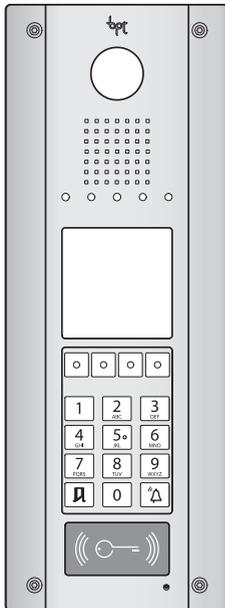
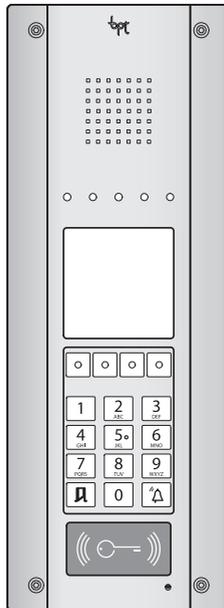


DDVC/08 VR



DDC/08 VR

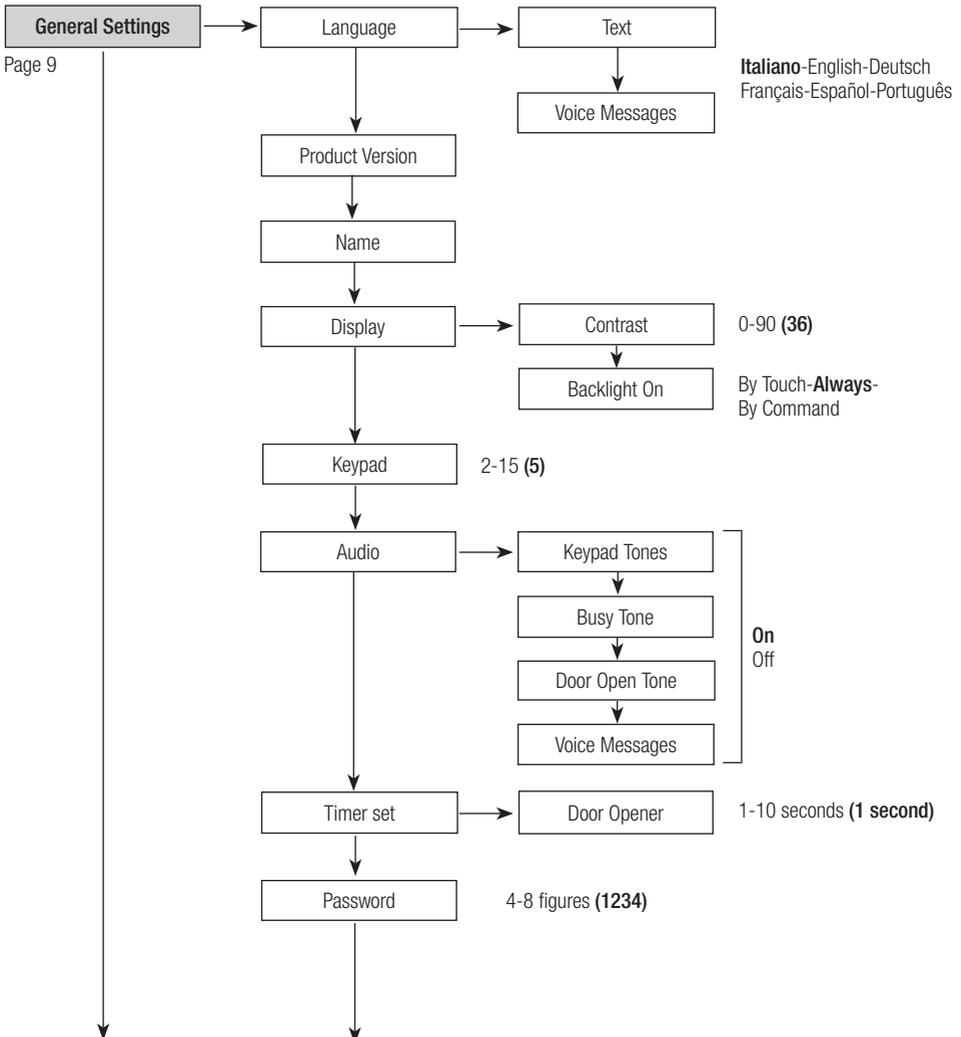


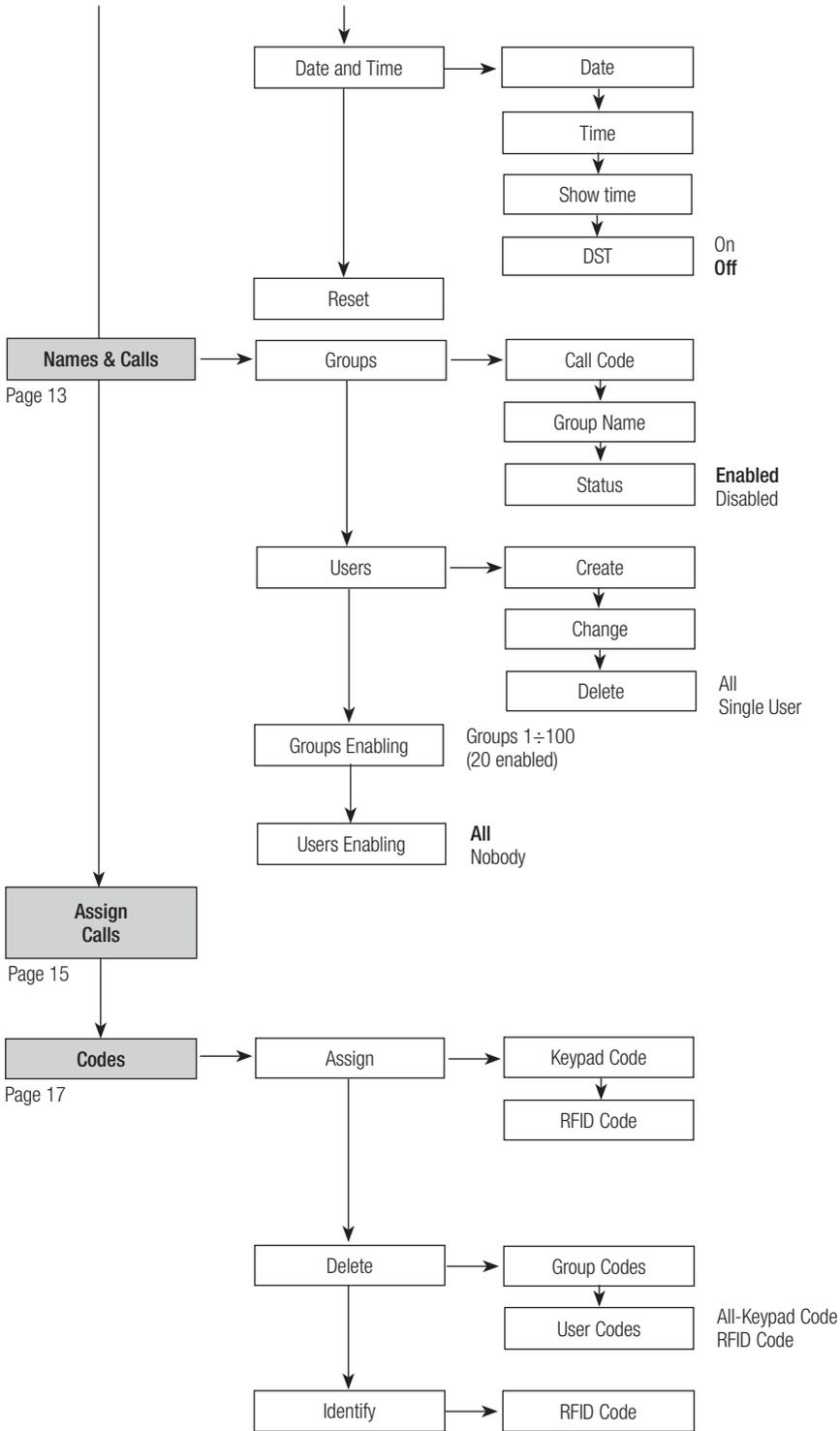
## General precautions

- Read the instructions carefully before beginning the installation and carry out the actions as specified by the manufacturer.
- The installation, programming, commissioning and maintenance of the product must only be carried out by qualified technicians, properly trained in compliance with the regulations in force, including health and safety measures and the disposal of packaging.
- The installer must ensure that the information for the user, where there is any, is provided and delivered.
- Before carrying out any cleaning or maintenance operation, disconnect the devices from the power supply.
- The equipment must only be used for the purpose for which it was expressly designed.
- The manufacturer declines all liability for any damage as a result of improper, incorrect or unreasonable use.

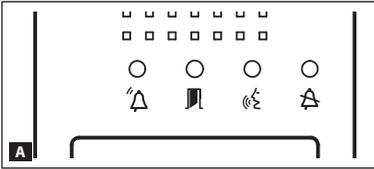
**Decommissioning and disposal.** Do not dispose of the packaging material and the device at the end of its life cycle in the environment, but dispose of them in compliance with the laws in effect in the country in which the product is being used. The recyclable components are marked with a symbol and the material's ID marker.  
THESE INSTRUCTIONS MUST BE ATTACHED TO THE DEVICE, the data and information contained are to be considered as subject to change at any time and without the need for any advance warning.

