

# WOODWAY®

*For The Long Run®*

**CURVE LTG - Owners Manual**



**Owners Manual**  
03.14.24 OM-EN-V3



[woodway.com](http://woodway.com)

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**THE COMPLETE CURVE LTG OWNER'S MANUAL CAN BE FOUND @ WOODWAY.COM**

<https://www.woodway.com/slat-stats/manuals/>

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**Table of Contents**

**1 Safety..... 7**

1.1 Important Safety Instructions .....7

1.2 Description of Warning Notices .....10

1.3 Safety Notices on Devices .....10

1.4 Personnel Qualifications and Responsibilities .....11

1.5 Intended Use .....11

1.6 Unauthorized Modes of Operation .....12

**2 Introduction ..... 13**

2.1 Operating Instructions Information .....13

2.2 Limitation of Liability .....13

2.3 Replacement Parts.....14

2.4 Customer Service and Nameplate Information .....14

2.5 EC Declaration of Conformity .....17

**3 Transportation and Storage ..... 18**

3.1 Safety Notices for Transportation.....18

3.2 Flat Transportation .....18

3.3 Upright Transportation .....18

3.4 Transportation with Carrying Poles.....19

3.5 Storage.....19

**4 Dimensions and Technical Specifications ..... 19**

4.1 Curve LTG Model.....20

4.2 Conditions for Use .....20

**5 Setup and Placement .....20**

5.1 General.....20

5.2 Preparation and Placement .....21

5.3 Safe Fall Area .....22

**6 Installation .....22**

6.1 Optional Tools.....22

6.2 Included Tools and Hardware .....23

6.3 Unpacking .....24

6.4 Placement .....26

6.5 Main Chassis Assembly.....27

6.6 Control Console Assembly .....32

6.7 Charging the Display.....34

6.8 Leveling Instructions .....35

**7 Product Description / Operation.....36**

7.1 Safety Equipment.....36

7.2 For Your Safety .....37

7.3 Practical Training .....38

7.3.1 Professional Consultation .....38

7.3.2 Warm-Up and Cool Down .....38

7.3.3 Proper Body Form .....38

7.3.4 Training Frequency.....39

7.3.5 Endurance Training.....39

7.3.6	Measuring Heart Rate .....	39
7.3.7	Calculating Heart Rate Measurement .....	39
7.3.8	Heart Rate Monitors .....	40
7.3.9	Applying the Chest Strap .....	40
7.3.10	Before Each Use .....	41
7.3.11	Starting the Treadmill .....	41
<b>8</b>	<b>Control Console .....</b>	<b>42</b>
8.1	Control Console Overview .....	42
8.2	Description of Lower Control Console Buttons .....	43
8.3	Speed Indicators .....	43
8.4	Description of Side Control Console Buttons .....	44
8.5	Program Selection and Setup .....	45
8.5.1	Goal .....	45
8.5.2	Interval .....	46
8.5.3	Custom .....	47
8.5.4	Track .....	49
8.5.5	Group/Circuit .....	50
8.5.6	Competition .....	52
<b>9</b>	<b>Software Management .....</b>	<b>54</b>
<b>10</b>	<b>Cleaning and Maintenance .....</b>	<b>55</b>
10.1	Cleaning .....	55
10.2	Maintenance Intervals .....	56
<b>11</b>	<b>Warranty Information .....</b>	<b>57</b>
<b>12</b>	<b>Troubleshooting .....</b>	<b>59</b>
12.1	Display Will Not Turn On .....	59
12.2	Running Surface Belt is Stuck/Difficult to Move .....	59
12.3	Squeaking Sounds .....	59
12.4	Electrical Static .....	59
<b>13</b>	<b>Cover Removal and Component Access .....</b>	<b>60</b>
13.1	Bearing Maintenance: .....	61
13.2	Running Belt Adjustment: .....	62
<b>14</b>	<b>Battery Maintenance .....</b>	<b>65</b>
14.1	Maximizing Battery Life .....	65



My WOODWAY \_\_\_\_\_ Arrived on \_\_\_\_\_  
Model Name Date

### WOODWAY History

WOODWAY's history begins in Germany in 1974. Willi Schoenberger, a technical director in charge of planning a fitness center, noticed that the most important piece of equipment, the treadmill, didn't meet the most important requirements: a mechanically sound machine that is designed to meet human needs.

He envisioned a comfortable walking surface that didn't interfere with the natural bio-mechanics of running or walking. Also, he wanted a transportation system which eliminated the friction associated with conventional conveyor-belt treadmills. After intensive research, and trial and error (and in cooperation with the Deutsche Sporthochschule in Cologne, Germany), Willi developed and patented a very unique and revolutionary treadmill design.

