

## Technical Specification

### UNIT

<b>PRIMARY POWER SOURCE</b>	230VAC +15% -10% 50-60 Hz
<b>PRIMARY BACKUP</b>	PP3 9VDC
<b>POWER CONSUMPTION</b>	20 mA MAX ( at 230VAC)
<b>AUXILIARY RELAY OUTPUT</b>	0.5A 125VAC/ 1A 30VDC (Volt free NO/NC Relay)
<b>DIMENSIONS</b>	146L x 86W (all mm) (Fits standard 28mm double gang box)
<b>WEIGHT</b>	210 (grams)

following parts are To be used only as part of the C4A System.

### CORD

<b>INDICATION</b>	Single Bright RED LED
<b>LENGTH OF PULL CORD</b>	3m (Including red triangles)
<b>POWER CONSUMPTION</b>	10 mA MAX ( at 10 VDC)
<b>DIMENSIONS</b>	86L x 86W (all mm) (Fits standard 28mm single gang box)

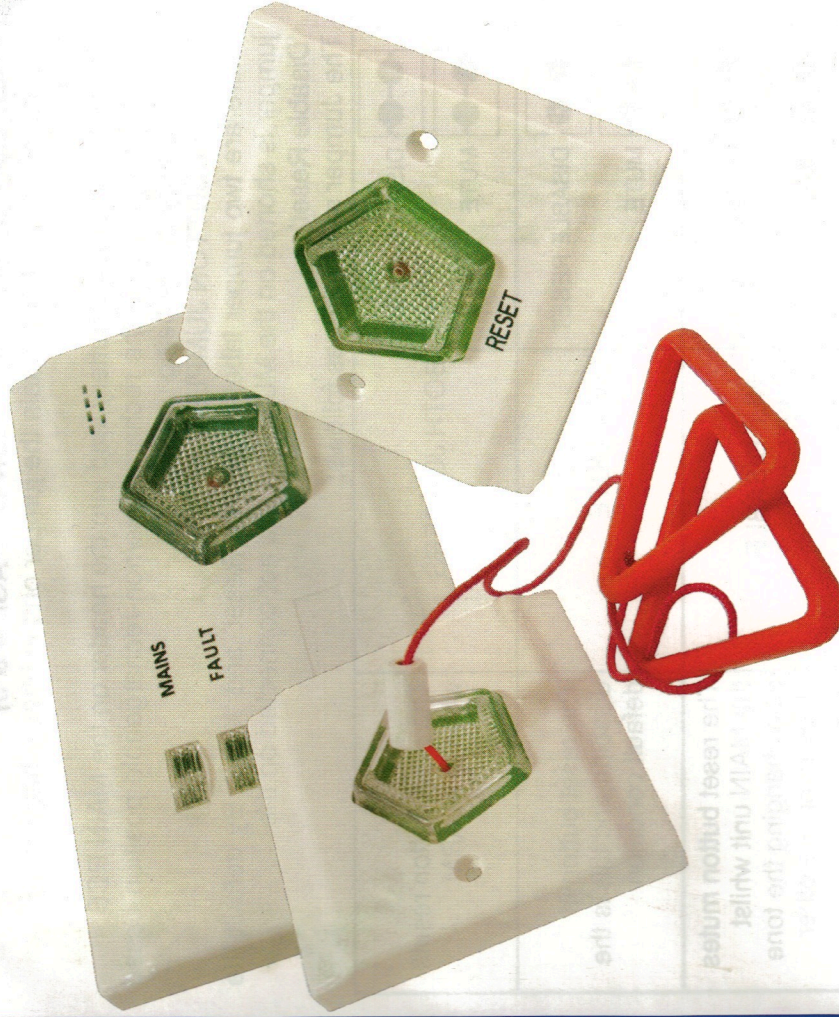
### PIEZO

<b>INDICATION</b>	Single Bright RED LED
<b>PIEZO</b>	Piezo type (>70dB)
<b>POWER CONSUMPTION</b>	20 mA MAX ( at 10 VDC)
<b>DIMENSIONS</b>	86L x 86W (all mm) (Fits standard 28mm single gang box)

### OPTIONAL OVER DOOR INDICATOR

<b>INDICATION</b>	Dual Bright RED LEDs
<b>PIEZO</b>	Piezo type (>90 dB)
<b>POWER CONSUMPTION</b>	25 mA MAX ( at 10 VDC)
<b>DIMENSIONS</b>	86L x 86W (all mm) (Fits standard 28mm single gang box)

## Call for Assistance (C4A) Kit Instructions



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## Installation Instructions

### SEPARATION (ILLUSTRATION ON PAGE 4 & 5)

battery is not fitted, retain the jumper on the battery header. otherwise;

connect the supplied battery lead into the header on the MAIN PCB where the jumper is the rechargeable/non-rechargeable position based on the battery that is being used.

