# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>WARNINGS &amp; CAUTIONS</td>
<td>4</td>
</tr>
<tr>
<td>COMPONENTS OF THE KINETIC POWER COMPUTER</td>
<td>5</td>
</tr>
<tr>
<td>REPLACING THE BATTERY</td>
<td>6</td>
</tr>
<tr>
<td>CHANGING THE BATTERY IN THE WIRELESS SPEED TRANSMITTER</td>
<td>7</td>
</tr>
<tr>
<td>CHANGING THE BATTERY IN THE HEART RATE TRANSMITTER BELT</td>
<td>8</td>
</tr>
<tr>
<td>WEARING THE HEART RATE TRANSMITTER BELT</td>
<td>9</td>
</tr>
<tr>
<td>INSTALLING THE KINETIC POWER COMPUTER ON YOUR BIKE</td>
<td>10-14</td>
</tr>
<tr>
<td>KINETIC POWER COMPUTER DISPLAY FIELDS</td>
<td>15</td>
</tr>
<tr>
<td>MAIN OPERATING MODES</td>
<td>16-17</td>
</tr>
<tr>
<td>MEASURING WHEEL SIZE</td>
<td>18-19</td>
</tr>
<tr>
<td><strong>PROGRAMMING THE KINETIC POWER COMPUTER</strong></td>
<td></td>
</tr>
<tr>
<td>Selecting Miles Or Kilometers</td>
<td>21</td>
</tr>
<tr>
<td>Setting Wheel Size</td>
<td>22-23</td>
</tr>
<tr>
<td>Setting Odometer</td>
<td>24</td>
</tr>
<tr>
<td>Setting Time Of Day</td>
<td>25</td>
</tr>
<tr>
<td>Setting Distance Countdown</td>
<td>26</td>
</tr>
<tr>
<td>Setting Personal Data</td>
<td>27-28</td>
</tr>
<tr>
<td>Setting The Stopwatch</td>
<td>29-30</td>
</tr>
<tr>
<td><strong>PROGRAMMING THE KINETIC POWER COMPUTER (CONTINUED)</strong></td>
<td></td>
</tr>
<tr>
<td>Setting Heart Rate Training Zone</td>
<td>31</td>
</tr>
<tr>
<td>Setting The Altimeter</td>
<td>32</td>
</tr>
<tr>
<td><strong>OPERATING THE KINETIC POWER COMPUTER</strong></td>
<td></td>
</tr>
<tr>
<td>Sleep Mode</td>
<td>33</td>
</tr>
<tr>
<td>Reseting The Unit</td>
<td>33</td>
</tr>
<tr>
<td>Selecting Bike 1 or Bike 2</td>
<td>34</td>
</tr>
<tr>
<td>Distance Traveled / Distance Countdown</td>
<td>35</td>
</tr>
<tr>
<td>Operating The Stopwatch</td>
<td>36</td>
</tr>
<tr>
<td>Viewing Lap Data</td>
<td>37</td>
</tr>
<tr>
<td>Temperature Mode</td>
<td>38</td>
</tr>
<tr>
<td>Cadence Mode</td>
<td>39</td>
</tr>
<tr>
<td>Heart Rate Mode (T-725 WL)</td>
<td>40</td>
</tr>
<tr>
<td>Altimeter Mode (T-725 WL)</td>
<td>41</td>
</tr>
<tr>
<td>Power Mode</td>
<td>42</td>
</tr>
<tr>
<td>Operating The Backlight System</td>
<td>44</td>
</tr>
<tr>
<td><strong>TROUBLESHOOTING</strong></td>
<td>45</td>
</tr>
<tr>
<td><strong>FUNCTIONAL SPECIFICATIONS &amp; RANGES</strong></td>
<td>46</td>
</tr>
<tr>
<td><strong>WARRANTY &amp; CONTACT</strong></td>
<td>47</td>
</tr>
</tbody>
</table>
**WARNING:** Failure to pay attention to the road, trail, traffic or your surroundings could result in an accident, with risk of serious injury, paralysis or death. You must focus on riding, not your computer. Learn computer operations, and do all possible computer operations when not riding. For any operations you choose to perform while riding, choose a time and place where this distraction has less risk.

