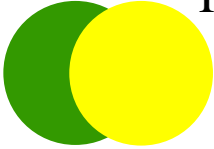


# Celsia Zone Controller — CZC1

Easy to expand to give multiple zone control.

Receiver integral in the heater control. No extras!

## Wireless Programmable Thermostat Integrated Appliance Control & Receiver



Integrated appliance control and Celsia receiver



Celsia Zone Controller  
Wireless Thermostat  
Can control multiple  
Celsia Receivers

- Wireless
- Mobile transmitter
- 7 day program
- 6 time periods per day
- Easy to use
- Simple to install and program
- Stylish design
- Integrated receiver and heater control
- Bespoke design makes your appliance unique in the market place

The Celsia Zone Controller, CZC1, is a wireless battery powered programmable thermostat that communicates with a special Celsia receiver designed to integrate in your appliance.

At Celsia Systems we will design and supply a bespoke appliance control to your exact requirements. By combining the appliance control with the Celsia receiver both material and installation costs are reduced.

Wireless connection between the thermostat and appliance means it can be installed in minutes; saving considerable on-site time and hassle.

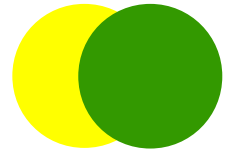
Push button control and advanced features enable the CZC1 to be configured for the heating requirements to suit any pattern of use. The system provides total flexibility with improved comfort and economy. It is versatile and reliable.

Temperature control is precise and stable, which helps reduce heat loss and lower energy costs.

Typical applications are electric panel and radiant heaters, gas and oil boilers, under floor heating, ceiling heaters and fan heaters.



Celsia Systems



## CELSIA ZONE CONTROLLER CZC1

- Suitable for domestic and commercial markets
- Use multiple CZC1s for zone control
- Each CZC1 can control any number of heaters
- Easy to expand each zone
- Wall mounted
- Operates on 2 AA alkaline batteries
- Expected battery life of 2yrs
- 433MHz operating band EU harmonized frequency (Complies to ETS 300 220)
- CE Marked
  
- 7 day programmable with up to 6 temperature changes per day
- Clock in 12 or 24 hour display
- °C or °F selectable
- Precision electronic thermostat, accurate to 1°C with a 0.1°C resolution, providing very stable temperature
- Battery low indication
- The day program can be overridden by: Holiday, Boost, Advance, Set Back or manual temperature adjust
- Temperature range 14°C to 30°C
- Frost protection at 7°C

## CELSIA RADIO RECEIVER AND APPLIANCE CONTROL

We combine the Celsia radio receiver and the heater control onto one printed circuit board that is integrated into the appliance - there are no extra parts needed.

Typical features:

- Over temperature cut-out
- Appliance surface temperature control
- Triac zero voltage switching
- Relay switching
- LED mode indicators
- User interface control
- Built in fault diagnostics

Typical transmitter-receiver range is 30m inside. You are advised to carry-out a range check on installation to ensure reliable performance.

## INSTALLATION

### REGISTERING YOUR HEATER WITH THE CZC1

You can register many heaters with a single CZC1. This can be done at despatch or by the user.

### CHOOSING A POSITION IN THE ROOM

To ensure reliable and trouble free performance the CZC1 should be positioned where its temperature will not be changed by local effects.

- Position away from windows, doors, vents
- Do not place near the heater itself or any other heat source in the room

### RANGE TEST

This is used to test the wireless connection between the CZC1 and the heater(s). It ensures that the CZC1 and receiver have error free communication.

### DIMENSIONS

- CZC1 is 133mm x 97mm x 21mm
- Receiver/control board varies depending on application.

Celsia Systems and Celsia are trading names

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At A M Bromley Limited we are committed to continual product development and improvement. The specifications of our products may therefore subject to change without notice.



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