### RESET BUTTON JUMPERS

There are two jumper labeled 'Disable Reset' and 'Mute'. By default the jumper is shorted on the MUTE pin and not connected on the 'Disable Reset'.

Jumper setting are as follows;

<input checked="" type="checkbox"/> DISABLE RESET <input checked="" type="checkbox"/> MUTE	BOTH JUMPERS	The reset button resets when in ALARM
<input type="checkbox"/> DISABLE RESET <input checked="" type="checkbox"/> MUTE	ONLY MUTE	The reset button is disabled and this is the default condition
<input type="checkbox"/> DISABLE RESET <input type="checkbox"/> MUTE	ONLY DISABLE RESET	The reset button mutes the MAIN unit whilst also changing the tone of alarm on the other units.

### START UP

When powering up, the MAIN unit will glow **GREEN** to show that AC is powering the system.

A fault LED or beeping should be present if all connections and settings are correct.

### TRIGGERING THE ALARM

The pull cord when pulled downwards will trigger the system into alarm. A delay is featured to reduce accidental alarms.

### TESTING THE REMOTE RESET

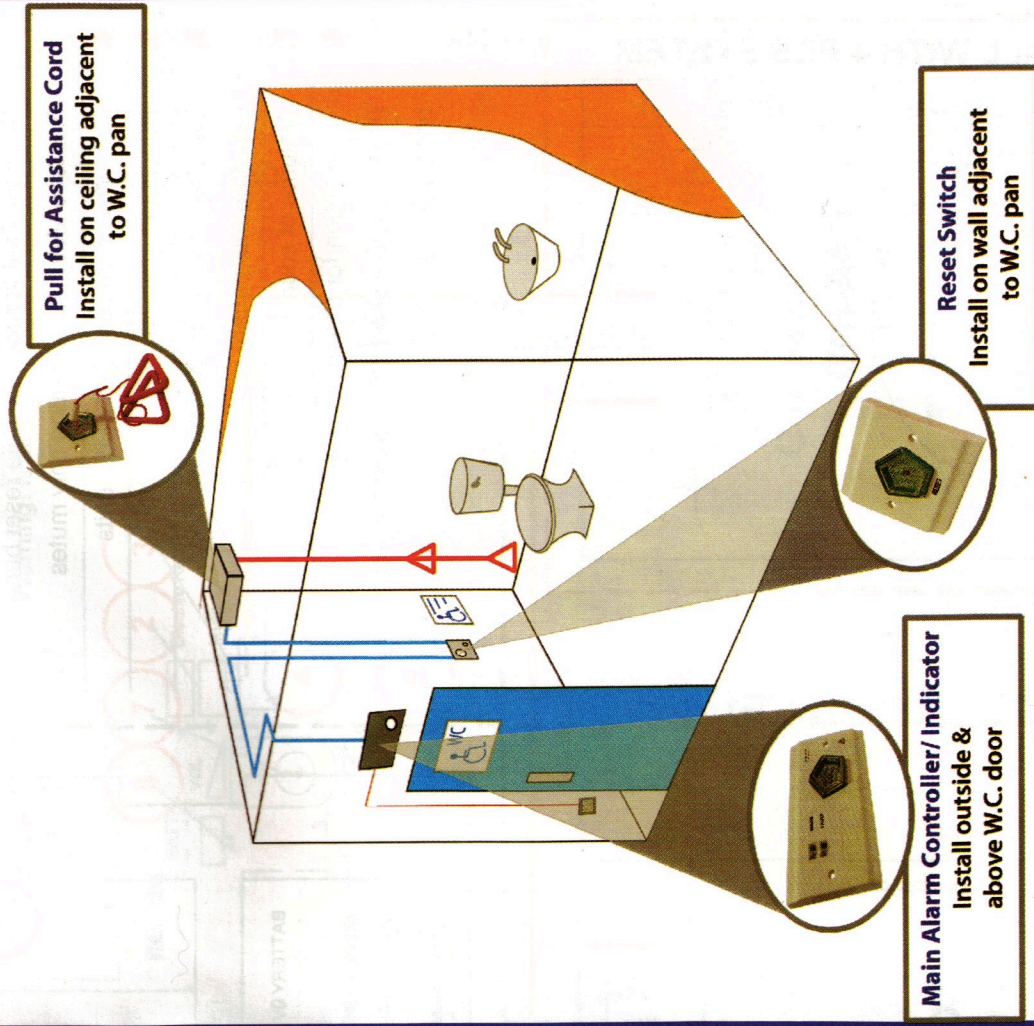
The unit will reset the active Alarm on all units.