**CAUTION:** Mount the Kinetic Power Computer according to the directions in this instruction manual.

**CAUTION:** Avoid direct impact to the Kinetic Power Computer unit.

**CAUTION:** Do not submerge the Kinetic Power Computer unit.

**CAUTION:** Avoid using the Kinetic Power Computer unit in or near strong electromagnetic fields such as high-voltage power lines or other transmitters.

**CAUTION:** Do not disassemble the unit.

**CAUTION:** Make sure the magnet and the transmitter are well aligned and check regularly.

**CAUTION:** Clean the unit with a mild detergent and a soft dry cloth. Never use any kind of solvent or alcohol.

**CAUTION:** Change the battery prior to failure to avoid data loss.

**CAUTION:** Kinetic Power Computers are intended for use on bicycles only and should not be used on any motorized vehicle.

---

**COMPONENTS OF THE KINETIC POWER COMPUTER**

1. **KINETIC POWER COMPUTER UNIT**
2. **WIRELESS SPEED/DISTANCE TRANSMITTER**
3. **WHEEL MAGNET**
4. **ZIP-TIES**
5. **MOUNTING BRACKET RUBBER PAD**
6. **WIRELESS SPEED/DISTANCE TRANSMITTER MOUNTING PAD**
7. **WIRELESS MOUNTING BRACKET (T-725 WL)**
8. **WIRED CADENCE TRANSMITTER MOUNTING BRACKET (T-725 W)**
9. **HEART RATE TRANSMITTER STRAP (T-725 WL)**
REPLACING THE BATTERY

Kinetic Power Computers are powered by a CR2032 3v Lithium Battery. Under normal conditions, this battery should last approximately one year.

REPLACING THE COMPUTER BATTERY

1. Using a coin, turn the battery door counter clockwise until the door comes free.
2. Take care not to damage the O-ring seal for the battery compartment and carefully remove the old battery.
3. Place a new battery in the battery compartment with the positive (+) side toward the battery door. Be extremely careful not to bend the battery contact when inserting a new battery.
4. Place the battery door over the opening and tighten it down by using a coin and turning in a clockwise direction.
5. If the O-ring has been damaged, replace it before reinstalling the battery door.

CAUTION: Extreme care should be taken when replacing the battery to ensure the unit remains fully water resistant. Failure to properly replace the battery and correctly seal the unit may cause the unit to become damaged and may void the warranty.

CHANGING THE BATTERY IN THE WIRELESS SPEED TRANSMITTER — T-725 WL

The Wireless Speed Transmitter uses a 23A 12v Alkaline battery. Under normal conditions, this battery should last approximately one year.

1. Using a coin, turn the battery door counter clockwise until the door comes free.
2. Take care not to damage the O-ring seal for the battery compartment and carefully remove the old battery.
3. Place a new battery in the transmitter positive (+) side toward the battery door.
4. Place the battery door over the opening and tighten it down by using a coin and turning in a clockwise direction.
5. If the O-ring has been damaged, replace it before reinstalling the battery door.

NOTE: Extreme care should be taken when replacing the battery to ensure the unit remains fully water resistant. Failure to properly replace the battery and correctly seal the unit may cause the unit to become damaged and may void the warranty.
The Kinetic T-725 WL features a wireless heart rate transmitter, powered by a CR2032 3v Lithium battery. Under normal conditions you can expect to get approximately 700-800 hours of heart rate transmitter use with a fresh battery.

1. Using a coin, turn the battery door counter clockwise until the door comes free of the watch.
2. Take care not to damage the O-ring seal for the battery compartment and carefully remove the old battery.
3. Place a new battery in the battery compartment with the positive (+) side toward the battery door.
4. Place the battery door over the opening and tighten it down by using a coin and turning in a clockwise direction.
5. If the O-ring has been damaged, replace it before reinstalling the battery door. Most jewelers and watch shops should have replacement O-ring seals.