## Programming menu structure



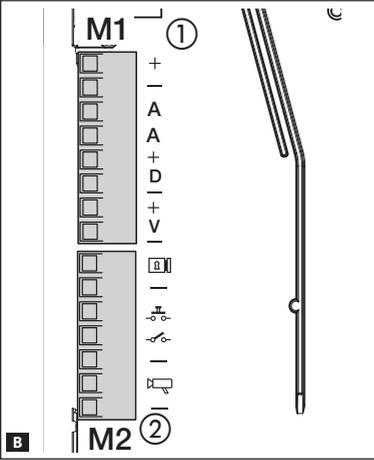


## Functions



### Warning lights **A**

- Red - Call in progress
- Yellow - Conversation in progress
- Green - Door open
- Blue - System busy



### Terminal Board **B** ①

- +** Power supply
- 14-18 VDC
- A**
- A** Audio
- +**
- D** Data Line
- 
- +**
- V** Video Signal
- 

### Terminal Board **B** ②

- B** Solenoid lock
- 12 V - 1 A max
- Door lock release button (NA)
- Door contact input (NC)
- Ground
- System output (active to ground)
- Ground

### Adjustments **C** ①

- Speaker audio
- Microphone audio

### CN4 Connector **C** ②

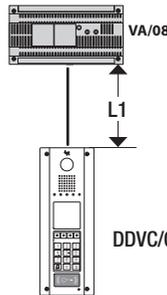
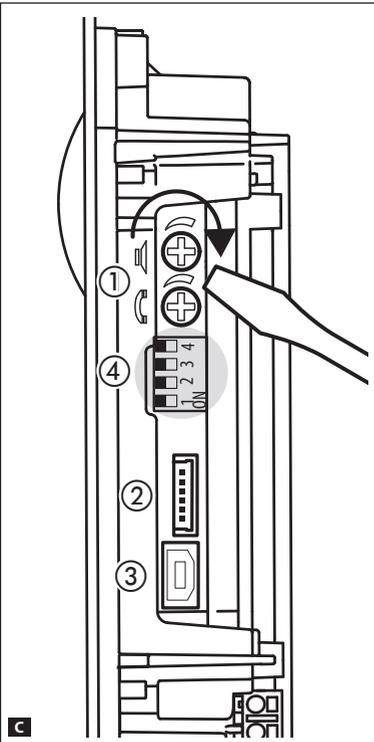
For future uses

### Mini USB **C** ③

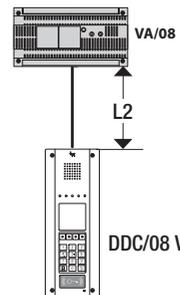
Programming connector

### Dip-switch **C** ④

Adjustment of distance between power supply and entry panel.