In 1975, WOODWAY GmbH was founded in Weil am Rhein, Germany. The name "WOODWAY" is derived from the German "Waldweg" ("Wald" = wood and "Weg"= way), the feel of running on a soft pine needle covered path in the forest.

In 1983, a manufacturing license was awarded to Sakai Medical, for the use of WOODWAY technology in the Japanese marketplace.

In 1988, a U.S. license was granted to a small, well-established manufacturing company in Waukesha, Wisconsin. WOODWAY USA was formed when the U.S. incarnation of the WOODWAY was developed and completed in 1990. WOODWAY USA is proud to be the primary manufacturer of WOODWAY treadmills worldwide, exporting treadmills for international distribution, in addition to serving our domestic customers and clients.

Today, WOODWAY's design and manufacturing facilities in the United States, Germany, and Japan make WOODWAY the largest specialized treadmill manufacturer in the world. Constant enhancements in quality, design, and function are shared and implemented by all three WOODWAY manufacturers.

As WOODWAY moves forward, attention to product quality, innovation, and customer service are at the forefront of our efforts. Along with our treadmills, other products, services, and strategic relationships are being developed so as to keep WOODWAY on the leading edge as we meet fitness training, testing, and rehabilitation needs.

# 1 Safety


## 1.1 Important Safety Instructions

The treadmills have been reliably designed, manufactured, and tested according to the latest state of technology and are in safe and technically perfect condition. Nevertheless, the devices can cause risk to persons and property if operated improperly.

For this reason, the operating instructions should be read completely and safety instructions must be observed.

Warnings attached directly to the device must be observed and kept in a legible condition. Inappropriate use will result in the rejection of any liability or guarantee claims by WOODWAY.

All WOODWAY treadmills are built to the specifications of and are intended for both commercial and residential use.

 **DANGER**

**To Reduce the Risk of Electric Shock!**

- Do Not operate the Heart Rate Monitor Transmitter in conjunction with an electrical heart Pacemaker. The transmitter may cause electrical disturbances.
- Do Not soak or power spray the treadmill surfaces with any cleaners, water or liquids.
- Do Not place any open liquid containers on any part of the treadmill. The use of sports bottles with closeable tops is acceptable.
- Turn treadmill controls OFF prior to cleaning.

Read all instructions and warnings before using the treadmill.

1. The treadmill is non-motorized. The user controls the speed, including the rate at which the treadmill slows or comes to a stop. There is no motor on the treadmill, therefore there is NO Emergency Stop pull cord or lanyard. The treadmill will come to a stop on its own. It is imperative that all users familiarize themselves with the treadmill and its features.
2. The Curve LTG belt moves freely, by stepping on the rear-most part of the running surface where it is rounded, there is a danger of falling, as the force of gravity can set the running surface in motion. Always mount and dismount the running surface from either side towards the rear of the treadmill, stepping on the lowest/flattest portion of the belt curvature. Always use the handrails when mounting and dismounting the treadmill.
3. Do not use any adapters, or attachments not specified by the manufacture especially those without grounding provisions. Doing so could potentially result in electrical shock.
4. Do not operate the treadmill outside or in damp / wet locations.
5. Do not soak the treadmill surfaces with any liquid; use a sprayer or damp cloth.
6. Keep ALL electrical components, away from water.
7. Do not place any open liquid containers on any part of the treadmill. The use of sport bottles with close-able tops is acceptable.
8. Always keep the running surface clean and clear of obstructions.

