

Operation

1. Connect tyre warmers to controller matching red to red (front tyre), black to black (back tyre)
2. Plug connector into power and switch on
3. Controller will display current temperature and heat until the current set point
 - a. Note: this will indicate the surface temp of the tyre. Leave for 45 minutes for the tyre and the wheel to heat up before using.

Turning Off

1. Simply unplug from the power and disconnect the connectors
2. Wait 1 or 2 mins before removing the warmers from the tyre to allow the elements to cool down
3. Wait at least 5 to 10 minutes until the warmers have cooled before rolling up
Note: Always roll, never fold tyre warmers else elements may be damaged!

Setting Temperature

1. Press either F (front) or R (rear) and St will flash with the current temp setting
2. Press and hold either + or - to set the temperature
3. Press F or R twice or wait 15 seconds and it will be set

Calibration

1. If you need to calibrate, test with an infrared thermometer
2. Press either F (front) or R (rear) twice and CA will flash
3. Press and hold either + or - to set the calibration adjustment
4. Press F or R again or wait 15 seconds and it will be set

| Code/Display | Function | Range | Default |
|--------------|---|---------------|---------|
| St | Temperature Setting Front/Rear | 0°C to 99°C | 80°C |
| CA | Temperature Sensor Calibration Front/Rear | -10°C to 10°C | 0°C |
| HH | Indicates short circuit of sensor and will not heat | | |
| LL | Indicates open circuit of sensor and will not heat (lead plug has likely not been plugged in correctly) | | |
| E2 | Indicates temperature exceeding 3°C of the set point | | |

Specifications

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|-------------------------------|---|
| Working Environment | -10°C to 50°C under 90% humidity |
| Controller Temp Range | 0°C to 99°C |
| Temp Differential//Hysteresis | 0.3°C |
| Front tyre warmer rating | 415 watts to 440 watts |
| Rear tyre warmer rating | 645 watts to 700 watts |
| Total maximum load | 1060 watts to 1140 watts |
| Heating element | Silicone gel (not copper or stainless-steel wire) |