



CDVI

Security to Access

Galeo 4.0



GALEO 4.0 - Bluetooth BOXCODE

Digicode® Weatherproof Illuminated keypad with remote electronics



GALEO 4.0 Bluetooth

Weatherproof Illuminated Keypad with remote electronics

Thank you for buying our products and for the confidence you placed in our company.

1] KEY FEATURES

■ **Digicode® indoor/outdoor - IP64 (keypad)**

- Polished heavy duty Zamak® cast alloy, high resistance to vandalism

■ **Remote controller**

- remote controller and intelligence in a protected environment and connected with 3m cable

■ **Plug'n'play connection**

- Free voltage
- 12V to 24Vac and 12V to 48Vdc
- 3 independent relay outputs

■ **Intuitive programming**

- 100 user codes customisable by each user

■ **Ergonomic**

- Audible and visual feedback

■ **Default programming**

There is no master code in the factory setting (only 5 terms)

■ **2 mounting available**

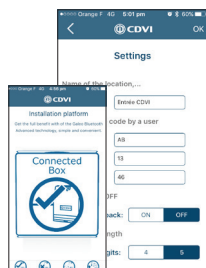
- Operation of the BOXCODE perform with CDVI App
- Operation of the BOXCODE with CDVI App or TMGALEO keypad

THE APPLICATION

You have a possibility to add users with the Bluetooth connection and your Smartphone. This app is available from Android 5 and IOS 8.1

6 steps about programming :

1. Press connected box



enter the master code during the first use or connection

2. Change the box name



3. Change user codes relay 1 (door)



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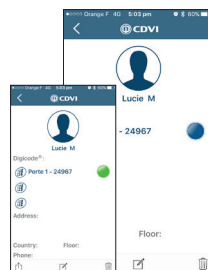
4. Unlock time configuration



5. Create user sheet

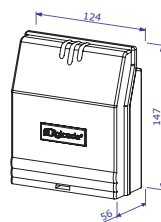
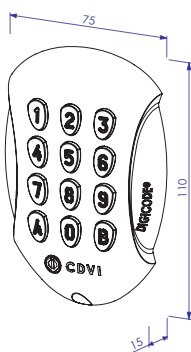
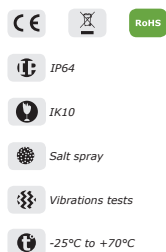


6. Open the door with the button



TMGALEO (OPTIONAL)

REMOTE CONTROLLER (BOXCODE)



Consumption (3 relay outputs activated and keypad illuminated)	12V	24V	48V
AC	166mA	82mA	-
DC	195mA	105mA	54mA

2] NOTES & RECOMMENDATIONS

Cable :

The distance between the GALEO and the remote electronic can not exceed more than 10 meters. Make sure that the cable is not near by a high voltage cables (ex: 230 V AC).

Recommended cable between the GALEO and the remote electronic :

To expand the supplied 3 meter cable, select a 2 twisted pairs cable (4 wires), SYT1 0.8MM (AWG 20).

Recommended power supplies suitable for the GALEO :

ADC335 (230V input) or BS60 (230V input).

Mounting recommendations :

Mount the keypad on a flat surface to avoid any vandalism and to insure the best mounting.

Security advice :

For security advice reasons, there is no master code in the factory setting (only 5 terms).

The 1 2 3 4 5 code is forbidden as a master code. When selecting a master code and user code avoid sequential codes (example : 3 4 5 6 7).










Back EMF protection :

To secure the system from back electromagnetic fields do not forget to mount the varistor in parallel on the lock.

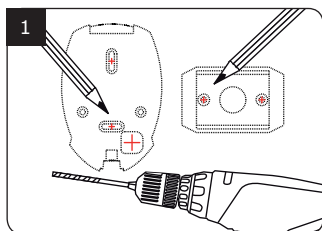
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Weatherproof Illuminated Keypad with remote electronics

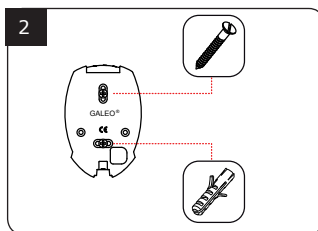
3] MOUNTING KIT

									
GALEO	-	1	1	1	2	2	-	-	-
Remote Controller	1	-	-	-	2	2	2	2	1

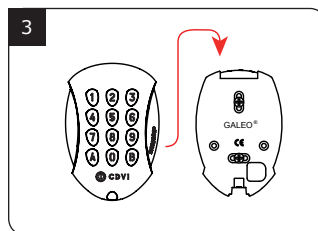
4] MOUNTING



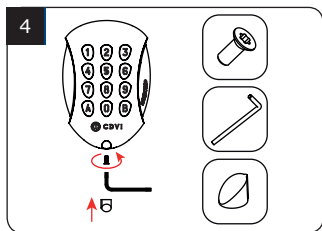
Verify the distance between the GALEO keypad and its remote electronic (Refer to page 3 «Notes and Recommendations»). Place the back plate of the GALEO on the wall and the bracket of the remote electronic then mark with a pen the hole location then drill the 2 mounting holes (drill bit Ø 5 mm and 35 mm hole depth) and the hole wiring access.



