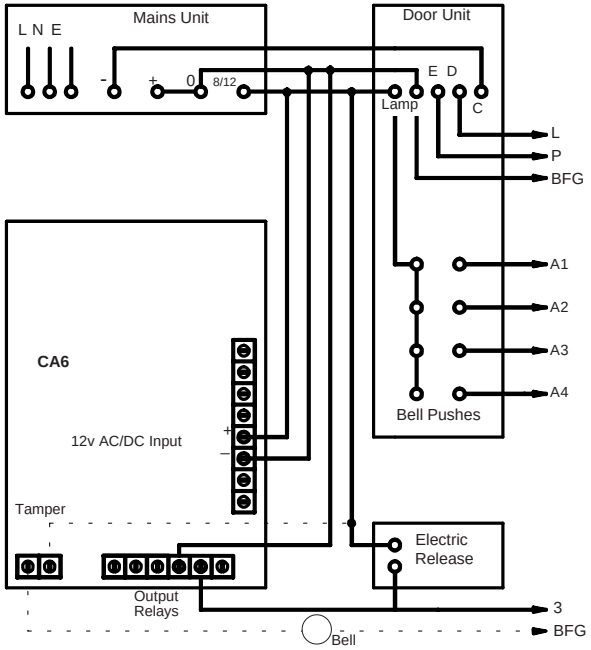
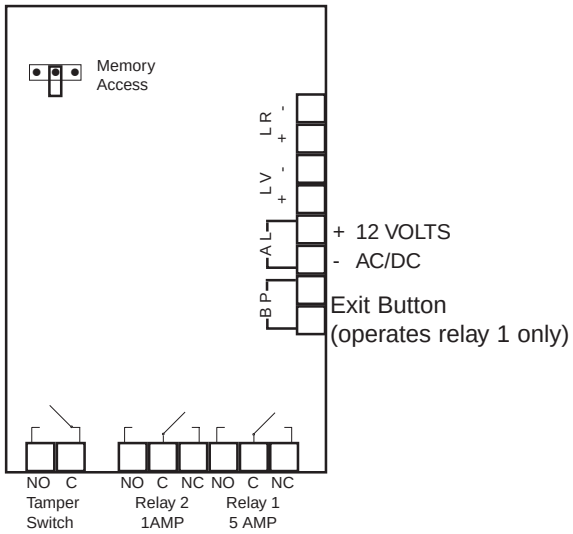


The CA6 shown above connected with Entryphone® plan 1. The tamper connections are optional. The second relay is shown not used.



Layout of connector blocks on CA6

Dimensions (mm)

	Height	Width	Depth
Surface	216	89	25
Flush	216	89	25

Technical Features

Input Supply	12/24 V AC or DC
Power Consumption	7mA min. / 250mA max
Temperature	-20°C to + 50°C
1 Programmer's Code	To access the memory in order to programme the unit
9 Access Codes	Each one operates either or both relays
2 Relays	Changeover contacts 5Amp (relay 1). and 1Amp (relay 2)
Security	After 8 incorrect codes, the keypad emits beeps for 30 seconds (dissuasive effect)
Memory	Non-volatile memory in case of power failure
Led and beep	For confidence.
Lighting	Keypad lighting comes on whenever a key is pressed

Memory Access

To get into programming mode without the master code do the following:

1. Disconnect the power from the unit
2. Move the memory access jumper to •▭
3. Reconnect the power
4 Move the memory access jumper to its original position▯•

The unit will now be in programming mode.

The Entryphone Co. Ltd.
23 Granville Road, London SW18 5SD
Tel: 020-8870 8635
Fax: 020-8874 0066

CA6 DL-2.p65

Entryphone Coded Access

CA6

Description

The CA6 coded access system gives an extra dimension to an Entryphone® system providing additional features that enhance convenience and security.

While visitors can be admitted in the usual way using the Entryphone® system, the problem arises when authorised personnel need to gain access. The usual method to allow entry for an authorised person is to issue them with a key; however, this can cause problems if a key is lost or stolen or the individual is no longer authorised. Changing the lock and re-issuing keys can be expensive and inconvenient.

