessed.
If no alphanumeric characters are entered during the registration phase of the password registration, it will be disabled and any password will not be requested during the next entrance to the "**service**" menu.

Press button **15** to access programming functions of the service menu.

By pressing the button for the "**building**" function, the "secondary porter" button located on the main menu will be activated too.

Activate the function "**MM**" to synchronize the functions of clock, date, videomail, between terminals connected with MM bus

Button **17** lets you save the configuration of the terminal in the removable memory card.
This operation is of considerable importance it you need to

DEVICE SETUP

update the firmware of the terminal or if you want to transfer a configuration from one terminal to another with the same call code.

The "**send sn**" button is needed to identify the device if it is being programmed from a PC using PCS/300 software.

Button **18** allows selection of the standard of the video signal of the system, either PAL or NTSC.
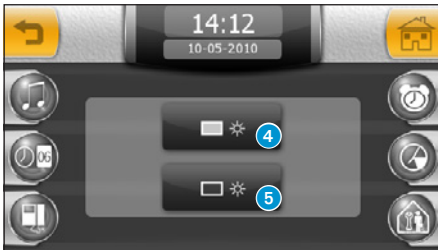Press the button "**PAL -> NTSC**" to change from PAL to NTSC. Press the button "**NTSC -> PAL**" to change from NTSC to PAL.
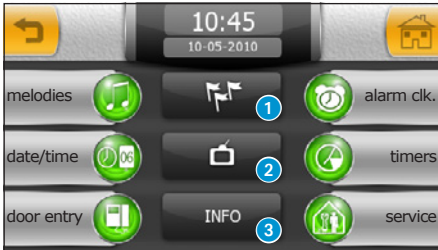
24

Terminal language selection

Press button **1** and select the desired language for the user interface.
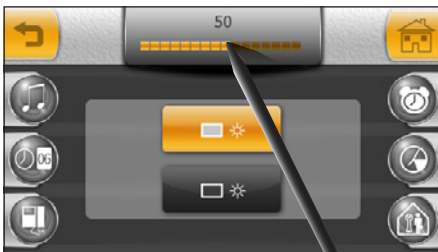

25

Display luminosity adjustment

Press the button **2** :

Select button **4** and move the cursor that appears at the top of the screen to adjust the luminosity of the display.

Select botton **5** to adjust the luminosity of the display when the terminal is in standby mode (reduced luminosity).

26

DEVICE SETUP

27

Terminal info

The "**INFO**" button ③ (fig. 24) allows you to view a series of technical information on the terminal, which could be useful for your installer in terms of software updates or technical operations.
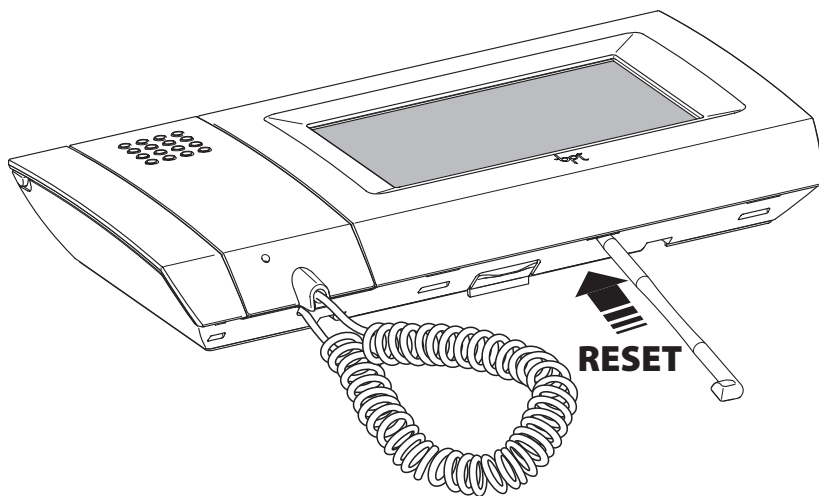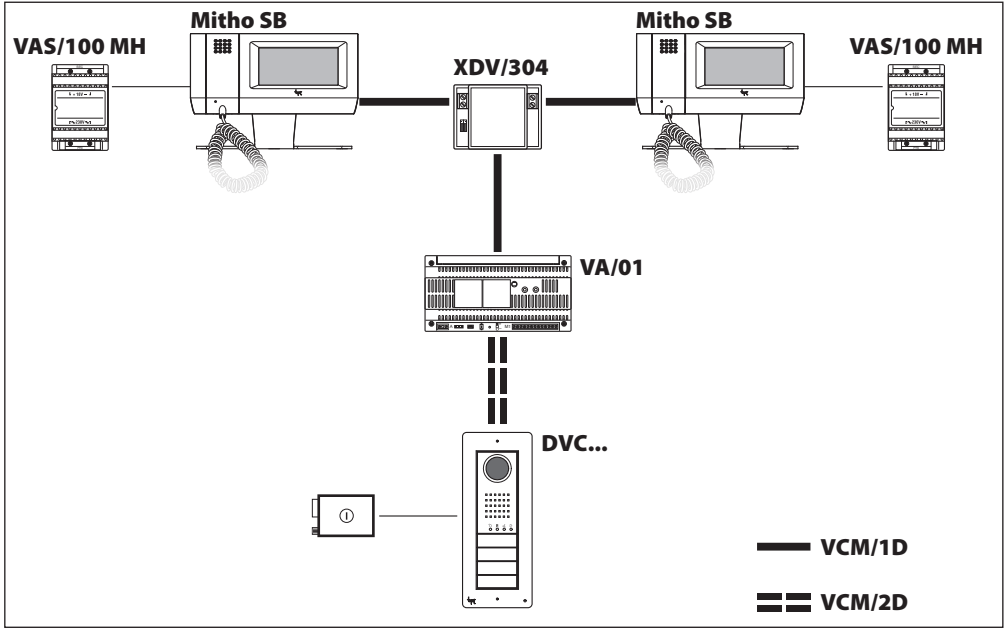