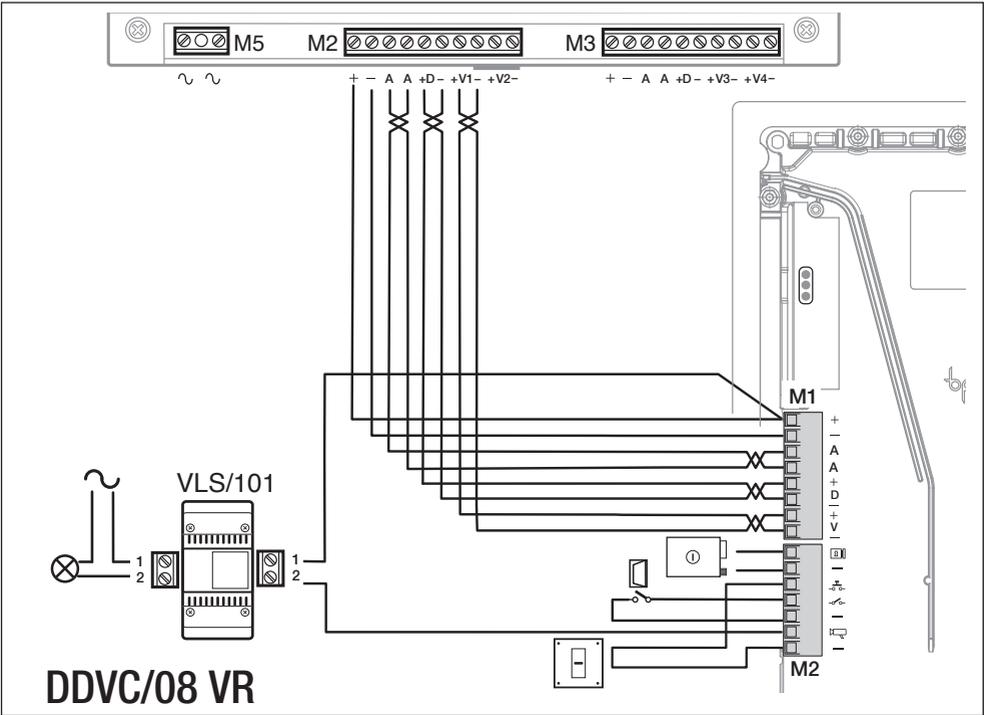
DDVC/08 VR



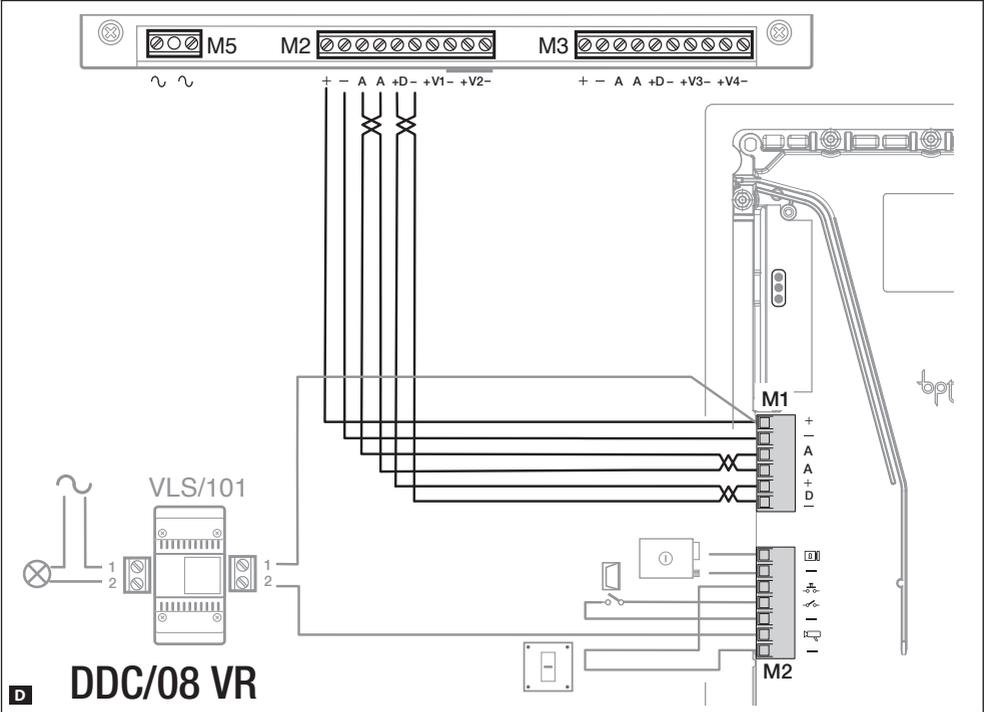
DDC/08 VR

OFF		L1 < 200 m
ON		
OFF		200m < L1 < 500 m
ON		
OFF		L1 > 500 m
ON		

OFF		L2 < 200 m
ON		
OFF		200m < L2 < 500 m
ON		
OFF		L2 > 500 m
ON		



## DDVC/08 VR

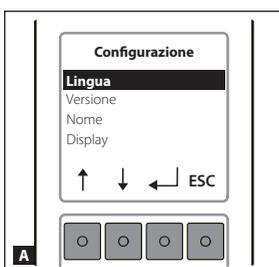


## DDC/08 VR

## Technical features

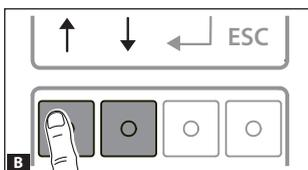
Type	DDVC/08 VR	DDC/08 VR	DDVC/08 VR IP65
Power supply [V DC]	14-18		
Current consumption [mA]	220		
Consumption in stand-by mode [mA]	370		150
Dimensions of wall-mounted version [mm]	140x380x47		
Dimensions of recessed version [mm]	140x380x2		
Storage temperature [°C]	-25 /+70		
Operating temperature [°C]	-30 /+50		-15 /+50
IP Rating	IP 54		IP 65
DDSI recessed box IP rating	IP 54		
Video standard	PAL/NTSC		
Resolution [pixel]	680x512		
Minimum lighting [LUX]	1		

## Use of keys during programming

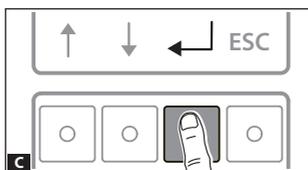


This part of the Programming Manual is useful for understanding how to use the function keys.

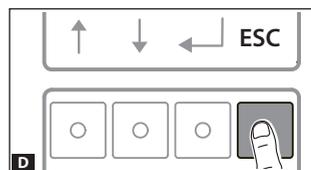
The buttons available for navigating in each menu are as follows



Scroll arrows



Enter selected window



Back to previous window

## Navigation examples

### Function selection screens

Main Menu
General Settings
Names & Calls
Assign Calls
Codes
↑ ↓ ← ESC

General Settings
Language
Product Version
Name
Display
↑ ↓ ← ESC

With the ↑ ↓ keys you can scroll (in turn) through the available functions; the function selected is highlighted white on black.

