








### REV23 Thermostats can be operated in 5 different modes:

- 1)  Auto Mode - Runs according to the times which have been programmed into REV (See Set Points) It will follow the heating periods of T<sup>\*</sup> and T<sup>C</sup>. 
- 2)  Comfort Mode/MAN will stay on T<sup>\*</sup> temp for 24 hours x 7 days or until another mode has been selected.
- 3)  Economy Mode/MAN will stay on T<sup>C</sup> temp for 24 hours x 7 days or until another mode has been selected.
- 4)  OFF/ Frost protection for Hydronic floor systems. Factory Set 5<sup>o</sup> C.
- 5)  Programmed Timed override. Unit will Run at T<sup>\*</sup> from the start of 1st time period to the end of the last time period.  (At home during the day.)



Override button selects between T<sup>\*</sup> & T<sup>C</sup> in  &  modes.



Can temporarily increase or decrease Set Point temps for T<sup>\*</sup> or T<sup>C</sup>. It will revert back to original Set Point after a change in Run Modes or a Time Period.  
- This can be used in all 5 modes. ± 4.0<sup>o</sup> C



Will control for programmed days away at T<sup>h</sup> Set temp.




Scroll Button. Selects Programming Mode. Click down on roller to get in, and roll to change time, temp. and program settings.




Press ESC to get out of Program Mode and into Run Mode or simply don't touch the scroll button for 20 seconds.


### To Program Mode:


 Set Time and day of programmer

**T** T - Set T<sup>\*</sup> T<sup>C</sup> Temp. T<sup>h</sup>


 Set time for ON/OFF in the Auto Mode.

 1 time period. e.g. ON 0730 OFF 1630.

 2 time periods. e.g. ON 0730 OFF 0930, ON 15.30 OFF 20.30.

 3 time periods. e.g. ON 0600 OFF 0800, ON 1100 OFF 1300, ON 1700 OFF 2200.

Temperatures for T<sup>\*</sup> are also set in this setting.

T<sup>C</sup> Temp will be on when Time Periods are off. Setting can be seen on 24hr clock at bottom of screen. 



Holiday Mode - SET No. # of days you will be gone and T<sup>h</sup> temp. while away.

## To Program



1-7

Time/Day of the week (must be done)

Click roller down, scroll roller until "☉" starts to flash.

Click roller down, scroll roller to set hours. e.g. 13

Click roller down, scroll roller to set minutes. e.g. 15

Click roller down, ▲ will be flashing, scroll to put correct day. e.g. 1 Monday 2 Tue, etc.

Press escape time and day are now set.

T

Program T\* ,T<sub>C</sub> and T<sub>U</sub> temperatures.

Click roller down, scroll roller till "T" starts to flash.

Click roller down, scroll roller till "T\* : starts to flash.

Click roller down, scroll roller to set T\* temp. e.g. 19 °C.

Click Roller down and repeat steps to adjust other temp.

Factory settings are T\* 19°C T<sub>C</sub> 17°C and T<sub>U</sub> 5 °C.



Program time periods to run in Auto.

Click roller down, scroll roller until "□□□" starts to flash.

Click roller down, "▲▲▲▲▲▲▲" starts to flash (This is setting time period from Monday to Sunday), or scroll roller to select "▲▲▲▲▲" Monday - Friday "▲▲" Saturday - Sunday or "▲" individual days.

Click roller down, "□□□□□□□□" will appear, scroll roller to select number of time periods you wish to have. e.g. 2 "□□□." Click roller down. The indication for "TIME ON" will flash at the bottom of screen "■".

Click roller, scroll to adjust TIME ON. e.g. 0600 hrs.

Click roller, scroll to adjust TIME OFF. e.g. 0800 hrs.

Click roller, scroll to adjust T\* for that time period. e.g. 19 °C.

Click roller and time indication will flash at bottom of screen for 2 nd time period to start.

Click roller, scroll to adjust ON time, e.g. 1700 hrs.

