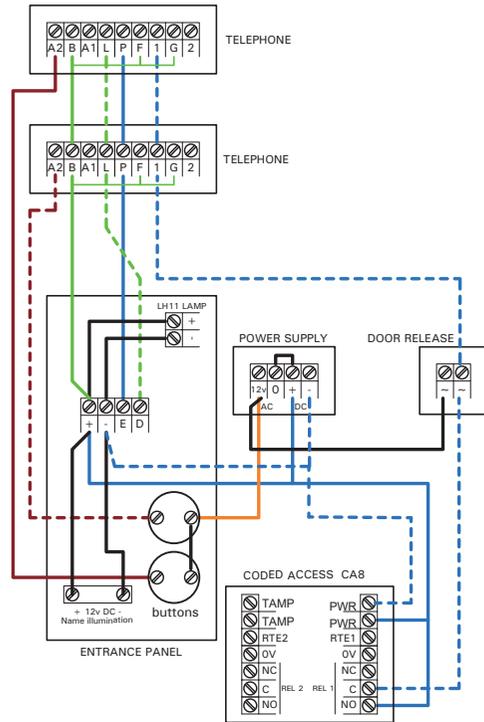
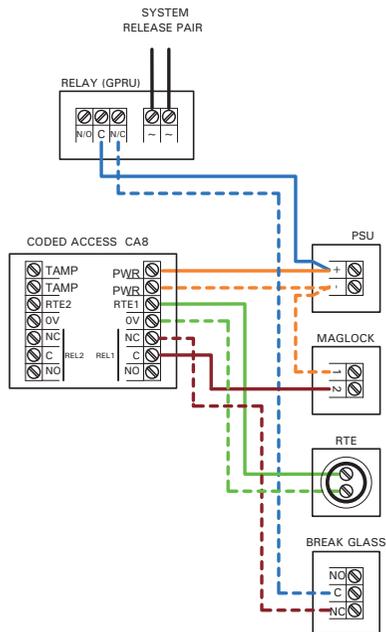


Connection examples

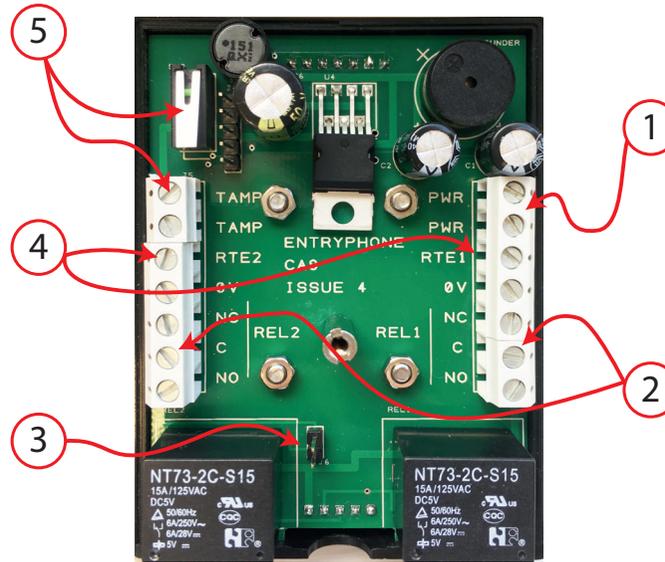


Example connection showing CA8 with Entryphone audio system



Example connection showing CA8 with maglock

Connection notes



- 1. Connection to power**
 Connect 12-24V AC or DC (polarity insensitive)
- 2. Relay volt-free switch contacts**
 Max switching current 6amp at 28V
 NC (normally closed)
 C (common)
 NO (normally open).
- 3. Master code by-pass pins**
 Short pins together for more than 2 seconds to enter programming mode without using the master code
- 4. RTE (request-to-exit)**
 Connect switch between RTE and 0V
- 5. Tamper contacts and micro-switch.**
 The micro-switch contacts on board close when the back plate is in place. The contact terminals can be used to trigger an alarm. Rating 6V DC @ 0.1 A.
Note: there is no alarm circuitry on the CA8.

Entryphone CA8 Coded Access Unit



Programming instructions and connection guide

The Entryphone Co Ltd
 entryphone.co.uk
 020 8870 8635

The Entryphone CA8 is a coded access unit that can be supplied as a stand-alone unit or incorporated, to special order, into an Entryphone entrance unit.

Features include:

- 1-8 digit access codes
 - Master code to programme the unit
 - Up to 32 access codes, each operating either or both relays
 - Two 6 amp relays with change-over contacts
 - Anti-hack 30 second lock-out after 5 incorrect codes
 - Non-volatile memory in case of power failure
 - Confidence LED and beep (selectable)
 - Back-lit keypad
 - Relay output times 1-20 seconds and toggle mode
 - Tamper-switch
-
- Input Supply 12/24 V AC or DC
 - Power Consumption 7mA min. / 250mA max
 - Operating temperature -20°C to + 50°C

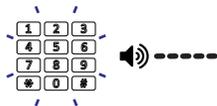
Unit operation:

A user operates the unit by entering a valid programmed code followed by the star key. Depending on the set up for that code the unit will operate either or both the relays for the length of time set for that output. Refer to the programming instructions to set the parameters.



Error:

If you key a wrong code, the unit will flash and beep five times.



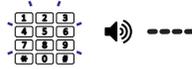
Five invalid entries will cause the keypad to flash and for the unit to stop accepting further attempts for 30 seconds.

Programming Instructions

To **enter** programming mode (default master code 0000):
 press LED status Sound

To **leave** programming mode:
 press LED status Sound

Error code: If at any time you make an error the unit will flash and beep 5 times. If this happens the unit will return to the start and expect you to re-key the sequence.



To change the unit settings **you must be in programming mode**. The yellow LED indicates the unit is in programming mode; if it is not on you cannot change any settings.

To **change the master code**, for example to 8951 (up to 8 digits allowed)
 press LED status Sound
repeat to confirm LED status Sound

To **add code to relay 1**, for example to 5623 (up to 8 digits allowed)
 press LED status Sound
repeat to confirm LED status Sound

To **add code to relay 2**, for example to 4455 (up to 8 digits allowed)
 press LED status Sound
repeat to confirm LED status Sound

To **add code to both relay 1 and 2**, for example to 2589 (up to 8 digits allowed)
 press LED status Sound
repeat to confirm LED status Sound

To **delete a code**, for example to 5623
 press LED status Sound
repeat to confirm LED status Sound

To **change relay 1 time**, for example to 4 seconds (range 0-20, 0=toggle mode)
 press LED status Sound

To **change relay 2 time**, for example to 12 seconds (range 0-20, 0=toggle mode)
 press LED status Sound

To **turn keypad tones off**
 press LED status Sound

To **return unit to factory defaults** (be careful, all codes will be deleted)
 press LED status Sound
repeat to confirm LED status Sound

To **leave** programming mode press
 press LED status Sound

Programming record list

Please complete and keep in a safe place. Please remember to change the master code from its default of 0000.

No.	Name	Code	R1	R2
M	Master	0000		
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
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