## Error messages

Password
ERROR!
ESC

Keypad Code
ERROR!
ESC

Press the [ESC] key to exit the error screens. It is also possible to exit by being timed out (10 seconds).

## Setting values

Name
DIGITHA_
  ESC

Call Code
4567_
  ESC

On all screens where alphanumeric characters have to be entered, the first screen displays the current value with the cursor placed on the last character. Using the  key you can delete the values entered by placing the cursor on the last character. To confirm press . To exit press **[ESC]** or wait for the time to run out (10 seconds).

Backlight On
By touch
<input checked="" type="checkbox"/> Always
By command
   ESC

Keypad
5 (2-15)
   ESC

The values required can be increased, decreased or selected on the screen with the   keys. To confirm press . To exit press **[ESC]** or wait for the time to run out (10 seconds).

Date format <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> DD/MM/YYYY
MM/DD/YYYY
YYYY/MM/DD
YYYY/DD/MM
   ESC

Keypad <input checked="" type="checkbox"/>
5 (2-15)
   ESC

The last selection made is marked with a tick (✓) on the left of one of the possible choices. Once the selection has been made, the setting chosen will be marked with a tick (✓) in the top right of the screen.

## Confirmation to carry out a function

Reset
Press  to confirm
 ESC

Delete
Press  to confirm
 ESC

From these screens you can continue/confirm with  while it is possible to exit by pressing **[ESC]**.

## Programming with PCS/XIP


ESC

If the entry panel has been programmed using PCS/XIP software, for safety reasons only some parameters can be changed. In all other cases the symbol shown on the left will appear on the display.



## General Settings

The parameters listed below can be set in the [General Settings] menu.

### Language

<b>General Settings</b>
Language
Product Version
Name
Display
↑ ↓ ← ESC

<b>Language</b>
Text
Voice Messages
↑ ↓ ← ESC

<b>Text</b>
✓ Italiano
Português
Deutsch
English
↑ ↓ ← ESC

Use this menu to choose the language you want the entry panel to operate in.

<b>Language</b>
Text
Voice Messages
↑ ↓ ← ESC

<b>Voice Messages</b>
✓ Italiano
Português
Deutsch
English
↑ ↓ ← ESC

### Product Version

<b>General Settings</b>
Language
Product Version
Name
Display
↑ ↓ ← ESC

<b>Product Version</b>
1.06
0.00.0022
SN 40ABCD
ESC

Via this menu you can check the entry panel version and its serial number.

<b>General Settings</b>
Language
Product Version
Name
Display
↑ ↓ ← ESC

<b>Name</b>
DIGITHA_
⏪ ← ESC

### Name

Use the alphanumeric keypad to enter the name (max. of 12 alphanumeric characters) that will be shown on the entry panel's start-up screen.

### Display

<b>General Settings</b>
Language
Product Version
Name
Display
↑ ↓ ← ESC

<b>Display</b>
Contrast
Backlight On
↑ ↓ ← ESC

<b>Contrast</b>
36
(0-90)
↑ ↓ ← ESC

Using this menu you can set the display contrast and whether backlighting of the display should be turned on (as well as the keypad lighting) as soon as the keypad is actually in use [By Touch], [Always] or [By command], when its activation should be commanded by a system input (set only by tool).

<b>Display</b>
Contrast
Backlight On
↑ ↓ ← ESC

<b>Backlight On</b>
By touch
✓ Always
By command
↑ ↓ ← ESC

## Keypad

General Settings
Product Version
Name
Display
<b>Keypad</b>
↑ ↓ ← ESC

Keypad
5
(2-15)
↑ ↓ ← ESC

Keypad
Release the buttons and Hold on
ESC

Using this menu you can set the sensitivity of the keypad keys to the touch.

The degree of sensitivity can be increased or reduced using the ↑ ↓ arrows.

A value of 2 means that the keypad is very sensitive; a value of 15 means that the keypad is not very sensitive at all.

Once the value has been selected, press ← to confirm and wait for the instructions on the screen shown on the left, then continue with programming.

## Audio

General Settings
Name
Display
Keypad
<b>Audio</b>
↑ ↓ ← ESC

Audio
<b>Keypad Tones</b>
Busy Tone
Door Open Tone
Voice Messages
↑ ↓ ← ESC

Keypad Tones
<input checked="" type="checkbox"/> On
Off
↑ ↓ ← ESC

Using this menu you can choose whether or not to activate a beep in the event of:

- pressing keys [**Keypad Tones**]
- system busy [**Busy Tone**],
- activation of solenoid lock [**Door Open Tone**].