**NOTE:** Extreme care should be taken when replacing the battery to ensure the unit remains fully water resistant. Failure to properly replace the battery and correctly seal the unit may cause the unit to become damaged and may void the warranty.

---

To ensure a proper heart rate display, the chest transmitter must be moistened and properly adjusted. Wet the electrodes (located to the right and left of the main transmitter case) with saliva or ECG conductive gel. Do not use water, moisturizing creams or suntan oil, as these are insulators and may interfere with the heart rate signal. Snap the plastic tabs at the end of the elastic belt into the holes at the end of the transmitter, and adjust the strap so that the transmitter fits tightly below the pectoral muscles, as shown in the drawing.

**NOTE:** Users with significant chest hair may have a problem obtaining contact between the transmitter electrodes and their skin, resulting in poor performance. It may be necessary for these individuals to shave the area of their chest beneath the transmitter.

**NOTE:** In dry and cold climates it may take a few minutes of use for the electrodes to soften, and a layer of perspiration to form between the contact and the skin for good performance. Moistening the electrodes with saliva or ECG conductive gel can speed up this process.
MOUNTING THE WIRED CADENCE AND SPEED SENSORS
On Kinetic Power Computers, cadence is picked up via a wired connection from the crank arm. The wired cadence sensor is best installed starting with the cadence sensor unit and then working up toward the handlebar or stem bracket.

**NOTE:** The Kinetic T-725 W has a dual sensor wire with sensors for cadence and for speed on the same computer wire.

1. Attach the cadence sensor to the LEFT (non-drive side) chain stay near where the crank/pedal pass the stay using the zip-ties provided. Do not fully tighten zip-ties.

**NOTE:** The wires exiting the sensor should be pointing toward the front of the bike.

2. Attach the cadence magnet to the back side of the LEFT crank arm using the zip-tie provided.

3. Align the cadence sensor and magnet and rotate the sensor so the magnet passes within 1-3mm.

4. Route the sensor wire forward and under the bottom bracket and along the bottom of the down tube securing it occasionally with tape. Once you are near the head tube the sensor wire should be wrapped around the front or rear derailleur cable housing and the around the front brake cable housing.

5. Wrap any excess wire around the front brake cable housing. Use electrical tape to secure the cable in place if necessary. When you are done you should have just enough wire left to connect to the receiver unit’s mounting point.

6. Mount the Kinetic T-725 W’s dual sensor wire on the inside of the chain stay behind the cadence sensor. The magnet mounts on the spoke nearest the sensor head. The magnet must pass within 3-5mm of the sensor.

**CAUTION:** Make sure you leave enough slack in the sensor wire so the handle bars can turn fully from side to side.
INSTALLING THE WIRELESS SPEED/DISTANCE TRANSMITTER ON THE CHAIN STAY (T-725 WL)
The Kinetic T-725 WL receives speed and distance from a wireless transmitter mounted on either the LEFT chain stay (for indoor and outdoor use) or the fork.

1. Attach the wireless wheel sensor and rubber mounting pad to the top of the LEFT chain stay (non-drive side) using the zip-ties provided so the battery cap is pointing away from the rear hub. Snug up the zip-ties but do not fully tighten them. The sensor should be mounted within 6 inches of the rear hub.

2. Attach the spoke magnet to a spoke on the same side of the wheel as the sensor. Tighten the attachment screw just enough to hold the magnet in place but loose enough so that it is still movable.

3. Adjust the position of the sensor and magnet so they are in proper alignment as shown. The magnet should pass by the sensor adjacent to the molded plastic line at a distance of 3-5mm.

4. Once everything is in alignment, fully tighten the spoke magnet in place and tighten the zip-ties holding the sensor to the chain stay.

INSTALLING THE WIRELESS TRANSMITTER ON THE FORK
For outdoor training, you have the option of mounting the transmitter on the front fork.

