Viper Reptile Twin Digital Dimming Thermostat with Timer and Day/Night Functions.
It is important to read through these instructions for your Viper Reptile Thermostat.

This VIPER Thermostat uses a dimming control rather than an on/off function and can control heaters up to a maximum load of 440W. It features an audible alarm function warning if measured temperatures exceed set upper and lower temperature ranges. The unit also allows the user to set a lower night time temperature in conjunction with the timer. The unit can also be used as an additional thermometer with continuous readouts.

Important
• 	 Protect your Thermostat by ensuring it is away from moisture, water spray and water sources.
• 	 Safe operating temperatures for the use of the Thermostat is between 0 degrees and 40 degrees Celsius and must not exceed these parameters.
• 	 The Thermostat must be placed in a position to protect it from radiant heat over the safe operating temperature
• 	 When the Thermostat is not being adjusted, the LED screen will automatically turn off (screen saving mode). To light up the screen, simple touch any button.
• 	 Master temperature limits have been pre-set between 0 degrees Celsius & 50 degrees Celsius. To change these, hold down the Up or Down button for 5 seconds. It is recommended to keep these setting in most applications

Getting to know your new Viper Reptile Thermostat

Icons on display screen
⛤ This icon represents if the Thermostat is configured as a heating controller or not.
☼ Lighting timer socket is on.
♀ Lighting timer socket is off.
🦂 Temperature is outside set parameters (above or below). The Temperature reading will flash.
☀ Day time function as per 24-hour clock settings.
☾ Night time function as per 24-hour clock settings.
🕐 Will appear next to set time.

Setting Up
Place the probe in the area requiring control, keeping it away from the direct radiant heat produced by the heat source. Placing the probe in the rear or centre of the enclosure above the substrate is generally most suitable. The Thermostat should be placed in a position for easy viewing and access, where you can control the temperature and timer controls at all times. Plug in the required heat source to the heat socket and lighting source to the lighting socket on the Thermostat then plug in the thermostat to mains power. Now set the required temperature and timing controls.

An audible sound (alarm) will activate once the unit is turned on, then can be silenced by pressing one of the ⌃/⌄ buttons.

Note: Only the probe is safe to be submerged in water. If using in an aquarium, sufficient water flow is required for good operating function.

1. Daytime temperature setting:
Press and hold 🦂 key to display the default temperature value while icon SET and ☾ flashing, then press ⌃ or ⌄ key to select the ideal temperature you want.

2. Nighttime temperature setting:
Press 🦂 key to display the default temperature value while icon SET and ☾ flashing, then press ⌃ or ⌄ key to select the ideal temperature you want.

3. Over temperature limit setting:
Press 🦂 key icon 🦂 flashing and display the current over temperature value. Press ⌃ or ⌄ key to select the idea over temperature you want.

4. Timing setting:

4.1 First timing control L1:

A. Start time setting: Press 🐍 key until display L1 and FROM icon flashing, at the same time display the default time, press ⌃ or ⌄ key to set the hour;

After hour set, press 🐍 key to set the minute, press ⌃ or ⌄ key to set the value;

B. End time setting: When start time is already finished, press 🐍 key and then TO icon flashing, you can set end time in the same method.

4.2 Second timing control L2:

The same operation with first timing control L1.

Note: If second timer is not wanted, set L2 FROM: and L2 TO FROM: as the same time

5. Real-time setting:

Press 🐍 key, 🕐 icon flashing and display current hour set value, press ⌃ or ⌄ key to adjust the system time;

Press 🐍 key and then set minute value in the same method.

6. Daytime start time setting:

Press 🐍 key, 🌙 and 🕐 icon flashing, at the same time FROM flashing and display default hour value, press ⌃ or ⌄ key to modify the value.

After hour set, press 🐍 key to set the minute, press ⌃ or ⌄ key to set the value;

7. Nighttime start time setting:

Press 🐍 key, 🌙 and 🕐 icon flashing, at the same time TO flashing and display default hour value, press ⌃ or ⌄ key to modify the value.

After hour set, press 🐍 key to set the minute, press ⌃ or ⌄ key to set the value;

Remark

1. If current menu don't need adjustment, press 🐍 key directly to switch to next menu, press SAVE key to exit and save settings.

2. Parameters of temperature and timer can be recycled view by pressing ⌃ and ⌄ key at the same time, if you don't need any adjustment.

3. The product returns to normal working condition automatically without any key to operate in 15 seconds.

4. Parameter adjustment: Press ⌃ and ⌄ key for more than 3 seconds , enter into quickly adjusting state.

Turning off the Alarm

The alarm will turn off (snooze) once any button is pressed. Once the temperature reaches the set parameters again, the alarm will sound again.

To turn off the alarm permanently, press both ⌃ button and ⌄ button simultaneously for 5 seconds. Pressing the ⌃ *and* ⌄ buttons simultaneously again will reactivate the alarm function.

Additional Information

LED Screen displays LLL. Temperature has dropped below 0 degrees Celsius

LED Screen displays HHH. Temperature has exceeded 50 degrees Celsius

Warranty

12-month Warranty, replacement or repair. Warranty is void if the unit has been opened or tampered with. Proof of purchase required for all warranty claims

To avoid animal losses, it is recommended to also conduct regular temperature checks. Claims for livestock losses due to malfunction will not be covered by VIPER. If you DO NOT agree, please return this item to the place of purchase for a full refund.

Need any Help – Refer to viperreptile.com.au for instruction videos.

Technical Specifications

♦ Controlling Range: 0-50˚C
♦ Resolution: 0.1˚C
♦ Time Unit: hour in 24:00 format
♦ Product Consumption: 33W
♦ Input Voltage: 220V±15%(VAC), 50HZ-60HZ
♦ Timer Output: resistive load MAX 1100W; inductive load MAX 275W; incandescent bulb MAX 220W
♦ Heating Output: resistive load MAX 440W
♦ Measuring Range: 0-50˚C
♦ Accuracy: ±1˚C
♦ Relay Capacity: 10A/220V