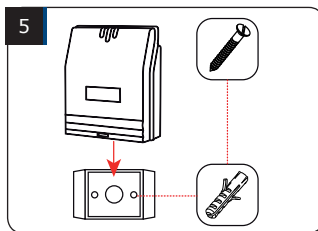
Insert the 2 plastic anchors in the holes. Place the back plate of the GALEO and screw on the wall using the supplied (M4x30) mounting screws.



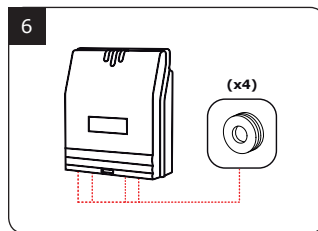
Insert the cable in the hole access area of the back plate. Then mount the keypad on the back plate, placing first the top in the hooks and then the bottom.



Fasten the GALEO keypad to the back plate by using the supplied (M4x10) Torx® screw and T20 Trox spanner. Place the screw cap at the bottom of the keypad.



Insert the 2 plastic anchors in the holes. Place the bracket of the electronic and screw on the wall using the supplied M4x30 screws. Slide the box from up to down on the bracket.

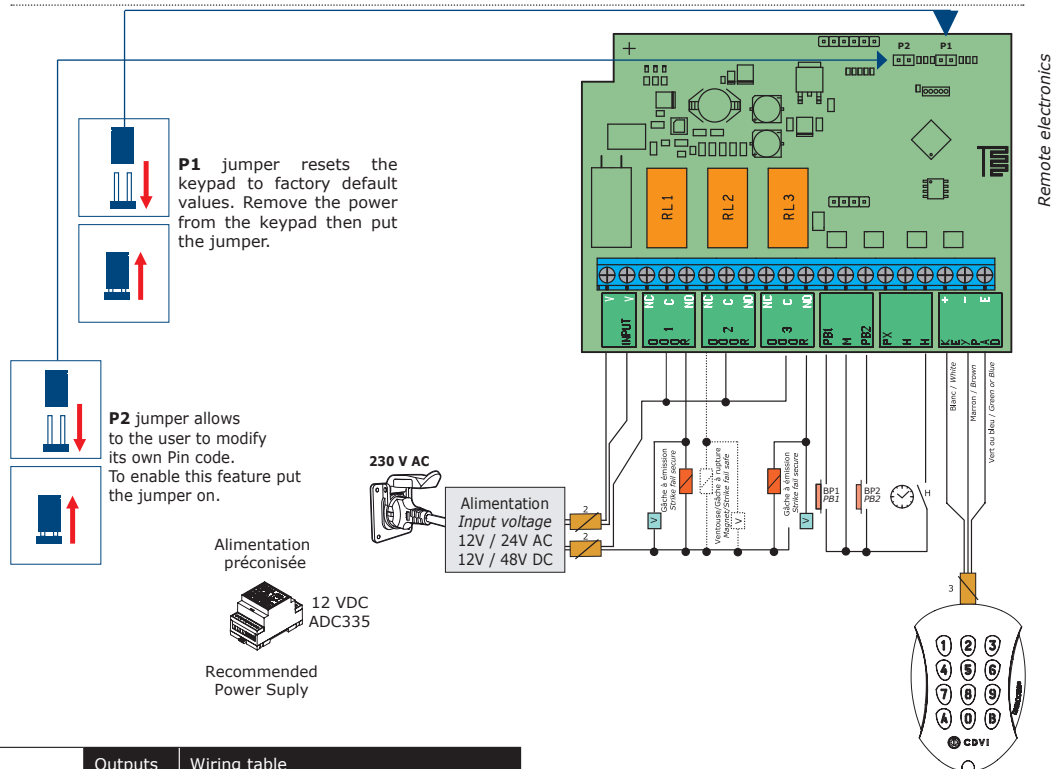


Insert the cable in the remote electronic and wire the cable to the terminals. Do not forget to install the varistor on the lock (Refer to page 3 «Notes and Recommendations»).