1. Attach the wireless wheel sensor and rubber mounting pad to the front of the left fork blade using the zip-ties provided so the battery cap is pointing downward. Snug up the zip-ties but do not fully tighten them. The sensor should be mounted as high on the fork blade as possible.

2. Attach the spoke magnet to a spoke on the same side of the wheel as the sensor. Tighten the attachment screw just enough to hold the magnet in place but loose enough so that it is still movable.

3. Adjust the position of the sensor and magnet so they are in proper alignment as shown. The magnet should pass by the sensor adjacent to the molded plastic line at a distance of 3-5mm.

4. Once everything is in alignment, fully tighten the spoke magnet in place and tighten the zip-ties holding the sensor to the fork.
MOUNTING THE HANDLEBAR/STEM BRACKET

1. Place the Kinetic Power Computer unit into the mounting bracket and turn clockwise until the unit snaps into place.

NOTE: When mounting the unit on the stem, you must first remove the 4 screws on the back of the mounting bracket and rotate it 90 degrees. Replace the screws - do not overtighten. The unit is now properly aligned for mounting on the stem.

2. Place the mounting bracket in the desired position on handlebars or stem.

3. Thread the zip-ties provided through the holes on one side of the mounting sleeve and around the handlebar or stem. Once the unit is positioned correctly, secure the zip-ties and trim off the excess ends.

INSTALLING THE KINETIC POWER COMPUTER ON YOUR BIKE

T-725 W AND T-725 WL DISPLAY FIELDS

- **SPEED**: Indicates current speed in either Miles or Kilometers.
- **HEART RATE ICON (T-725 WL)**: Indicates Heart Rate signal received.
- **FUNCTION LINE**: Indicates current operating mode.
- **BIKE 1 & 2**: Displays information specific to current operating mode.
- **MODE BUTTON**: Enables toggling between different modes.
- **LOW BATTERY INDICATOR**: Alerts when the battery is low.
- **SELECT BUTTON**: Used for selecting menu options.
- **SPEED/DISTANCE BAR**: Shows speed and distance traveled.
- **(−) BUTTON (+) BUTTON**: Adjusts values.
- **TEMPERATURE**: Displays current temperature.
- **RIDE TIME**: Shows total ride time.
- **UNITS**: Selects between Miles and Kilometers.

**SPEED/DISTANCE BAR**

- **AVG MIN SP DIST ODO CAD**
- **MAX**
The Kinetic T-725 W has 8 main operating modes. In all modes, Speed and Temperature and Ride Time are constant. Current operating mode is displayed in the lower display line. Scroll through modes by Pressing the MODE button.

The Kinetic T-725 WL has 10 main operating modes. In all modes, Speed and Ride Time are constant. Current operating mode is displayed in the lower display line. Scroll through modes by Pressing the MODE button.
DETERMINING YOUR WHEEL SIZE

Kinetic Power Computers use the rolling circumference of your wheel and tire combination to determine speed and distance. The more accurate this setting, the more accurate your ride information will be. However, variations of less than 30mm from the actual circumference will have very little impact on the overall accuracy of the unit.

For easy setup, Kinetic Power Computers come with 11 pre-programmed wheel/tire sizes. Simply select the size of your tire as you scroll through the list in the programming sequence. If your wheel/tire size is not one of the sizes in the accompanying chart, or if you desire absolute accuracy, you may enter an exact wheel circumference into the system. Use the method on the following page for measuring the circumference of your wheel/tire combination.

MEASURING WHEEL SIZE USING ROLLOUT METHOD

The roll-out method is the most accurate method for determining the circumference of your wheel/tire combination.

1. On a flat open surface make a mark on your tire and the floor exactly where they meet.
2. Roll your bike forward one full revolution of the front wheel and mark the point on the floor where the revolution is complete. For maximum accuracy be sitting on the bike while someone rolls you and the bike forward.
3. Measure the distance from the first mark to the second in millimeters and enter the resulting number into your computer.
SELECTING MILES OR KILOMETERS, SETTING WHEEL SIZE AND ODOMETER

In Odometer Mode, Press & Hold the MODE button to enter the Setting Menu. There are 5 individual fields of information in the Odometer Setting Menu. Scroll through the fields by Pressing the (–) or (+) button.