Audio
Keypad Tones
<b>Busy Tone</b>
Door Open Tone
Voice Messages
↑ ↓ ← ESC

Busy Tone
<input checked="" type="checkbox"/> On
Off
↑ ↓ ← ESC

Audio
Keypad Tones
Busy Tone
<b>Door Open Tone</b>
Voice Messages
↑ ↓ ← ESC

Door Open Tone
<input checked="" type="checkbox"/> On
Off
↑ ↓ ← ESC

It is also possible to choose whether or not to activate voice messages.

The messages available are:

- "System busy";
- "Door Open";
- "Call forwarded".

Audio
Keypad Tones
Busy Tone
Door Open Tone
<b>Voice Messages</b>
↑ ↓ ← ESC

Voice Messages
<input checked="" type="checkbox"/> On
Off
↑ ↓ ← ESC

## Timer set

General Settings
Display
Keypad
Audio
<b>Timer set</b>
↑ ↓ ← ESC

Timer set
<b>Door Opener</b>
↑ ↓ ← ESC

Door Opener
↑ ↓ ← ESC

Using the [**Timer set**] menu, you can set the duration of the door open command.

## Password

General Settings	
Display	
Audio	
Timer set	
<b>Password</b>	
↑	↓
←	ESC

Password	
Present	
-	
←	ESC

Password	
New	
-	
←	ESC

Password	
Confirm	
-	
←	ESC

Using this menu you can change the protective password (stored locally on the entry panel), which by default is 1234. The password can be made up of 4 to 8 numerical characters.

Password	
ERROR!	
ESC	

If an incorrect password is entered, the related error window will appear, which can be exited from by pressing the **[ESC]** key or by being timed out (10 seconds).

## Date and Time

### Date

General Settings	
Audio	
Timer set	
Password	
<b>Date and Time</b>	
↑	↓
←	ESC

Date and Time	
<b>Date</b>	
Time	
Show time	
DST	
↑	↓
←	ESC

Date	
<b>Date set</b>	
Date format	
↑	↓
←	ESC

Date set	
16/02/2010	
Year: _____	
Month: _____	
Day: _____	
←	ESC

Date set ✓	
16/02/2010	
Year: 2009	
Month: 12	
Day: 16	
←	ESC

Date	
Date set	
<b>Date format</b>	
↑	↓
←	ESC

Date format	
✓ DD/MM/YYYY	
MM/DD/YYYY	
YYYY/MM/DD	
YYYY/DD/MM	
↑	↓
←	ESC

Date format ✓	
DD/MM/YYYY	
✓ MM/DD/YYYY	
YYYY/MM/DD	
YYYY/DD/MM	
↑	↓
←	ESC

Using this menu you can set the date and desired format.

Once in the **[Date set]** menu, set the year (in 4 figures) and press ← to confirm, then go on to set the month and the day (in 2 figures), pressing ← each time to confirm.

If a value that is not permitted is set (e.g. 16 in the **[Month]** field), the data will not be accepted.



## Names & Calls

### Groups

Names & calls
Groups
<b>Users</b>
Groups Enabling
Users Enabling
↑ ↓ ← ESC

Select Group
<b>Group 1</b>
Group 2
Group 3
Group 4
↑ ↓ ← ESC

Call Code
4567_
⏪ ← ESC

Group Name
Zampolini_
⏪ ← ESC

Status
<b>✓ Enabled</b>
Disabled
↑ ↓ ← ESC

Group	✓
4567	
Zampolini	
Enabled	
	ESC

Using the **[Groups]** menu it is possible to:

- set the call code that activates the call to the internal receiver that corresponds to the **[Group]**; it can be a maximum of 8 numerical characters long.
- set the name associated with the group, which will be the one used to be displayed during the groups/users search; it can be a maximum of 12 alphanumeric characters long.
- enable or not the displaying of this group during the groups/users search stage. This function is useful for ensuring that unused groups are not displayed during searches.

Call Code
Code Existing
ESC

If an incorrect value is entered, the related error window will appear, which can be exited from by pressing the **[ESC]** key or, by being timed out (10 seconds).

### Users

Names & Calls
Groups
<b>Users</b>
Groups Enabling
Users Enabling
↑ ↓ ← ESC

Select Group
<b>Group 1</b>
Group 2
Group 3
Group 4
↑ ↓ ← ESC

Users
Create
Change
Delete
↑ ↓ ← ESC

The **[Users]** menu lets you create, change and delete users.

First the group to which the user belongs must be selected.

### Create

Users
<b>Create</b>
Change
Delete
↑ ↓ ← ESC

User Name
<b>SURNAME</b>
<group surname 001>
<b>NAME</b>
<group name 001>
↑ ⏪ ← ESC

Using this menu you can associate the name and surname with which each user will be identified.

Each group can have a maximum of 5 users.