Device reset

Any time that operating anomalies, servicing or other technical reasons require the unit to be reset, press lightly on the button located inside the opening under the body of the device (see figure), using the pen provided. Release the button as soon as the screen goes dark and wait for the main menu to reappear before resuming normal use of the unit.
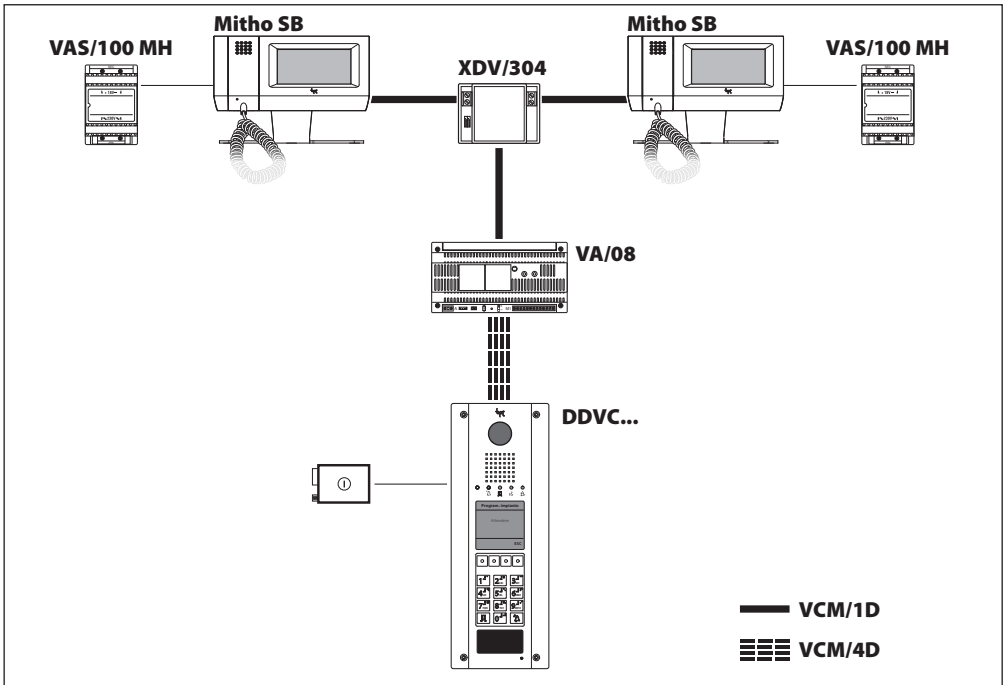
Note:
This operation does NOT delete any programmes, which will be restored, along with other data, when the unit is restarted.