NOTE: you may exit the Setting Sequence at any time by Pressing & Holding the MODE button.

PROGRAMMING THE KINETIC POWER COMPUTER

SET UNITS (MILES OR KILOMETERS)

1. Press the MODE button.
2. Adjust Miles or Kilometers by Pressing the (–) or (+) button.
3. Set Units by Pressing the MODE button.
4. Advance to next setting option by pressing (–) or (+) button.
PROGRAMMING THE KINETIC POWER COMPUTER

SETTING WHEEL SIZE 1 & 2
1. Select Wheel Size 1 or 2 by pressing the (–) or (+) button.
2. Press the MODE button.
3. Scroll through pre-programmed wheel values by pressing the (–) or (+) button.
4. Set wheel size by pressing the MODE button.

MANUALLY SETTING WHEEL SIZE
5. Repeat steps 1-3 and continue to scroll through pre-programmed values until CUSTOM appears in the display.
6. Press the SELECT button. The far left digit will begin to flash.
7. Adjust digit by Pressing (–) or (+) button.
8. Set value and advance to next digit by Pressing the SELECT button.
9. Once all fields have been adjusted, Press the MODE button to return to Setting Menu.
10. To set Wheel 2, Repeat Steps 1 through 9.
PROGRAMMING THE KINETIC POWER COMPUTER

SETTING ODOMETER
Kinetic Power Computers allow you to manually program your odometers for both Bike 1 & 2. This is useful for preserving distance totals in the event of battery failure or if you need to reset the computer for any reason.

1. Select ODO 1 or 2 by pressing the (-) or (+) button.
2. Press the MODE button. The far right digit will begin to flash.
3. Set value and advance to next digit by Pressing the MODE button.
4. Once all fields have been adjusted, Press the MODE button to return to Setting Menu. To set ODO 2, repeat steps 1-5.

PROGRAMMING THE KINETIC POWER COMPUTER

SETTING TIME OF DAY
Kinetic Power Computers display Time of Day in 1-minute resolution in 12 or 24-hour formats.

1. In Time Mode, Press & Hold the MODE button to enter the Programming Sequence.
2. Adjust 12 or 24-hour format by Pressing the (-) or (+) button.
3. Set format and advance to set time by Pressing the MODE button.
4. Adjust Hour by pressing the (-) button (to increase) or the (+) button (to decrease).
5. Set Hour and advance to set minutes by Pressing the MODE button.
6. Adjust minutes by Pressing the (-) or (+) button.
7. Press MODE button to set minutes and return to Operating mode.
PROGRAMMING THE KINETIC POWER COMPUTER

SETTING DISTANCE COUNTDOWN

Kinetic Kinetic Power Computers allow you to program a specific distance and count down to your specified destination in 1/100-mile/kilometer resolution.

1. In Distance mode, Press the (–) button to toggle between Distance Up and Down. The Distance Countdown icon (_LOWER) will appear in the center line of the display.
2. In Distance Down mode, Press & Hold the MODE button to enter the Programming Sequence.
3. Adjust distance starting by pressing the (–) or (+) button.
4. Set count down distance and return to operating mode by pressing the MODE button.

PROGRAMMING THE KINETIC POWER COMPUTER

SETTING THE STOPWATCH AND ENTERING PERSONAL DATA (STOPWATCH MODE)

Kinetic Power Computers estimate calories consumed during your ride. To calculate Calories you must enter your weight.

**NOTE:** you must also enter your weight to calculate Power/Wattage

In Stopwatch Mode, press & hold the Mode button to enter the Setting Menu. There are 2 individual fields of information in the Stopwatch Setting Menu. Scroll through the fields by pressing the (–) or (+) button.