Use the ↓ key to move the cursor between the lines of the window; using the ⏪ key delete the values entered by placing the cursor on the last character and entering the **[name]** and **[surname]** desired.

Users
Group Full
ESC

Should this limit have already been reached, when you try to create more of them, the window shown on the left will appear.

## Change

Users
Create
<b>Change</b>
Delete
↑ ↓ ← ↵ ESC

Select User
Mario Rossi
↑ ↓ ← ↵ ESC

User Name
<b>SURNAME</b>
Rossi
<b>NAME</b>
Mario_
↑ ↓ << ← ↵ ESC

Using this menu you can change the name and surname with which each user will be identified. Selecting the desired user.

Use the ↓ key to move the cursor between the lines of the window; using the << key delete the values entered by placing the cursor on the last character and entering the [name] and [surname] desired.

Select User
Group Empty
ESC

If users have not been created and you try to change them, the window shown on the left will appear.

## Delete

Users
Create
Change
<b>Delete</b>
↑ ↓ ← ↵ ESC

Delete
All
Single User
↑ ↓ ← ↵ ESC

Delete
Press ↵ to confirm
← ↵ ESC

Delete
All
<b>Single User</b>
↑ ↓ ← ↵ ESC

Select User
<group name 1>
↑ ↓ ← ↵ ESC

Delete
Press ↵ to confirm
← ↵ ESC

Using this menu you can delete a [Single User] or [All] users belonging to the selected group. In the event of a single deletion it is necessary to select to user to be deleted.

In all cases, for the sake of safety, confirmation is required before the operation is carried out.

Select User
Group Empty
ESC

If users have not been created and you try to delete them, the window shown on the left will appear.

## Groups Enabling

Names & Calls
Groups
Users
<b>Groups Enabling</b>
Users Enabling
↑ ↓ ← ↵ ESC

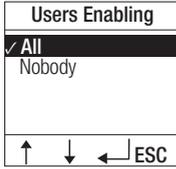
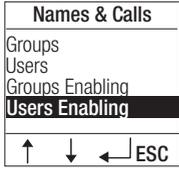
Select Group
✓ Group 1
✓ Group 2
✓ Group 3
✓ Group 4
↑ ↓ ← ↵ ESC

Using this menu you can quickly update the list of groups that you want to be displayed during the groups/users search.

The groups enabled for being displayed are marked with a tick (✓).

To enable/disable a group use the ↵ key.

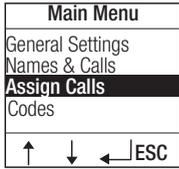
## Users Enabling



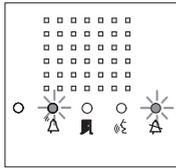
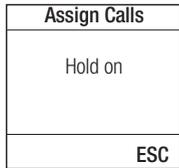
Using this menu you can enable whether or not the names of users are displayed during the groups/users search.  
The selection made is marked with a tick (✓).

## Assigning call code

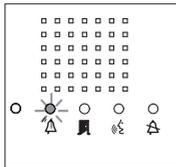
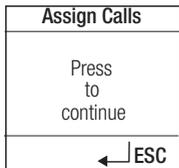
**Manual programming is only possible in the case of a single entry panel (DDVC/08 VR-DDC/08 VR).**  
Where a DC/08-DVC/08 is present, manual system programming must be started from the DDVC/08 VR-DDC/08 VR plate as described below. In this event it is not necessary to go into programming mode from the VA/08 power supply; the other DC/08-DVC/08s are programmed as shown in the relative manuals.



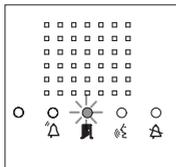
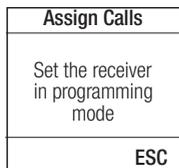
Using this menu it is possible to assign to each internal receiver the corresponding call code.  
To go into programming press the ← key.



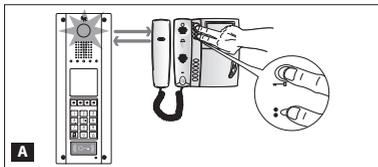
Once in programming the system will start autorecognition.



When it finishes, the entry panel's LEDs will turn on as shown in the figure on the left.  
To continue programming press the ← key.



Once the screen shown on the left is displayed, follow the procedure described below in order to be able to assign the call code to the internal receiver.



Lift the handset (if present) of the receiver that you want to programme and then press the door lock release ← and Aux 2 ● buttons **A**.



To assign the call code, select the desired group using the ↑ ↓ arrows and confirm by pressing ←.  
A beep will confirm that programming has taken place **B**.



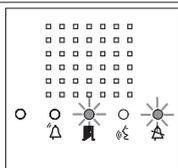
**C**

End the communication (by replacing the handset if necessary **C**) and continue, repeating the procedure just described for all the other receivers.

