

Technical Specification

MAIN UNIT

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

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

PULL CORD

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

RESET

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

OPTIONAL OVER DOOR INDICATOR

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



Call for Assistance (C4A) Kit Instructions



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Installation Instructions

PREPARATION (ILLUSTRATION ON PAGE 4 & 5)

1. If battery is not fitted, retain the jumper on the battery header.

Otherwise;







Connect the supplied battery lead into the header on the MAIN PCB

Ensure the jumper is the rechargeable/non-rechargeable position based on the battery that is being used.

2. 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'.

The Jumper setting are as follows;

	DISABLE RESET	BOTH JUMPERS	The reset button resets when in ALARM
	MUTE		
	DISABLE RESET	ONLY MUTE	The reset button is disabled and this is the default condition
	MUTE		
	DISABLE RESET	ONLY DISABLE RESET	The reset button mutes the MAIN unit whilst also changing the tone of alarm on the other units.
	MUTE		

START UP

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

No 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.

PRESSING THE REMOTE RESET

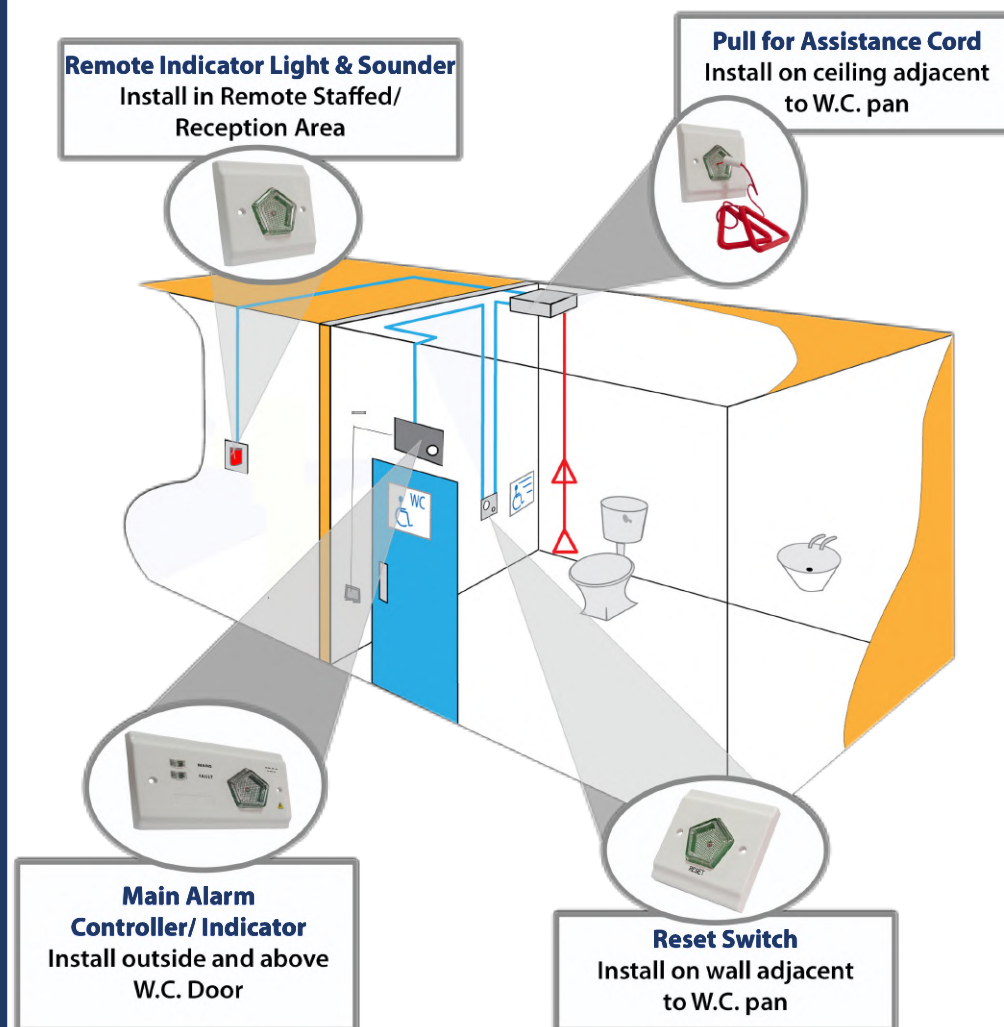
The unit will reset the active Alarm on all units.