**NOTE:** you may exit the Setting Sequence at any time by Pressing & Holding the MODE button.
PROGRAMMING THE KINETIC POWER COMPUTER

SETTING PERSONAL DATA
1. In the Stopwatch Setting menu, select PERSONAL by pressing the (–) or (+) button.
2. Press the Mode button.
3. Adjust weight units (lbs or KG) by pressing the (–) or (+) button. Press MODE to set.
4. Adjust Weight by pressing the (–) or (+) buttons. Press MODE to set.
5. Select Gender by pressing the (–) or (+) buttons.
6. Press MODE to set return to setting menu.

SETTING THE STOPWATCH LAP FUNCTION
Kinetic Power Computers are equipped with an advanced Lap Chronograph that allows you to time laps either manually or automatically based on either time or distance.
1. In the Stopwatch Setting menu, select LAP by pressing the (–) or (+) button.
2. Press the MODE button.
3. Scroll through Lap functions (AUTO or MANUAL) by pressing the (–) or (+) button.

MANUAL FUNCTION
To operate the Stopwatch manually, select MANUAL. Press the MODE button to return to operating mode.

(continued next page)
PROGRAMMING THE KINETIC POWER COMPUTER

SETTING THE STOPWATCH LAP FUNCTION - AUTO LAP

Auto LAP function automatically times laps based on either a pre-set time or distance.

1. From the Lap Setting Menu, Select AUTO by pressing the (–) or (+) button. Press the MODE button.
2. Select DISTANCE or TIME by pressing the (–) or (+) button. Press the MODE button.

SETTING DISTANCE-BASED LAPS:

3. Adjust distance (.5 – 18.5 miles/30 km) by pressing the (–) or (+) button. Press the MODE button to return to operating mode.

SETTING TIME-BASED LAPS:

4. Adjust minutes by pressing the (–) or (+) button. Set Minutes and advance to set hours by pressing the MODE button.

5. Adjust hours (0-9) by pressing the (–) or (+) button. Press the MODE button to return to operating mode.

SETTING HEART RATE TRAINING ZONE (T-725 WL)

The Kinetic T-725 WL allows you to set a target heart rate training zone in one beat per minute increments. The Stopwatch memory tracks time spent ABOVE, BELOW, and IN the target heart rate training zone that you have set for review after your workout. (see Viewing Lap Data page 37)

1. In Heart Rate mode, press & hold the Mode button to enter the setting sequence.
2. Adjust UPPER LIMIT by pressing (–) or (+) button.
3. Press the Mode button to set and advance to next setting.
4. Adjust LOWER LIMIT by pressing (–) or (+) button.
5. Press the MODE button to return to operating mode.
PROGRAMMING THE KINETIC POWER COMPUTER

SETTING THE ALTIMETER (T-725 WL)
The Kinetic T-725 WL has an advanced altimeter system that tracks distance ascent, distance descent and displays current altitude and current slope gradient.

NOTE: If miles are selected distance units, altimeter measurements will be in feet. If kilometers are selected, altimeter measurements will be in meters.

1. In Altimeter Mode, press & hold the Mode button to enter the setting sequence.
2. Select above (+) or below (-) Sea Level by pressing the (+) or (-) button.
3. Press the Mode button to set and advance to next setting. The far right digit will begin to flash.
4. Adjust digit by pressing (-) or (+) button.
5. Set value and advance to next digit by pressing the Mode button.
6. Once all fields have been adjusted, press the MODE button to return to operating mode.

OPERATING THE KINETIC POWER COMPUTER

SLEEP MODE
To conserve battery life, when the Kinetic Power Computer does not receive a signal for a period of time, the unit goes into SLEEP mode. The display reads Time of Day in the center display line. All other display fields are blank. Press any button to wake the unit and resume Operating mode.

RESETTING THE UNIT
To clear all ride information, Press & Hold both the MODE and SELECT buttons for 2 seconds in Avg./Max. Speed mode.
OPERATING THE KINETIC POWER COMPUTER

SELECT BIKE 1 OR BIKE 2
Kinetic Power Computers allow you to program two separate bike specifications.