Installation diagrams

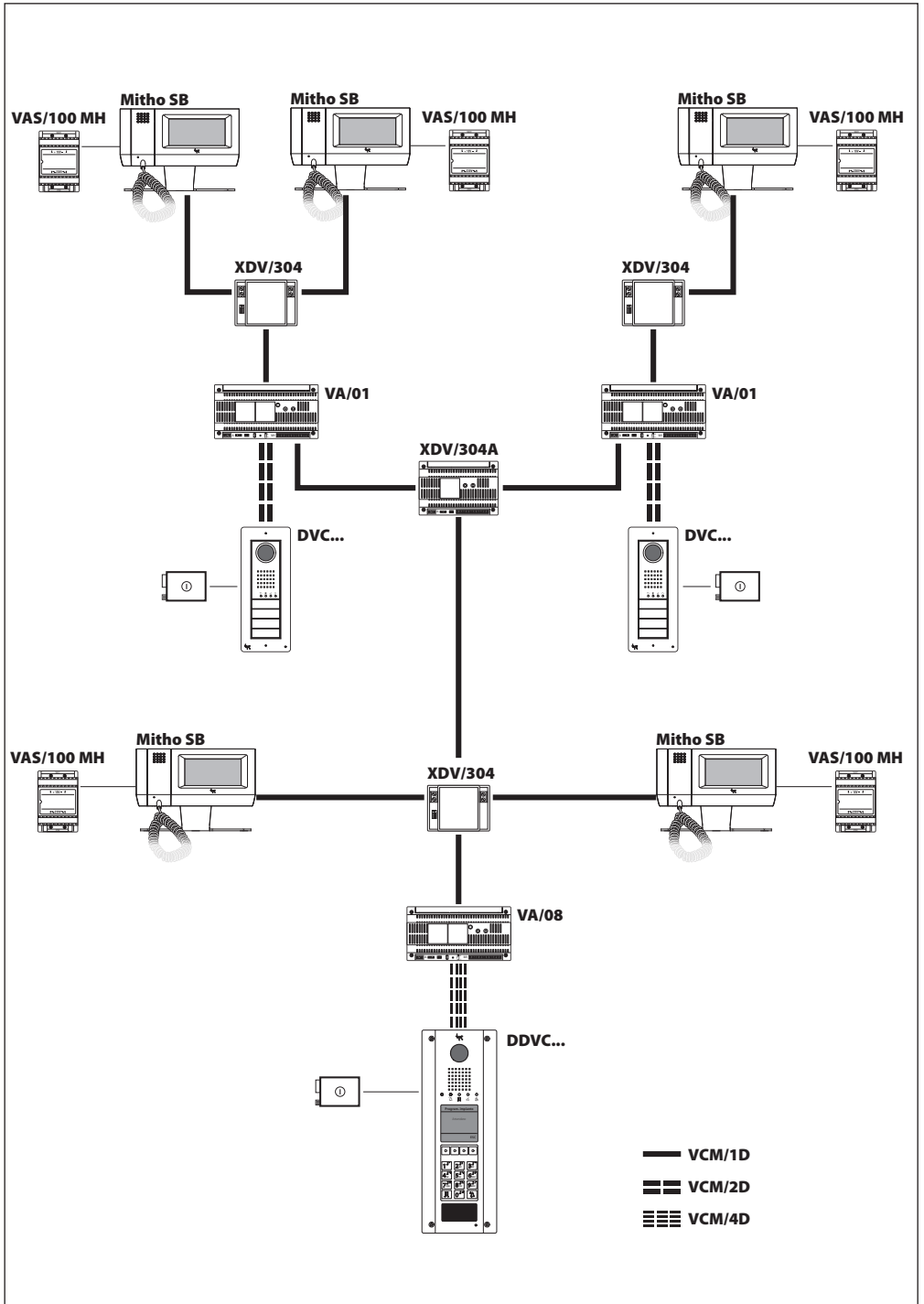## X1 Single block

Mitho SB

Mitho SB

VAS/100 MH

XDV/304

VAS/100 MH

VA/01

DVC...

━━━ VCM/1D

══ VCM/2D

XIP Single block

Mitho SB

Mitho SB

VAS/100 MH

XDV/304

VAS/100 MH

VA/08

DDVC...

━━━ VCM/1D

≡≡≡ VCM/4D

XIP Residential

VAS/100 MH
Mitho SB
Mitho SB
VAS/100 MH
Mitho SB
VAS/100 MH

XDV/304
XDV/304

VA/01
VA/01

XDV/304A

DVC...
DVC...

VAS/100 MH
Mitho SB
XDV/304
Mitho SB
VAS/100 MH

VA/08

DDVC...

