CONSORT

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The CZC3 complies with the essential requirements of directive 1999/5/EC. A copy of the declaration of conformity can be obtained by contacting Consort.
V6 13983972

CZC3
wireless thermostat with
landlord-set program and
self setting clock

CONSORT

START HERE

Once installed, your heater is controlled by a Celsia Zone Controller, CZC3. The CZC3 is a wireless (433MHz) thermostat giving high precision room temperature control. It has a 24 hour program typically set by the landlord leaving the end user with the ability to make simple adjustments. It has Automatic Time Setting so no maintenance is needed when the clocks change. Each CZC3 can control any number of heaters.

1 *Batteries*

Remove the CZC3's battery cover and insert 2 new high quality alkaline AA batteries.

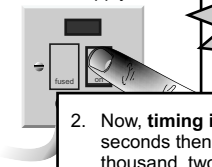
WARNING
The CZC3 manufacturer is not responsible for damage due to corrosion. Battery leakage will cause permanent damage. To help avoid this:

- Replace the batteries annually, even if there is not a low battery warning. Remove failing or flat batteries immediately.
- Always fit a pair of new high quality alkaline batteries from the same pack. Never mix new and old batteries, or batteries of different brands or types.
- Never attempt to revive alkaline batteries by heating, crushing or recharging.

You must reset the clock after replacing the batteries, but all other settings are unaffected.

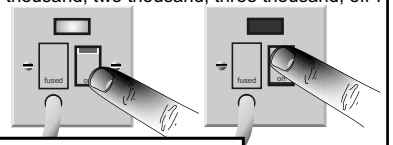
2 *You **must** make a wireless connection between your heater and your CZC3*

1. Switch your heater's mains supply off.

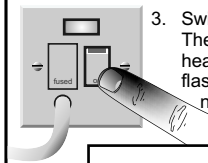


If you don't do this the heater is not going to work

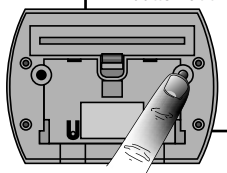
2. Now, **timing is critical**: switch it on for three seconds then off again. You can say, "On, one thousand, two thousand, three thousand, off".



3. Switch it back on. The light on the heater should be flashing green; if it is not flashing restart the procedure.



4. You now have half a minute to press the button at the back of CZC3. Once pressed, the light on the heater will immediately stop flashing and possibly change to yellow or red depending on the CZC3 settings and the room temperature.



Now that it's connected you shouldn't ever have to do it again, though you may also wish to follow this procedure if you add more heaters or move your heater to another CZC3.

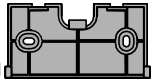
3 *Choosing a position in the room*

The CZC3 should be positioned on the wall in a place where its temperature will not be changed by local effects. Avoid:

- Draughty places near windows, doors and vents.
- Places near the heater itself or any other heat sources in the room.
- Places where the sun will shine on it.
- Places where, for example, it could be hit by a door.
- Places where it may get wet.

Before permanently fixing it, hold the CZC3 in the chosen position and use ▲ to make the power bars appear (See *User adjustment* for more details). Check that the heater turns on. If it does not, consider a different position.

4 *Fixing your CZC3 to the Wall*



Remove the wall plate from the rear of the CZC3 and mark through the screw holes on the rear (60 mm centres). Drill and plug the wall to accept No. 6 or No. 8 screws and mount the wall plate. Clip the CZC3 back onto the wall plate.

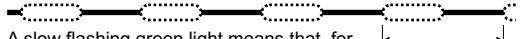
Cleaning the CZC3

Clean the CZC3 only with a soft, lint-free cloth. Avoid getting moisture on buttons or openings. Do not use spays, liquids or abrasives; doing so may damage the CZC3.

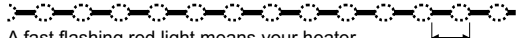
Your heater

Your heater has a control light which may be
green - when no heat is needed
yellow - when some heat is needed to maintain the room temperature
red - when the heater is on at full power

The CZC3 sends a radio signal every minute. When the heater receives the signal, the light winks off briefly and may change colour. When you switch the heater on, the light is always green until the first signal.



A slow flashing green light means that, for 5 minutes, no CZC3 radio signals have been received. Follow the steps in *START HERE* to fix this.



A fast flashing red light means your heater has overheated. Remove anything covering it. Switch power off and allow it to cool before switching it back on again.