SWITCH FROM BIKE 1 TO BIKE 2
1. In Distance (DST) mode, press and hold the Mode button for 2 seconds, then it will switch from bike 1 to bike 2.

SWITCH FROM BIKE 2 TO BIKE 1
1. In Distance (DST) mode, press and hold the Mode button for 2 seconds, then it will switch from bike 2 to bike 1.

OPERATING THE KINETIC POWER COMPUTER

DISTANCE TRAVELED / DISTANCE COUNTDOWN
Kinetic Power Computers allow you to view both distance traveled and distance remaining to your destination.

1. Once a Distance has been programmed (see page 26), activate Distance Countdown by pressing the SELECT button. The center line display segments (-----) will display the relative distance remaining to your destination by varying display from right to left.

2. The unit also estimates your Arrival Time based on your average speed. Toggle between Distance Traveled, Distance Countdown and Arrival Time by pressing the (–) button in Distance (DST) mode.
OPERATING THE KINETIC POWER COMPUTER

OPERATING THE STOPWATCH
Kinetic Power Computers are equipped with a lap Stopwatch that functions independently of Ride Data.
1. In Stopwatch Mode, press the SELECT button to begin timing.

MANUALLY TIMING LAPS
2. While Stopwatch is running, press the SELECT button to STOP LAP timing. To begin another LAP, press the SELECT button again.
3. Current lap number is displayed in lower left of display screen.

AUTO TIMING LAPS
In AUTO LAP setting, laps are automatically timed by either a preset distance or time. Current lap number is displayed in lower left of display screen and indicated as either (T) time- or (D) distance-based.
1. Press SELECT to begin timing.
2. Press Select to stop timing
NOTE: you may override the Auto Lap function and manually begin a new lap any time by pressing the SELECT button to stop current lap and again to begin a new lap or by pressing the (–) button to advance to new lap.

VIEWING LAP DATA
Kinetic Power Computers have an advanced memory that allows you to view detailed ride information by individual laps.
1. With Stopwatch stopped, press the (–) button to begin the memory sequence.
2. Scroll through individual lap data (starting with latest lap in descending order) by pressing the (–) button. Lap data will automatically display in the following sequence:
3. Press SELECT to resume timing. Press MODE to exit data recall and resume normal operating mode.
OPERATING THE KINETIC POWER COMPUTER

TEMPERATURE MODE
Change Temperature units from °C (Celsius) to °F (Fahrenheit) by pressing & holding the MODE button in Temperature mode.

OPERATING THE KINETIC POWER COMPUTER

CADENCE MODE
In Cadence mode, toggle between Current Cadence and Average and Max cadence by pressing the (–) button.
HEART RATE MODE (T-725 WL ONLY)

When the Kinetic T-725 WL is receiving a heart rate signal, the Heart Rate icon (❤) will display above the Temperature field. The Target Zone arrows (⬇️, ⬆️) indicate whether current heart rate is above or below Target Zone.

VIEW AVERAGE AND MAX HEART RATE

1. Press the (−) button in Heart Rate mode.

CONSTANT HEART RATE DISPLAY

The Kinetic T-725 WL allows you to view current Heart Rate in all operating modes.

1. In Heart Rate Mode, press & hold the SELECT button. Current Heart Rate will display in the Temperature display field in all operating modes.

2. Switch back to Temperature display by pressing and holding the SELECT button.

ALTIMETER MODE (T-725 WL)

The Kinetic T-725 WL has 4 Altimeter sub modes. Scroll through Altimeter modes by pressing the (−) button.
POWER IS CALIBRATED TO KINETIC INDOOR CYCLE TRAINERS

Kinetic Power Computers display your current Power/Wattage output based on rider weight and current speed. Scroll through Power/Wattage modes by pressing the (–) button.

OPERATING THE KINETIC POWER COMPUTER

POWER MODE

Kinetic Power Computers display your current Power/Wattage output based on rider weight and current speed. Scroll through Power/Wattage modes by pressing the (–) button.