**WARNING** - To reduce the risk of injury to you and others:

- Set up and operate the treadmill on a solid, level surface.
- Use the treadmill only for its intended purpose as described in the manual.
- Keep all loose clothing and towels away from the running surface. It is also important that shoe laces do not extend beyond the bottom of the shoe.
- Keep the area behind treadmill clear and at least 78" (2 m) from walls or furniture.
- Never let loose objects (e.g. balls) roll under the treadmill. They could be pulled into the device during operation.
- Keep hands away from all moving parts.
- Never leave children unsupervised while on or near the treadmill.
- Inspect the treadmill for worn or loose components prior to use. Tighten or replace any worn or loose components prior to use.
- WOODWAY treadmills are built to handle runners weighing up to 800 lbs. (360 kg) at speeds between 0-4 MPH (0-6.5 km/h) and 400 lbs. (180 kg) at speeds greater than 4MPH (6.5 km/h).
- The treadmill running belt might not stop immediately if an object becomes caught in the belt or rollers.
- WOODWAY recommends that facilities that have users who are elderly, are children, or have health limitations, use a safety gantry harness. The manufacturer declines any liability for personal injury and/or property damage which could have been avoided with the use of a gantry harness system.
- Care should be taken when mounting and dismounting the treadmill. Never mount or dismount the treadmill while the running belt is moving. Use the handrails whenever practical or necessary.
- Wear proper athletic shoes with rubber or high-traction soles. Do not use shoes with heels or leather soles. Ensure no stones are embedded in the profile of the soles.
- Allow several minutes to bring your heart rate into the training zone depicted in the manual. Walk slowly after your workout to allow your body sufficient time to cool down and your heart rate to decrease.
- The safety and integrity designed for the machine can only be maintained when the treadmill is regularly examined for damage and/or wear and repaired if necessary. It is the sole responsibility of the user/owner or facility operator to ensure that regular maintenance is performed.
- Do not attempt to service your treadmill yourself without first contacting WOODWAY Service. It is preferable that mechanics have successfully completed WOODWAY factory-authorized service school or equivalent.
- Worn or damaged components should be replaced immediately or the treadmill should be removed from service until the repair is made. Only manufacturer supplied or approved components should be used to maintain and repair the treadmill. **SAVE THESE INSTRUCTIONS**



**NOTE:** A safety sign has been included with your treadmill. It is the responsibility of the owner to post this sign in a visible area near the machine.

# SAFETY FIRST

THE FITNESS EQUIPMENT IN THIS FACILITY PRESENTS HAZARDS WHICH, IF NOT AVOIDED, COULD CAUSE SERIOUS INJURY OR DEATH.

PRIOR TO USING THIS EQUIPMENT, READ THE WARNING LABELS AND INSTRUCTIONS AFFIXED TO EACH MACHINE.

IF YOU ARE UNSURE OF HOW TO USE A MACHINE, SEEK ASSISTANCE.

IMMEDIATELY REPORT ANY PIECE OF EQUIPMENT THAT IS NOT FUNCTIONING PROPERLY TO OUR STAFF SO IT MAY BE EVALUATED AND SERVICED PROMPTLY.

DO NOT ATTEMPT TO USE OR FIX ANY PIECE OF EQUIPMENT THAT IS NOT FUNCTIONING PROPERLY.

WHILE USING THIS TREADMILL, THE SAFETY LANYARD MUST BE WORN AT ALL TIMES.

MAKE SURE SHOES ARE TIED TIGHTLY AND LACES DO NOT FALL BELOW THE BOTTOM OF THE SOLE TO AVOID FALLING.


DRINK PLENTY OF LIQUIDS. IF FEELING FAINT, STOP USE IMMEDIATELY.

ASTM F1749

**1.2 Description of Warning Notices**

Warning notices indicate potential hazards or safety risks. They are indicated in this manual by a color-coded signal word panel (symbol with the appropriate signal word). All warning notices have the same design and the same standardized content design.

**Sample of a Warning Notice**

 <b>SIGNAL WORD</b>
<p><b>Warning Text, Type, and Source of Danger</b></p> <p>Description of the consequences of ignoring the danger</p> <ul style="list-style-type: none"> <li>• Measures, instructions, and forbidden actions to avoid the hazard.</li> <li>• Further measures.</li> </ul>

**Classification**

<b>NOTICE</b>	<p><b>NOTICE or ATTENTION:</b> (No Danger Symbol) No risk of injury, pertinent information and warning against material damage.</p>
 <b>CAUTION</b>	<p><b>CAUTION:</b> (with danger symbol) light possibility of injury.</p>
 <b>WARNING</b>	<p><b>WARNING:</b> (with danger symbol) In a dangerous situation, serious accident possible with the possibility of injury or death.</p>
 <b>DANGER</b>	<p><b>DANGER:</b> (with danger symbol) In the event of an accident, immediate danger of death or serious injury.</p>

**1.3 Safety Notices on Devices**

Replace the safety stickers if they become damaged or illegible. Information relevant to the safety is identified on the device using the following stickers.

**Use Care When Using the Non-Motorized Treadmill**

Sticker located on the right rear corner cover: Notice on free movement in the direction of the arrow, and directions for mounting and dis-mounting the treadmill.




**Ensure Proper Health Condition Before Use**

Sticker located on the front left corner cover: Consult a physician before use and discontinue training in case of health problems.



Replacement Sticker P/N - M1325


1.4 Personnel Qualifications and Responsibilities

 <b>WARNING</b>
<p><b>Danger due to Improper Use!</b>          Improper handling of the device can lead to serious personal injury and property damage.</p> <ul style="list-style-type: none"> <li>• The device may only be operated by persons who have received instructions from qualified service personnel.</li> <li>• WOODWAY recommends the use of a training record for proof of instruction.</li> </ul>

**Representative:** The representative is the person or company that is responsible for setting up, using, and maintaining the device.

