

The CA7 shown above connected with Entryphone® plan 1. Only Relay 1 is shown used.

### Dimensions (mm)

	Height	Width	Depth
Surface	216	89	25
Flush	216	89	25

### Technical Features

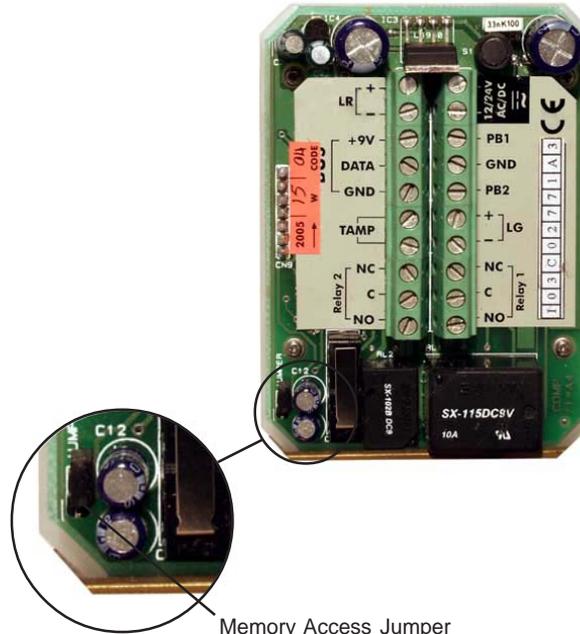
<b>Input Supply</b>	12/24 V AC or DC
<b>Power Consumption</b>	7mA min. / 250mA max
<b>Temperature</b>	-20°C to + 50°C
<b>1 Programmer's Code</b>	To access the memory in order to programme the unit
<b>99 Access Codes</b>	Each one operates either or both relays
<b>2 Relays</b>	Changeover contacts 5Amp (relay 1), and 1Amp ( relay 2)
<b>Security</b>	After 8 incorrect codes, the keypad emits beeps for 30 seconds (dissuasive effect)
<b>Memory</b>	Non-volatile memory in case of power failure
<b>Led and beep</b>	For confidence.
<b>Lighting</b>	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.



## Entryphone Coded Access

### CA7



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## Description

The CA7 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.

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## Power failure

The CA7 has a non-volatile memory and does not lose its programme in the event of power failure.

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## 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.

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## Stand alone unit

The CA7 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 CA7 circuits and the electric release. The Entryphone DA97 is suitable. The CA7 has a built in regulator and rectifier circuitry.

Where the CA7 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 CA7. If the mains unit is more than ten metres from the CA7 it is advisable to provide it with a separate power supply.

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## Operation

In its normal mode the CA7 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.

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## Programming

The CA7 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 CA7 has ninety-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 099) *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 (01-99) 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 (**01-99**) 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 on the sheet provided and keep it in a safe place. Default programming is shown feint.

Entryphone CA7 Coded Access programming set up sheet. Please complete and keep with the programming instructions in a safe place. Please note the factory defaults are indicated in feint text.

Name	Memory	Code	R1	R2	Name	Memory	Code	R1	R2
Master	Master	000	NA	NA		50			
	1	123	✓			51			
	2	456		✓		52			
	3	789	✓	✓		53			
	4					54			
	5					55			
	6					56			
	7					57			
	8					58			
	9					59			
	10					60			
	11					61			
	12					62			
	13					63			
	14					64			
	15					65			
	16					66			
	17					67			
	18					68			
	19					69			
	20					70			
	21					71			
	22					72			
	23					73			
	24					74			
	25					75			
	26					76			
	27					77			
	28					78			
	29					79			
	30					80			
	31					81			
	32					82			
	33					83			
	34					84			
	35					85			
	36					86			
	37					87			
	38					88			
	39					89			
	40					90			
	41					91			
	42					92			
	43					93			
	44					94			
	45					95			
	46					96			
	47					97			
	48					98			
	49					99			