POWER IS CALIBRATED TO KINETIC INDOOR CYCLE TRAINERS

Kinetic Power Computers are designed to give you accurate power (wattage) readings when you are using a Kinetic Trainer. All other functions (speed, distance, cadence, calorie burn, altimeter, etc) are accurate both on and off the trainer. Because of this the Kinetic Power Computer is an excellent choice for a cycling computer both on and off the trainer.

The watts reading is calibrated based on a mathematical relationship between power and speed. This Kinetic Power Formula along with our proprietary software accurately estimates the cumulative effect of 16 different interactive forces. This power curve is based on the “average” rider on the “outdoor ride” using the following cubic function:

\[ P = (5.244820) \times S + (0.01968) \times S^3 \]

where \( S \) is speed in miles per hour, \( P \) is power in watts.

CURRENT POWER

AVERAGE POWER

MAXIMUM POWER

OUTDOOR POWER CURVE

T-725 POWER CURVE

1:23:58 STP AVG MIN SPD ST ODO CAD HR MAX

123\°C

250W

168W

123.58W

999W

999W

PWR

KMH

27

123

998

999

123.58

123.58

123.58

123.58

PWR

PWR

PWR

PWR

PWR

PWR

PWR

PWR

PWR

PWR
OPERATING THE KINETIC POWER COMPUTER

OPERATING THE BACKLIGHT SYSTEM
Kinetic Power Computers are equipped with a Backlight for viewing in low light conditions. Press the (+) button to illuminate the display for approximately 5 seconds.

NOTE: Excessive use of backlight will reduce battery life.

TROUBLESHOOTING

- **DECREASED CONTRAST IN DISPLAY SCREEN**: Battery is weak and must be replaced.
- **DISPLAY IS BLANK**: Change the battery or reset the computer.
- **DISPLAY SHOWS PARTIAL DIGITS**: Reset the computer.
- **SPEED/DISTANCE NOT RECORDING**: Check sensor/magnet alignment. Make sure that the sensor is no more than 5mm from the magnet.
- **ENTIRE SCREEN IS DARK**: Unit may have been over exposed to direct sunlight. Move the bike to the shade. The data will be OK.
- **NO OR ERATIC SPEED DISPLAY**: 1. Distance between magnet and transmitter is too great (5mm maximum). 2. Interference from electro magnetic field. 3. Sensor wires may be fully or partially severed.

OPERATING THE BACKLIGHT SYSTEM

**NOTE**: Excessive use of backlight will reduce battery life.
FUNCTIONAL SPECIFICATIONS & RANGES

TIME OF DAY
- 24 hours with one-minute resolution
- Functional in either 12 or 24 hour formats

ODOMETER
- 9999 miles or kilometers
- 1 mile or 1 kilometer resolution
- Distance Countdown: 999km/m

TRIP
- 9999.9 miles or kilometers
- .1 mile or .1 kilometer resolution

WHEEL SIZE
- Wheel circumference measure in millimeter
- 0-2999

SPEED
- 0-199.9 MPH or KPH
- 0.1 MPH or KPH resolution

STOP WATCH
- 19-lap x 9h 59m 59s
- 1-second resolution
- Auto Lap/Time 9h 59m 59s
- Auto Lap/Distance 99KM or M

CADENCE
- 30-240

ALTIMETER (T-725 WL)
- Current Altitude: -381M ~ 6000M
- Ascent/Descent: 9999M
- % Gradient ±20%

TEMPERATURE
- -20 ~ +60C

HEART RATE (T-725 WL)
- 30 - 240 beats per minute

WARRANTY & REPAIR

2-YEAR COMPUTER ONLY
(Accessories/Bracket sensor and Battery Consumption excluded)
Kinetic Power Computers are warranted to be free of defects from materials and workmanship for a period of two years from original purchase. If the product fails to work due to normal use, Kinetic will repair or replace the defect at no charge. Service must be performed by Kinetic or an authorized retailer. For more information contact Kinetic at 1-877-226-7824.