

Coded Access

CA4

- Two 1-8 digit codes
- Non volatile memory
- Surface or flush fitting
- Variable output times
- Tamper proof fixings



Description

The CA4 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 CA4 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 unit that can be mounted flush or fitted surface. 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 CA4 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 CA4 circuits and the electric release. The Entryphone DA2H is suitable. The CA4 has a built in regulator and rectifier circuitry.

Where the CA4 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 CA4. If the mains unit is more than ten metres from the CA4 it is advisable to provide it with a separate power supply.

Operation

In its normal mode the CA4 unit will accept either of two 1-8 digit codes which, when correctly entered, followed by **A** will operate one of two relays for a pre-selected time.

Programming

The CA4 is easily programmed by the user entering a master code which puts the unit into programming mode. In programming mode the user can change both access codes, the length of time the relays operate 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 L.E.D. 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 30 seconds from the last key press.

To set or change the access codes

In programming mode press **1** for the first code or **2** for the second code followed by the new code 1-8 digits
Press **A** (the L.E.D. on the panel will flash once if the code has been accepted or several times to indicate an error)
(To leave programming mode press **B**)

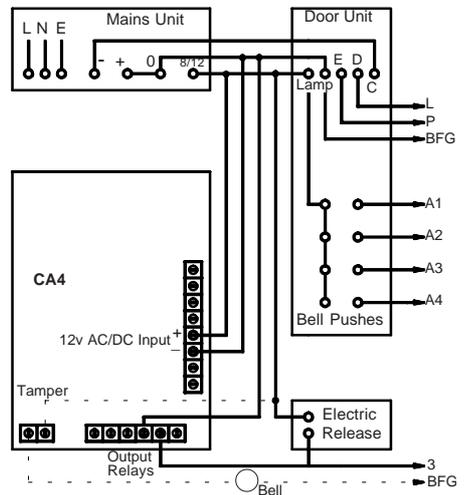
To set the release operating time

In programming mode press **3** to change the output time of the first code or **4** to change the output time of the second code followed by the release time in seconds 01-99
Press **A** (the LED on the panel will flash once if the code has been accepted or several times to indicate an error)
(To leave programming mode press **B**)

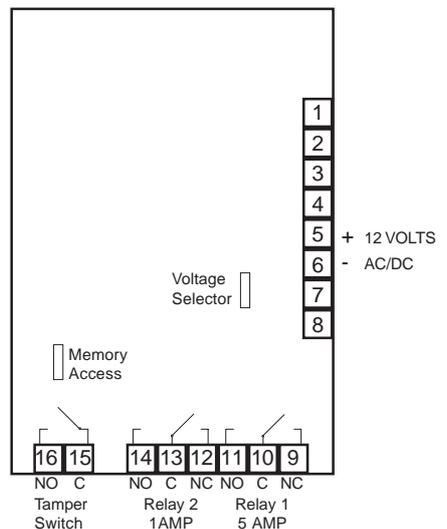
To change the master code

In programming mode press **0** followed by the new code 1-8 digits then Press **A** (the LED on the panel will flash once if the code has been accepted or several times to indicate an error)
(To leave programming mode press **B**)

Connections



The CA4 shown above connected with Entryphone® plan 1. The tamper connections are optional. The second relay is shown not used.



Layout of connector blocks on CA4

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
2 Codes	Each one operates a relay
2 Relays	Changeover contacts 1Amp. and 5Amp.
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 Lighting	For confidence. Keypad lighting comes on whenever a key is pressed



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