**Assign Calls**

To transfer the Calls assignment to this Entry Panel press ↵

↵ ESC

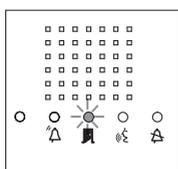


**E** If the window and configuration of LEDs shown on the left should appear, programming cannot be carried out from this entry panel: to make the operation possible press ↵.

**Assign Calls**

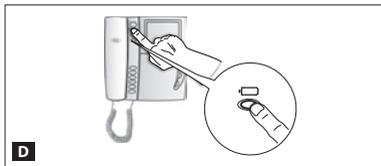
Set the receiver in programming mode

ESC



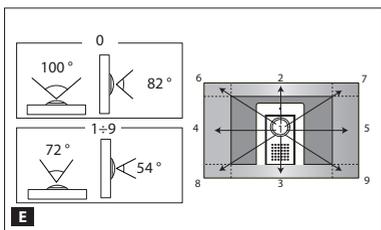
You will then be taken back to the configuration shown on the left and will be able to proceed with assigning the calls as shown on the previous page.

**Programming entry panel surveillance camera**

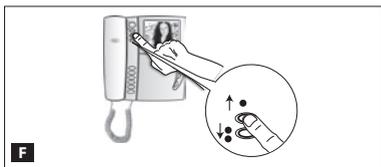


**D**

During system programming, with the monitor turned off, press the “Self-connection” key **D** to adjust the “visual field” of the surveillance camera. From the default settings it is possible to scroll through the following ones **E** and press the AUX1 ● key or go back to the previous settings with the AUX2 ● key **F**: the setting is automatically saved.



**E**



**F**

## Codes

Main Menu
General Settings
Names & Calls
Assign Calls
<b>Codes</b>
↑ ↓ ↵ ESC

Codes
Assign
Delete
Identify
↑ ↓ ↵ ESC

The **[Codes]** menu lets you assign, delete or identify a code for each device available (keypad, RFID code).

## Assign

Codes
<b>Assign</b>
Delete
Identify
↑ ↓ ↵ ESC

Select Group
Group 1
Group 2
Group 3
Group 4
↑ ↓ ↵ ESC

Select User
<name surname 1>
↑ ↓ ↵ ESC

Using this menu you can associate a single Keypad Code and an RFID Code, to each user of each group.

The keypad codes can be 4-8 characters long.

If codes that already exist or codes that are not valid are assigned, the relative error window will appear.

An already assigned code cannot be changed without first being deleted with the relevant function.

Assign
Keypad Code
RFID Code
↑ ↓ ↵ ESC

Keypad Code
-
⏪ ↵ ESC

Keypad Code
4567
⏪ ↵ ESC

Assign
Keypad Code
<b>RFID Code</b>
↑ ↓ ↵ ESC

RFID Code
Bring the proximity card close to the reader
ESC

RFID Code
Enabled
ESC

RFID Code
ERROR!
ESC

## Delete

Codes
Assign
<b>Delete</b>
Identify
↑ ↓ ← ESC



Delete
Group Codes
User Codes
↑ ↓ ← ESC

Select Group
Group 1
Group 2
Group 3
Group 4
↑ ↓ ← ESC

Select Group
Press ← to confirm
← ESC

Delete
Group Codes
<b>User Codes</b>
↑ ↓ ← ESC

Select User
<name surname 1 >
↑ ↓ ← ESC

Delete
All
Keypad Code
RFID Code
↑ ↓ ← ESC

Using this menu it is possible to delete:

- all the codes of the users belonging to a particular group,
- all the codes assigned to a particular user
- a particular code assigned for that user (keypad code, RFID code).

Delete
All
<b>Keypad Code</b>
RFID Code
↑ ↓ ← ESC

Delete
All
Keypad Code
<b>RFID Code</b>
↑ ↓ ← ESC

Delete
Press ← to confirm
← ESC

In all cases, for the sake of safety, confirmation is required before the operation is carried out.

## Identify

Using this menu it is possible to check which user a badge with unknown owner belongs to. If this is identified the option to delete the code is still suggested.

In all cases, for the sake of safety, confirmation is required before the operation is carried out.

Codes
Assign
Delete
Identify
↑ ↓ ← ESC

Identify
RFID Code
↑ ↓ ← ESC

RFID Code
Bring the proximity card close to the reader
ESC

RFID Code
<name surname> Delete?
← ESC

Delete
Press ← to confirm
← ESC

Identify
Code Unknown
← ESC

If the badge or proximity card is not recognised, or has not been stored in the entry panel, the screen shown on the left will appear.

English - Manual **FB00084-EN** - ver. **1** - 07/2016 - © Came S.p.A.  
The contents of the manual are to be considered as subject to change at any time and without the need for any advance warning.

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