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5] WIRING DIAGRAM GALEO 3 RELAY OUTPUTS



	Outputs	Wiring table
INPUT	V	Input voltage 12V to 24VAC or 12V to 48VDC
	V	Input voltage 12V to 24VAC or 12V to 48VDC
DOOR 1	NC	N/C contact relay 1
	C	Common relay 1
DOOR 2	NO	N/O contact relay 1
	NC	N/C contact relay 2
DOOR 3	C	Common relay 2
	NO	N/O contact relay 2
DOOR 3	NC	N/C contact relay 3
	C	Common relay 3
Push button	PB1	Request-to-exit input relay 1
	M	Common of inputs
Clock	PB2	Request-to-exit input relay 2
	PX	Not used
Keypad TMGALEO	H	Not used
	H	Timer Contact
Keypad TMGALEO	+	White wire from keypad
	-	Brown wire from keypad
Keypad TMGALEO	E	Green or Blue wire (illumination)

PB1 request-to-exit input activates relay 1.
PB2 request-to-exit input activates relay 2.
Latch or toggled output.

H input can be used with a timer to enable free access by pressing on any digit key on the keypad.

When the contact is open then the request-to-enter is disabled.
When the contact is closed then press any key on the keypad to enter.

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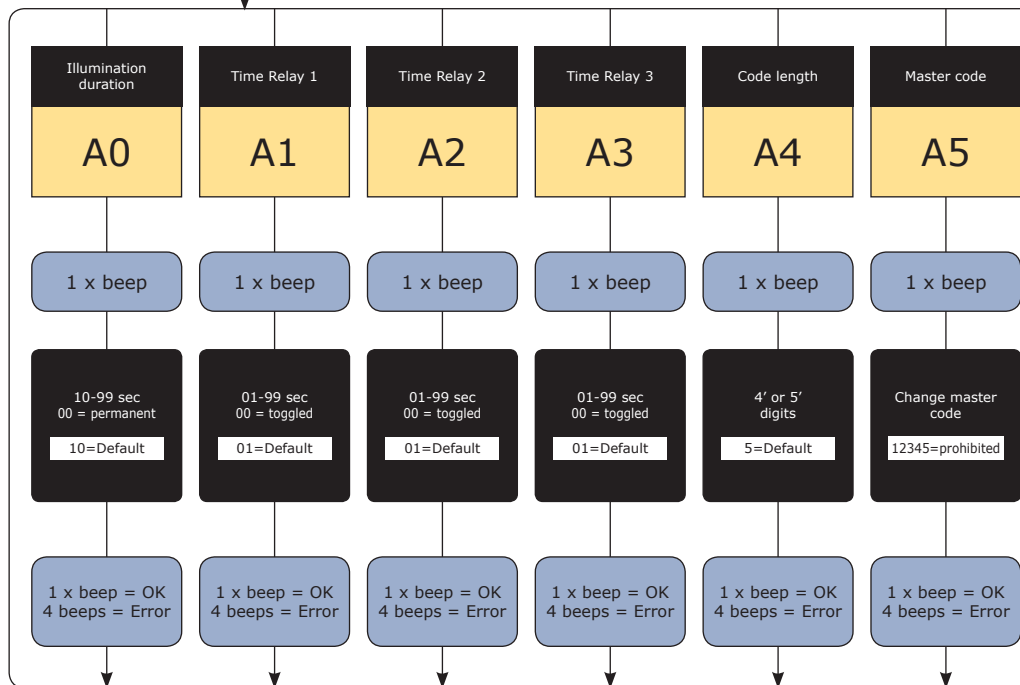
6] PROGRAMMING CHART



Enter Master code twice

2 x beeps

Find the additional informations page 7.