— VCM/1D
══ VCM/2D
▤▤▤ VCM/4D

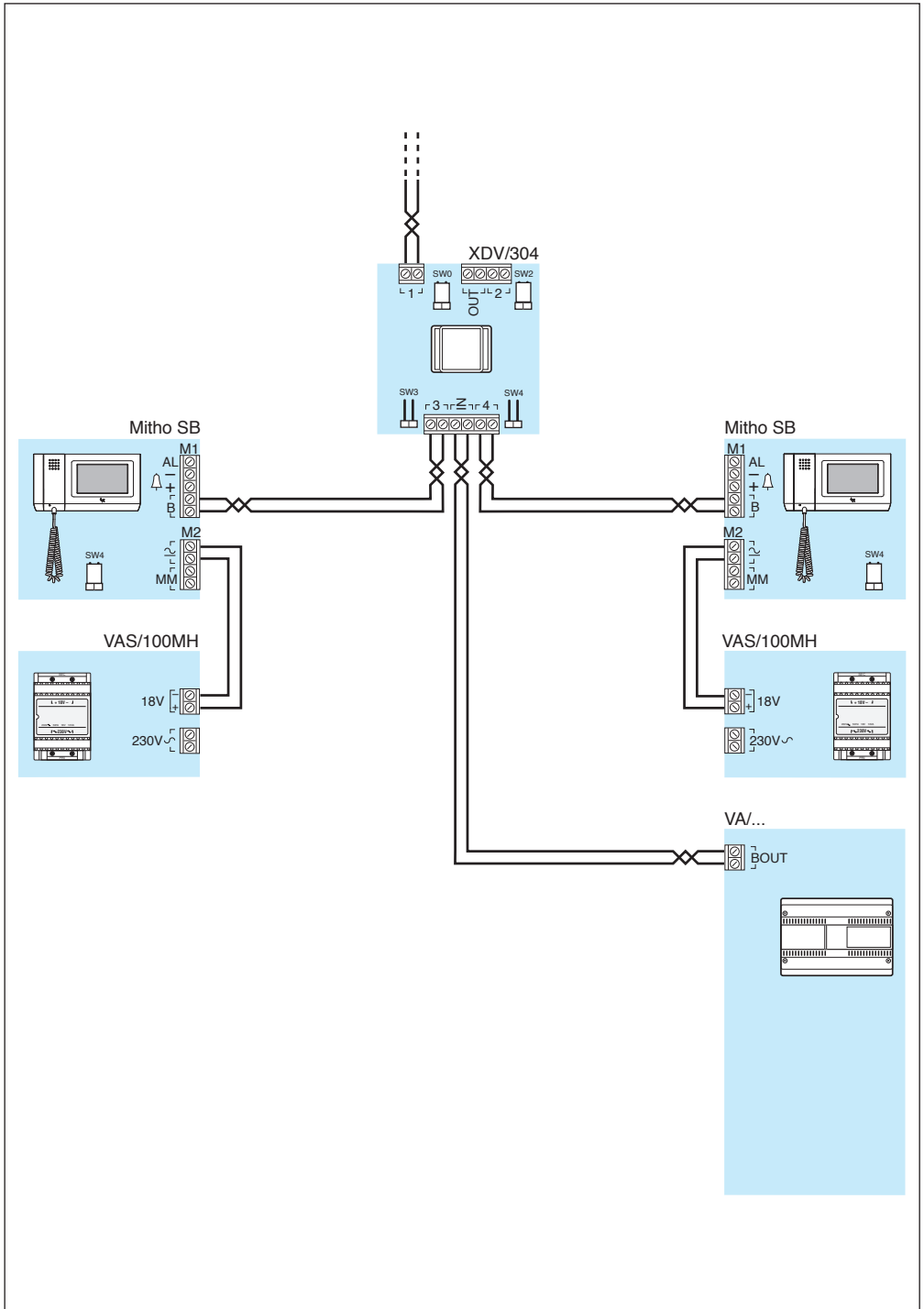## X1 connection example

⚠️ ATTENTION

Once the system has been commissioned, the installer must issue all documentation required for possible future technical service (IN/OUT association tables for devices, system files and any passwords).

FC **-** This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.
This product complies with the relevant directives in force.

Decommissioning and disposal. Dispose of the packaging and the device at the end of its life cycle responsibly, in compliance with the laws in force in the country where the product is used. The recyclable components are marked with a symbol and the material's ID marker.

THE DATA AND INFORMATION SHOWN IN THIS MANUAL ARE TO BE CONSIDERED AS SUBJECT TO CHANGE AT ANY TIME AND WITHOUT THE NEED FOR ANY ADVANCE WARNING. MEASUREMENTS, UNLESS OTHERWISE INDICATED, ARE IN MILLIMETRES.

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