Time and program

Here you can see the current time. PROG shows which step of the program it is currently on.

Automatic time set

When you insert the batteries the CZC3 automatically sets its clock from the MSF signal transmitted from Anthorn Radio Station in Cumbria. The CZC3 also re-synchronisers its clock at 2:05am each morning so that it stays accurate and is updated automatically after the clocks change.

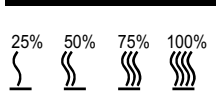
The displayed clock flashes before it is set. Digits stop flashing from left to right as the signal is successfully received until the clock is set.

If it has not succeeded after 3 minutes it stops trying but will retry each hour until the clock is set. You can force a retry by re-inserting the battery. If it does not succeed:

- Leave the CZC3 alone. Moving or handling it can interfere with the signal. The signal is stronger at night.
- Try a different location. Objects such as televisions, electric motors and fluorescent lights can interfere with the signal
- Large metal objects such as a steel-framed or reinforced concrete building, metallic window frames, pylons, scaffolding or overhead power cables can reduce the signal.
- Try rotating it. The reception quality may depend on how the CZC3's internal antenna is aligned to Anthorn.
- The MSF signal is taken off-air a few times a year for maintenance work, so try again later.

If you cannot get a signal you can always set the clock manually.

Power and transmit symbols

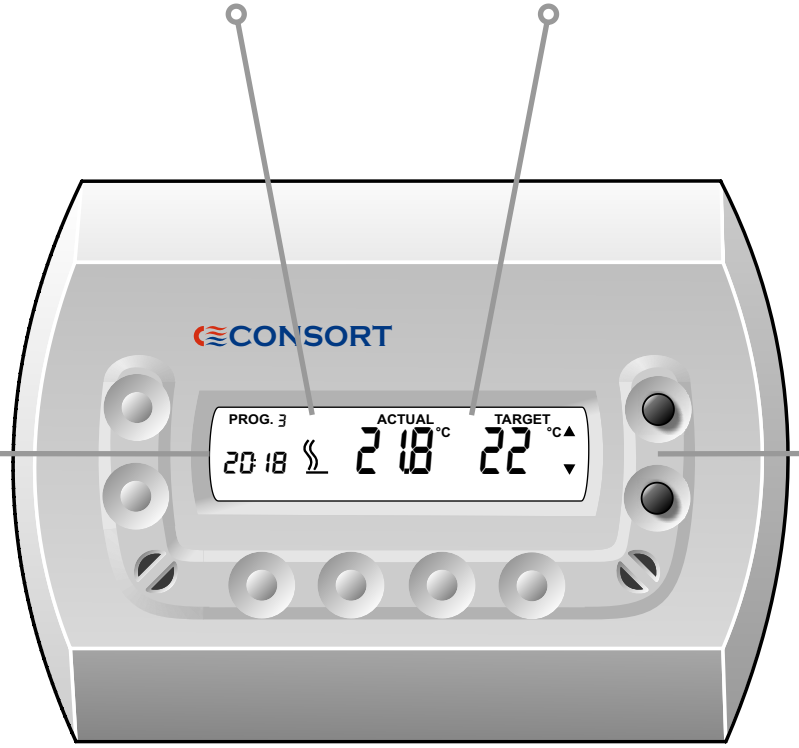


As your room reaches the target temperature, heating is reduced from 100% 4 bars to 0% no bars.

The radio transmit symbol appears whenever the CZC3 transmits to your heater. This happens about once per minute.

Actual and target temperature

Actual is a thermometer showing the room temperature. Target is the temperature you would like. It is set manually or by the program and can be -- when no heating is needed.



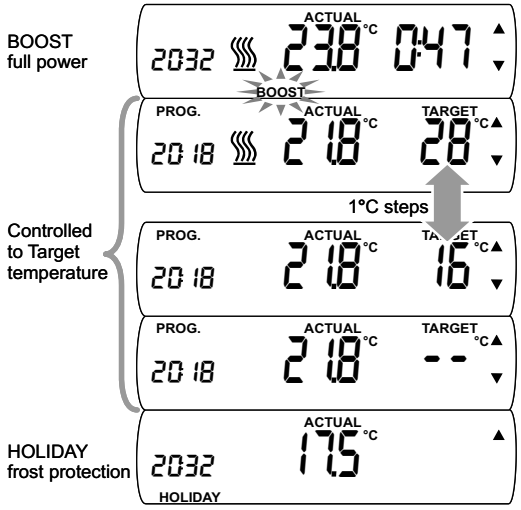
User adjustment

You can use ▲ and ▼ to alter the temperature. The effect is temporary. It reverts to program temperature on the next PROG.