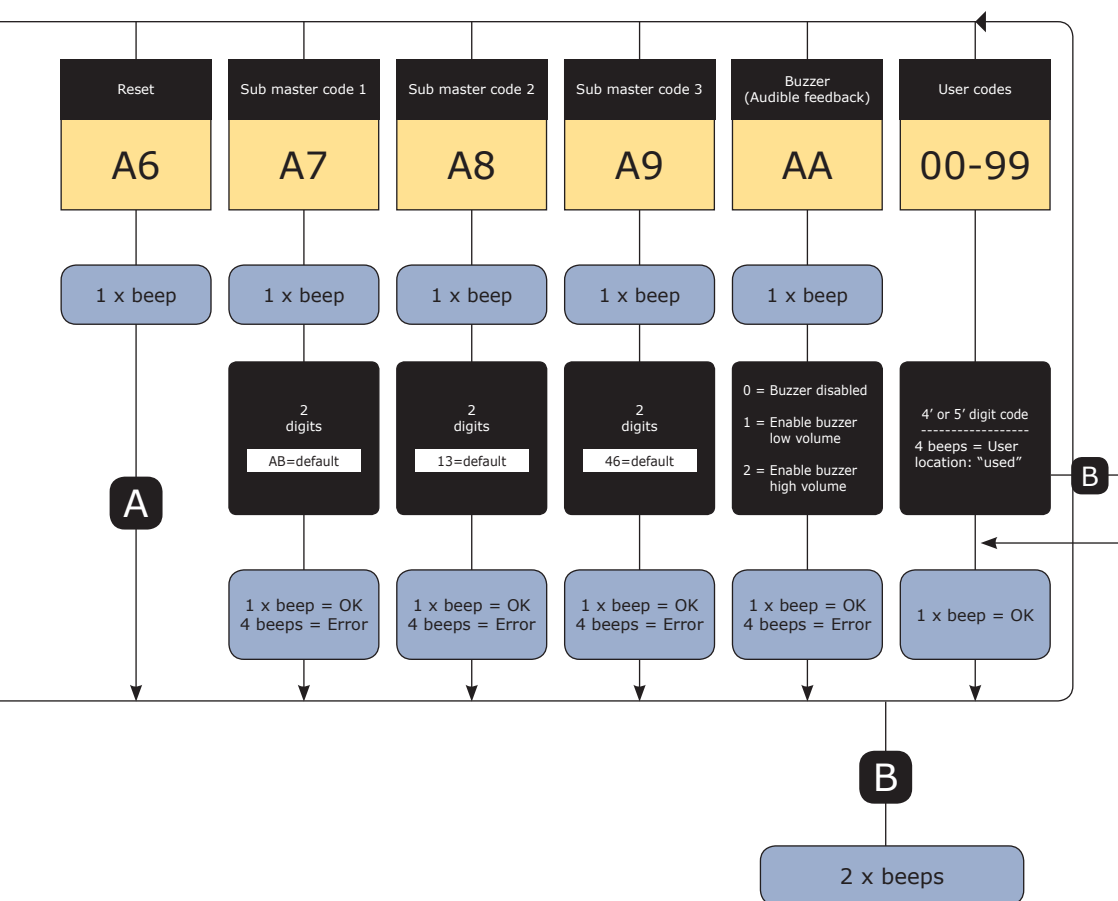
REMINDER

GALEO Relays 3 (3 outputs)

Relay 1 : From 00 to 59,
Relay 2 : From 60 to 79,
Relay 3 : From 80 to 99.

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7] PROGRAMMING

A. FIRST USE OR AFTER RESET

1. Power up the system

On the remote electronics:

- Green LED lights on
- Then the Red LED lights on
- Then the Red and Green LED flash

On the keypad:

- 1 beep is emitted
- The keypad lights on and flashes

2. Enter a new code twice for the master code (only 5 terms).

The 12345 code is forbidden in master code.

- The keypad stop flashing
- After the first entry of the master code, the keypad flashes 1 time
- Enter the second entry of the master code
- If both entry of the master code are the same, 2 beeps are emitted.
Otherwise, wait until the keypad flashes again to enter the new master code twice (about 10 seconds)

- Entry in programming mode

3. Configure the system with the programming chart

- Press B to exit from programming mode

B. RESET MEMORY

1. Cut off the power and put the jumper on P1.

- Refer to page 13 for the jumper P1 on the remote electronics

2. Put the power back :

On the remote electronics:

- Red LED lights on during reset
- After the reset, Red and Green LEDs still flashing while waiting new master code

On the Keypad:

- 6 short beeps are emitted during reset and at the end 1 long beep is emitted
- The keypad still flashing while waiting new master code

3. Pull out the jumper on P1

- Master code and user codes are cleared and set to default value

4. Start again from part A

GALEO 4.0 Bluetooth*Weatherproof Illuminated Keypad with remote electronics***C. RESET MASTER CODE**

On stand-by operating mode, put a jumper on P1. Wait until the keypad flashes to enter new master code.

On the remote electronics:

- Red LED lights on during the reset of the master code
- Then Green LED lights on

On the keypad:

- 3 short beeps are emitting during the reset of the master code and after that 1 long beep is emitted

- The keypad flashes while waiting the entry of a new master code

D. CHANGING THE CODE BY A USER

To authorize a user to modify its own user code, put a jumper on P2 (to disable the feature, remove the jumper)

1. Enter the current user code

- The relay is activated and a beep is emitted

2. Enter the 2 digits sub master code

- Relay 1, default sub master code: A and B
- Relay 2, default sub master code: 1 and 3
- Relay 3, default sub master code: 4 and 6
- A beep is emitted to authorize the modification

3. Enter the new user code

- 2 beeps are emitted to confirm the new code

4. Check the new user code to be sure of the modification

[illegible]

Please use the following table to associate user locations to user pin codes when programming

User	Code	Name
00		
01		
02		
03		
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User	Code	Name
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User	Code	Name
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