The coded access system solves these problems. By simply entering the correct 1-8 digit code authorised personnel can gain access. No keys are necessary and the code number and the release operate time can be changed at any time quickly and easily by the use of the master code.

Power failure

The CA6 has a non-volatile memory and does not lose its programme in the event of power failure.

Construction

A stainless steel face plate with polycarbonate rear illuminated numbered buttons provides a robust neat surface unit . The unit is secured using hex-key screws and a micro switch mounted on the reverse can be used as an anti-tamper switch.

Stand alone unit

The CA6 can either be fitted solely as a coded access system or fitted with an Entryphone system. Where it is fitted alone it requires a 12v AC or DC power supply with a 1 amp output to drive both the CA6 circuits and the electric release. The Entryphone DA97 is suitable. The CA6 has a built in regulator and rectifier circuitry.
Where the CA6 is fitted with an Entryphone® the unit may be powered from the same supply as the Entryphone® system, ensuring that a dedicated supply is run directly from the mains unit to the CA6. If the mains unit is more than ten metres from the CA6 it is advisable to provide it with a separate power supply.

Operation

In its normal mode the CA6 unit will accept up to nine 1-8 digit codes which, when correctly entered, followed by **A** will operate one or two relays for a pre-selected time.

Programming

The CA6 is programmed by the user entering a master code which puts the unit into programming mode. In programming mode the user can change the access codes, which code operates which release, the length of time the release operates from either relay and the master code itself.

The unit leaves the factory set with a master code of 000.

To get into programming mode

Press **0,0,0** (or the programmed master code) followed by **B.** The amber LED on the panel will illuminate continuously showing that you are in programming mode. If no action is taken to programme the unit it will revert to normal mode after about 60 seconds from the last key press.

To change the master code

In programming mode press **000** followed by the new code 1-8 digits then Press **A** (the amber LED on the panel will flash twice if the code has been accepted or several times to indicate an error)
(To leave programming mode press **B**)

To programme access codes

The CA6 has nine possible programmed numbers. To set or change these:

In programming mode, press **001** for the first code, **002** for the second code, **003** for the third etc. (up till 009) *followed by* the new code (1-8 digits) *followed by* **A** to validate (the amber LED on the panel will flash twice if the code has been accepted or several times to indicate an error).
(To leave programming mode press B)

Example

To make code 1 '12345'

In programming mode

Enter 001 *followed by 12345 followed by A*

(To leave programming mode press B)

To delete access codes

In programming mode, press **9** followed by the memory position to be deleted (01-09) followed by A (To leave programming mode press B)

Example

To delete code 5

In programming mode

Enter 9 *followed by 05 followed by A*

(To leave programming mode press B)

To change code/relay output options

Although we set the unit so the first code operates relay 1 and the second code operates relay 2 it is possible to set any of the 9 codes to operate either relay or both.

In programming mode, press **3** *followed by* the memory **(01-09)** for which you want to specify which relay it operates, *followed by* **1** if you want relay 1 to operate *or* **2** if you want relay 2 to operate *or* **1 2** if you want both relays to operate *followed by* **A** to validate (the amber LED on the panel will flash twice if the code has been accepted or several times to indicate an error).
(To leave programming mode press B)

Example

To make code 5 operate relay 2

In programming mode

Enter 3 *followed by 05 followed by 2*

followed by A

(To leave programming mode press B)

To change relay output times

In programming mode press **1** to change the output time of the first relay *or* **2** to change the output time of the second relay *followed by* the release time in seconds (01-99) *followed by* **A** to validate (the amber LED on the panel will flash twice if the code has been accepted or several times to indicate an error).

Note if you enter the release time required as 00, entering a correct code will cause the relay to switch over permanently until the code is entered again when it will switch back.

(To leave programming mode press B)

Example

To make relay 2's operating output time 10 seconds

In programming mode

Enter 2 *followed by 10 followed by A*

(To leave programming mode press B)

Make a note of the programming setup below and keep this in a safe place. Default programming is shown feint.

Memory	Code	Relay
1	123	1
2	456	2
3		
4		
5		
6		
7		
8		
9		
Master	000	

Relay	Time
1	02
2	02