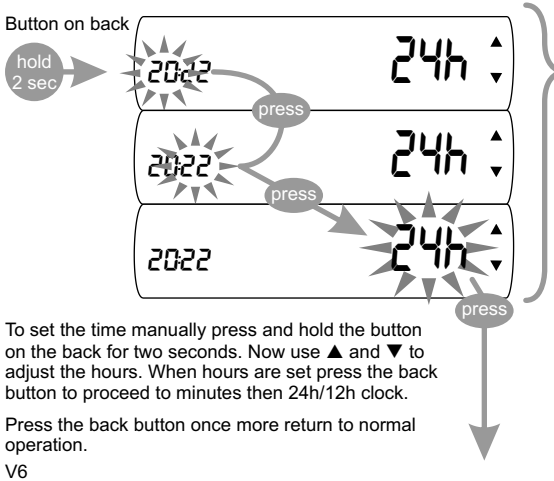
You can choose any temperature between 16°C and 28°C or -- for no heating.

Pressing ▲ from 28°C takes you to BOOST. The heating goes to full power for 1 hour pressing ▲ again will increase the BOOST time by an hour up to 4 hours. You will see the remaining minutes counting down. After the hour or when you press ▼ it reverts to the program temperature.

Pressing ▼ from -- takes you to HOLIDAY (room not occupied). Heating is controlled to 4°C (frost protection). The program is suspended until you press ▲.



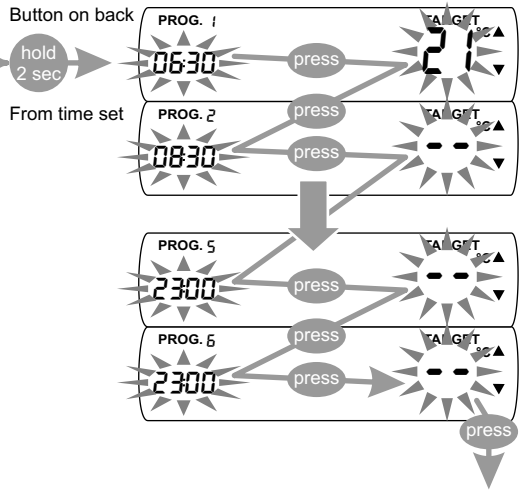
Manual time set



To set the time manually press and hold the button on the back for two seconds. Now use ▲ and ▼ to adjust the hours. When hours are set press the back button to proceed to minutes then 24h/12h clock.

Press the back button once more return to normal operation.

Altering the program



To set the program first enter *Manual Time Set* by holding the back button for 2 seconds then, after releasing it, press and hold it for a further 2 seconds.

You can now adjust PROG.1's start-time using ▲ and ▼.

Proceed to PROG.1's temperature by pressing the back button and adjust it using ▲ and ▼. Pressing the back button again takes you to the start-time then temperature of PROG.2, PROG.3, PROG.4, PROG.5 and PROG.6.

Once you have adjusted the temperature on PROG.6, press the back button once more to return to normal operation.

To ensure that the program runs in sequential order, you will find that you cannot, for example, set PROG.2's start-time to an earlier value than PROG.1's.

If you do not need all six PROGs, you set start-times to the same value. For example see PROG.4, PROG.5 of the *Factor set program*.

Factory set program

If the program has never been set on a new CZC3 it will use the factory set program:

On each day the target temperature is 21°C from 6:30am to 8:30am, then 4°C (frost protection) until 4:30pm, then it is 22°C until 11:00pm and finally 4°C until PROG.1 the next day.

PROG.1	06:30	to	08:30	21.0°C
PROG.2	08:30	to	16:30	--°C
PROG.3	16:30	to	23:00	21.0°C
PROG.4	23:00	to	23:00	--°C*
PROG.5	23:00	to	23:00	--°C*
PROG.6	23:00	to	06:30	--°C

* The factory set program only uses four of the six PROGs. PROG.4 and PROG.5 are spare. They are ignored because they are followed by a PROG with the same start-time.

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