Click roller, scroll to adjust OFF time, e.g. 2200 hrs.

Click roller, scroll to adjust T\* temp. for that time period. e.g. 20 °C.

Press escape to get out of the program mode.



To set holiday mode.

Click roller, scroll roller till "T☐" starts to flash.

Click roller, "▲" starts to flash. Scroll to adjust to which day you wish to go on holiday. e.g. 5 Friday

Click roller, "■" will start to flash,

Scroll roller to adjust number of days away. e.g. 2 days

Click roller, "T☐" will now flash, adjust for temp. to be set while away. e.g. 10 °C.

Press escape to return to Run Mode.

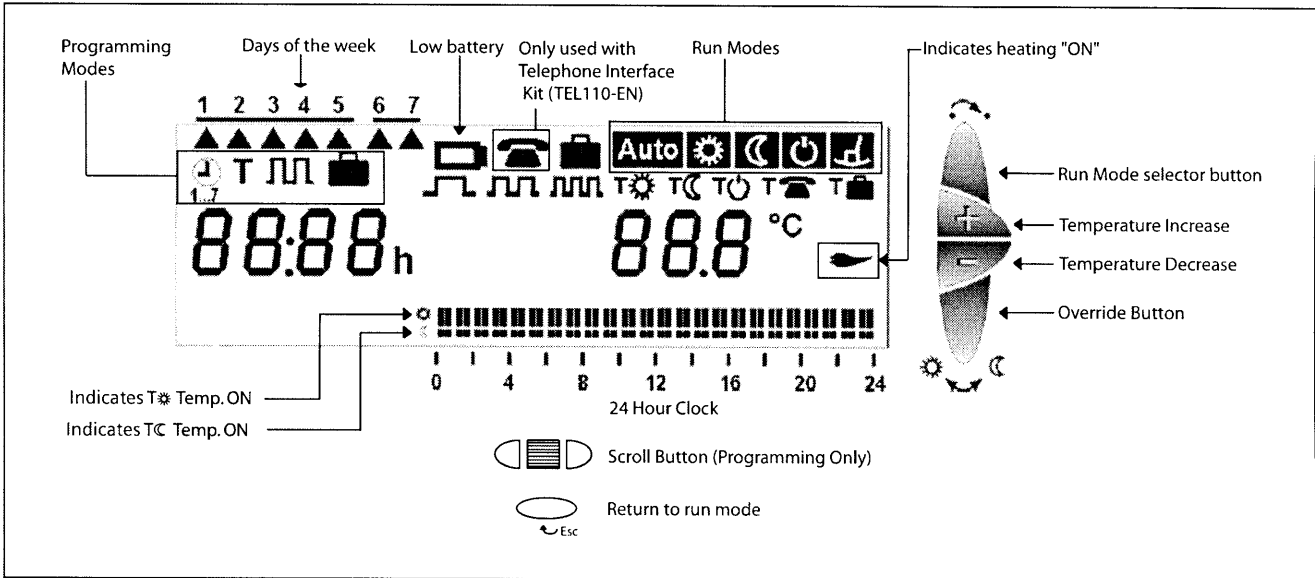
\* Please note ☐ can also be used to turn heating off while on holidays.

If you come back from holidays early and there are still days on there, you will have to adjust to zero to put REV23 back to normal operation.

e.g. D☐☐.

**PROGRAMMING COMPLETE. YOU SHOULD NOT HAVE TO USE SCROLL BUTTON AGAIN UNLESS YOU NEED TO MAKE FURTHER CHANGES. ALL ADJUSTMENT CAN NOW BE MADE BY TOP BUTTONS.**

# REV23 Screen Features



For further info. on REV23, please refer to data sheet no. 2264.

**PLEASE NOTE (WIRING INSTRUCTIONS):** Thermostat wires running from your heater/boiler to your REV23 Thermostat must go in either L, L1 or L2. Do not put these into the T1 or T2 connections or you will damage the REV23. T1 and T2 are only for Telephone Interface Kit (TEL110-EN).