Time — **Thermostat Name**

08:53 EVO LITE

24.9 °C

Temperature Display
-Press to enter datalogging

Fuse 5amp FF

Setpoint 28.0" | Status 100%

Lock
-Press to Lock
-Hold to Unlock

Target Temperature
-Press to Enter Channel Settings

Power Output
-Press to enter General Settings

Mains **Output** **Sensor**

General settings
Thermostat Name- Allows the thermostat name to be customised
Alerts - Low and High temperature visual alerts can be set

Display
Units-Temperature can be toggled between °C and °F
Sleep- Sleep mode will turn the display off if there is no user input within a set
period of time. If the display is in sleep mode the first touch on the display
or an active alert will awaken the display. Options for sleep mode are
Never, 1 Min, 10 Min or 1 Hour.
Borders- The colour of the borders can be customised.
Text- The colour of the text can be customised.

Channel settings
To set up the output channel touch the setpoint box on the home screen.
Setup -   Channel control settings to select output type, timing, control type.
The Input data underneath the Name and Setup buttons changes depending
on the options that are selected in the Setup menu. Press the Ok button so
save your selection and return to the home screen.

Channel settings - setup menu
Output - Dimmer /Pulse/On/Off
Timing
Constant -   One temperature or setting continuously
Day/Night-   Day and Night can have individual settings
                 Multi- 4 individual settings over 24hrs.
Control
Heating-   Channel operates as a Heating Thermostat
Cooling-   Channel operates as a Cooling thermostat.
Fixed-   Channel operates as a Fixed value. Operates a device at
                  a fixed % over a period of time.
                  WARNING - NO TEMPERATURE CONTROL IN FIXED MODE

Constant control
Constant control is used when only one temperature setting is required in
the 24hr cycle. To set the temperature simply touch the setting displayed on
the right hand side of the screen. Enter the setting you require then touch OK.

Day and Night
Day and Night mode allows you to create a realistic micro climate inside
your vivarium. By selecting a different temperature for day-time and
night-time it will allow your animal to experience the natural temperature
changes that occur in the wild. Enter the time you would like the day-time to
begin, then select the temperature for day-time. Then enter the start time for
night-time and select the temperature for night-time.
Time-   The start time for the period.
Temperature- The control temperature for the period.

Multi
Multi mode allows 4 different periods of temperature control in the
24hour cycle, this allows you to create an even more realistic climate than
the day and night mode. For example you can have different settings for
Morning, Midday, Evening and Night. Not all periods have to be used and
EVO Lite will place your settings in chronological order. To delete a period
select a period and delete the time. Touch a time slot from the left hand
side of the display and enter the time you would like a new period to start.
Then touch the setting to the right hand side of the period that you have just
set and enter the temperature you would like for that period.

Data Logging
The Evo Lite logs temperature whilst in use. The data can be set to display 24hrs or 1hr.
To access the data touch the current temperature area of the display to view the temperature data
The 24hr history graphs are useful for monitoring your heating requirements. It will allow you to see how
quickly the temperature has changed when heating from cold for example. In the event of a failed heater
it will also allow you to see how long ago the temperature started to drop. The graph is continuously
updated whilst the Evo is switched on and is updated from the right hand side of the screen.
0 on the time axis is the most current update.

Fuse
The Evo lite is fitted with a 5 Amp FF super fast fuse. This is a user servicable part and is avaliable in
Microclimate Fuse Packs from your retailer. The fuse is fitted to protect against faults external to the
thermostat. This could be caused by bad connections such as bulb holders or the bulb failing.
If you have no output from the main channel but the thermostat is showing power being sent to the main
channel then check to see if the fuse is blown. Simply unplug the display from the mains, unscrew
the fuse holder from the side of the EVO lite and replace with a 5amp FF (super fast fuse) a normal speed
fuse will not act quickly enough to protect the thermostat in the event that an external item that is connected
to the thermostat malfunctions.

Warranty
Your Microclimate Evo is covered by our 5 year parts & labour warranty. If you believe your thermostat is not
working correctly firstly please follow the fuse replacement instructions above. If you are still having issues
please call or email us as we may be able to help over the phone. If your thermostat needs to be
repaired in the first 12 months there is no charge. If the thermostat is between 12 months and 5 years
old there is a charge of £10 to cover the return delivery and paperwork.