### ALARM CONDITIONS

ALARM fail - No MAINS LED, intermittent beeping  
 Short circuit - FAULT LED ON, fast beeping tone  
 Weak Battery- Fault LED ON, slow beeping tone

## C4A-3 - Call for Assistance Installation Diagram

### 3 Piece Installation



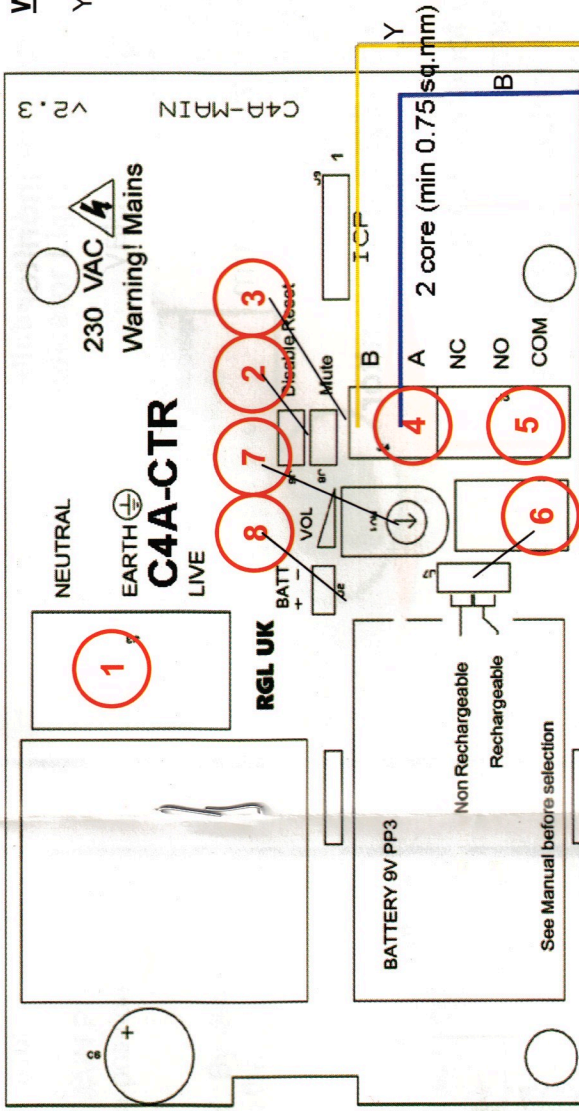


# Wiring Diagram

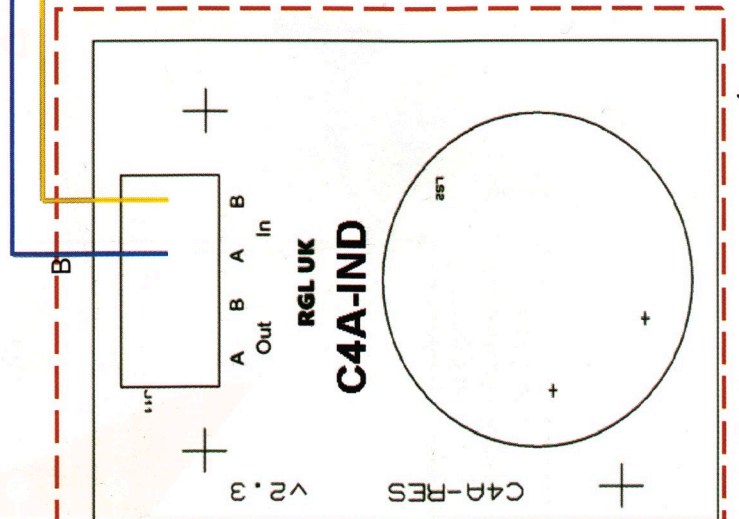
- Mains input from 3A fused spur
- Reset button mode selection
- Default: Both jumpers on
- Remove disable reset: Disable reset button
- Remove Mute: Reset button only mutes
- Two wire connection to satellite units
- Relay driving alarm
- Battery setting for rechargeable or non-rechargeable battery
- Volume of sounder
- Connection for battery  
(Note—Please short with jumpers when no battery fitted)

**WIRING KEY**  
 B = BLUE  
 Y = YELLOW

**INSTALL OUTSIDE TOILET**



**INSTALL INSIDE TOILET**





## Remote Monitoring Options

### **A—10 Zone remote monitor**

Features:  
• Light **RED** 7 segment display  
• zone display range  
• emergency battery backup  
• indicator and indicator for alarm  
• integral volt free RELAY

### **A—Multi-zone LED panel monitor**

Features:  
• Individual LED for each zone  
• indicator for alarm  
• TEST button to disable local sounder  
• custom-built for different number of zones  
• separate power supply with battery back up

### **A—Networking module**

Features:  
• enables networking for C4A MAIN  
• rotary switched for address selection from 00 to 99  
• i-collision bus topology  
• simple 2-wire networking bus for low cost wiring  
• 1M data transfer range

## C4A-4 - Call for Assistance Installation Diagram

### Installation with Optional Remote Indicator Light and Sounder