FAULT CONDITIONS

1. MAINS fail - No MAINS LED, intermittent beep
2. Short circuit – FAULT LED ON, fast beeping tone
3. Weak Battery- Fault LED ON, slow beeping tone

C4A-4 - Call for Assistance Installation Diagram

Installation with Optional Remote Indicator Light and Sounder



Remote Monitoring Options

C4A—10 Zone remote monitor

Features:

Bright **RED** 7 segment display

10 zone display range

Emergency battery backup

Sounder and Indicator for alarm

Integral volt free RELAY

C4A—Multi-zone LED panel monitor

Features:

Individual LED for each zone

Sounder for alarm

MUTE button to disable local sounder

Custom-built for different number of zones

Separate power supply with battery back up

C4A—Networking module

Features:

Enables networking for C4A MAIN

Two rotary switched for address selection from 00 to 99

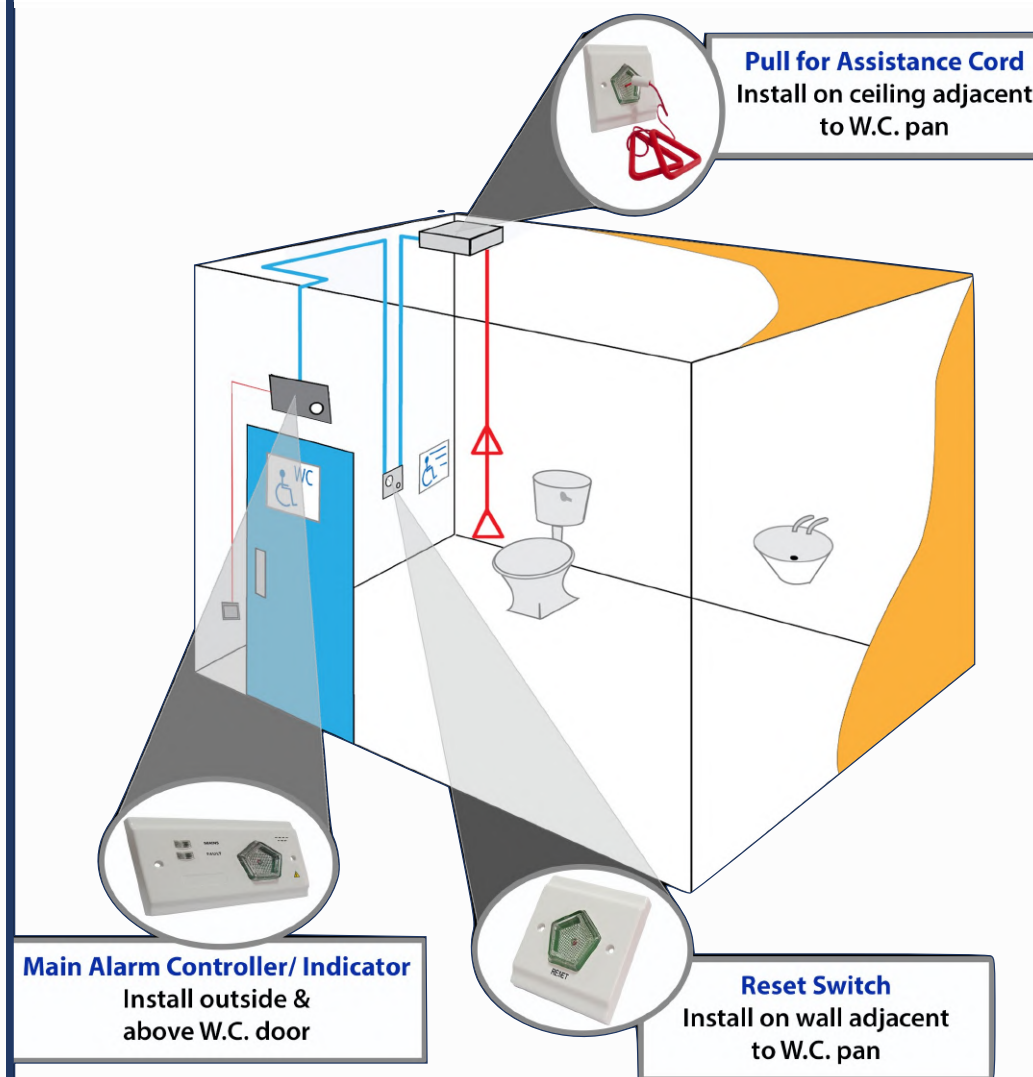
Anti-collision bus topology

Simple 2-wire networking bus for low cost wiring

1 KM data transfer range

C4A-3 - Call for Assistance Installation Diagram

3 Piece Installation



Wiring Diagram

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

