



DUAL DIGITAL THERMOMETER & HYGROMETER

INSTALLATION INSTRUCTIONS

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The Komodo Dual Digital Thermometer and Hygrometer (KDG) allows accurate monitoring of both heat and humidity levels within a herptiles environment. The KDG also enables monitoring of highest and lowest temperature and humidity levels reached within your set-up with an option to set alarms should your chosen maximums and minimums be exceeded.

Probe 1 (top wire) is labelled as 'IN' on the right hand side of the temperature display and on the side of the unit. Probe 2 (middle wire) is labelled as 'OUT'. Both probes can be placed within a herptile enclosure.

Changing between IN and OUT probe temperature readings.

1. From the display on the home screen press the mode button five times until either IN or OUT is flashing on the right hand side of the temperature reading.
2. Press the ADJ MAX/MIN button to change between either IN or OUT temperature readings on the display screen.

Setting maximum and minimum temperatures and humidity.

If the unit is inactive for more than 10 seconds it will automatically return to the home screen.

To set a minimum temperature or humidity

1. From the home screen press the Mode button 3 times until [LOW °C] and [LOW %] boxes appear above the temperature and humidity
2. Hold the SET C/F button until **LOW** appears in front of the temperature reading, **LOW** and [LOW %] should be flashing.
3. Press the SET C/F button once and the temperature reading starts to flash.
4. Press the ADJ MAX/MIN button to adjust the figure to the lowest temperature allowed for you herptile.
5. Press the SET C/F button once and **LOW** appears in front of the humidity reading **LOW** and [LOW %] should be flashing.
6. Press the SET C/F button once and the humidity reading starts to flash.
7. Press the ADJ MAX/MIN button to adjust the figure to the lowest humidity levels allowed for you herptile.
8. Press SET C/F to finish.

Now the lowest readings allowed have been set, **LOW** will appear in front of both temperature and humidity readings on the home screen. Should the readings in the set-up fall below the set levels an alarm will sound four times and **LOW** will flash to indicate insufficient temperature/humidity level.

To set a maximum temperature or humidity

1. From the home screen press the Mode button 4 times until [HIGH °C] and [HIGH %] boxes appear above the temperature and humidity
2. Hold the SET C/F button until **HIGH** appears in front of the temperature reading **HIGH** and [HIGH °C] should be flashing.
3. Press the SET C/F button once and the temperature reading starts to flash.
4. Press the ADJ MAX/MIN button to adjust the figure to the lowest temperature allowed for you herptile.
5. Press the SET C/F button once and **HIGH** appears in front of the humidity reading **HIGH** and [HIGH %] should be flashing.
6. Press the SET C/F button once and the humidity reading starts to flash.
7. Press the ADJ MAX/MIN button to adjust the figure to the highest humidity levels allowed for you herptile.
8. Press SET C/F to finish.

Now the highest readings allowed have been set, **HIGH** will appear in front of both temperature and humidity readings on the home screen. Should the readings in the set-up reach above set levels an alarm will sound four times and **HIGH** will flash to indicate excessive temperature/humidity level.

To view maximum and minimum temperature and humidity levels reached in the enclosure.

1. From the home screen press ADJ MAX/MIN button once **MAX** will appear in front of temperature and humidity readings, maximum readings are displayed.
2. Press ADJ MAX/MIN button once **MIN** will appear in front of temperature and humidity readings, minimum readings are displayed.

Setting the time, date and alarm.

To set the time

1. On the home screen press and hold the SET C/F button until 12Hr or 24Hr appears.
2. Press ADJ MAX/MIN to chose between 24-hour clock or 12 hour clock.
3. Press SET C/F button and the minutes will flash.
4. Press ADJ MAX/MIN to set correct minutes.
5. Press SET C/F and the hour will flash.
6. Press ADJ MAX/MIN to set correct hour.
7. Press SET C/F to finish.

To set alarm

1. On the home screen press MODE once, AL will appear on the right of the time.
2. Press and hold SET C/F until the time starts to flash.
3. Press ADJ MAX/MIN once and a small bell will appear above AL signalling that the alarm function has been activated. (An alarm is only set when the bell is visible.)
4. Press ADJ MAX/MIN a second time and (↺) will appear above AL. Activating this means the hourly chime function has been activated.
5. Press ADJ MAX/MIN three times and both functions will become active.
6. Pressing ADJ MAX/MIN four times deactivates both functions.
7. Once the desired function is active press SET C/F (as long as the alarm function is active) the minutes will flash.
8. Press ADJ MAX/MIN until the desired alarm minutes have been reached.
9. Press SET C/F and the hours will flash.
10. Press ADJ MAX/MIN until the desired alarm hour has been reached.
11. Press SET C/F to finish.

To set date

1. On the home screen press MODE twice until month and date replace the time.
2. Press and hold SET C/F until a small Y appears in the bottom left hand corner of the time bar the flashing figure displayed signifies the year.
3. Press ADJ MAX/MIN until the correct year is displayed.
4. Press SET C/F until a small M appears in the bottom left corner and a small D in the centre of the time bar.
5. The flashing figure above the M signifies the month. Press ADJ MAX/MIN until the correct month is displayed.
6. Press SET C/F the figure flashing above the D signifies the day of the month.
7. Press ADJ MAX/MIN until the correct date is displayed.
8. Press SET C/F to finish.

The Komodo Dual Gauge also features a weather and phase of the moon indicator. The weather can be viewed on the top bar of the display screen. Phases of the moon can be seen on the right side of the humidity reading.