The representative of the treadmill is responsible for the regular maintenance and testing as required by law. They are also obligated to provide adequate training/instruction to the operating personnel. WOODWAY recommends the training be carried out by a trained and authorized WOODWAY dealer or service partner.


1.5 Intended Use

 <b>WARNING</b>
<p><b>Danger due to Improper Use!</b></p> <ul style="list-style-type: none"> <li>• Any improper use and/or other use of the device can lead to dangerous situation with significant personal injury and/or property damage.</li> <li>• Only use the treadmill for its intended use.</li> <li>• Avoid excessive training, as this can lead to injury.</li> <li>• Read and strictly adhere to all information in the operating instructions.</li> </ul>

The Curve LTG treadmill is non-motorized, it serves for training athletic running, to increase stamina and physical fitness, and can be used for running or walking.

Please note that the Curve LTG listed in this manual is athletic training equipment, which according to EU regulations are not to be used for medical applications.

The operating instructions are an integral part of the treadmill and are to be available to all users at all times. The exact observance of the instructions is a prerequisite for the intended use of the WOODWAY treadmill.

 <b>WARNING</b>
<p><b>Risk of Injury Through Risk of Falling!</b></p> <ul style="list-style-type: none"> <li>• Familiarize yourself with treadmill operation and operating principles before the first training.</li> <li>• Always use the safety handrail when mounting and dismounting and when starting training.</li> </ul>

<b>ATTENTION</b>
<p>Claims to the manufacturer of any kind due to damage from improper use are excluded.          The representative alone is liable for all damages resulting from improper use.</p>

## 1.6 Unauthorized Modes of Operation

The treadmill may only be used for the aforementioned intended use. Any additional uses may result in serious personal injury and/or property damage.

The following restrictions and prohibitions must be strictly adhered to:

- Treadmill may not be used without prior instruction by qualified personnel.
- Children and animals may not use the device or be left near the device unattended.
- Use of the treadmill under the influence of alcohol, drugs and/or narcotics is prohibited.
- The treadmill is not intended to be used by persons weighing more than 800 lbs. (360 kg) when walking at speeds up to 4 mph, or more than 400 lbs. (180 kg) when running at speeds exceeding 4 mph.
- Transportation of objects on the treadmill is not allowed.
- Walking surface is not suited for the use of running shoes with spikes or studs.
- It is forbidden to use the treadmill without its side rails or with walking poles.
- The operation of WOODWAY slat belt treadmills outside of the named ambient conditions in the section "Setup & Installation" (temperature, humidity, air pressure) as well as outdoors (i.e. outside of closed rooms) is not allowed.
- For people with health limitations or contraindications, the use of a treadmill without prior consultation by a health care professional is prohibited.
- When stepping onto the treadmill, during walking exercises, and when stepping off of the treadmill the safety instructions in this manual must be observed. Here, the following restrictions apply:
  - Never jump onto the moving belt
  - Never jump off while the device is moving
  - Never jump off of the front
  - Never stop walking when the belt is moving
  - Never turn around when the belt is moving
  - Never walk sideways or backwards

### **WARNING**

#### **Unauthorized Use Can Cause Injury!**


Using the treadmill in a manner not authorized by WOODWAY can be potentially hazardous.

- Only use the device for its intended use as described in the manual.
- Do not use unauthorized replacement parts or accessories that could interfere with the functionality or safety of the device.
- Always use the safety handrail when mounting and dismounting and when starting training. Always mount the treadmill from the rear.
- If the device is damaged or not functioning properly, do not use until it has been inspected and/or repaired by qualified and authorized personnel

## 2 Introduction

### 2.1 Operating Instructions Information

This manual provides information on the safe operation of the WOODWAY slat belt treadmill. A condition for safe operation is compliance with all safety and operating instructions.

 <b>CAUTION</b>
<p><b>Improper Operation Can Cause Accidents!</b></p> <ul style="list-style-type: none"><li>• Not using the treadmill as intended according to the manufacturer's instructions can cause accidents and equipment damage.</li><li>• These operating instructions must be completely read and understood before using the treadmill.</li><li>• Keep these instructions close at hand for all users of the device.</li></ul>

#### Read and Observe the Operating Instructions!



Read these instructions carefully before beginning any work on the treadmill. It is a part of the device and must be kept accessible at all times and in the immediate vicinity of the treadmill for operating and maintenance personnel.

#### Observe the Instructions

WOODWAY accepts no liability for accidents, equipment damage, and consequences of equipment failure that are a result of failure to follow the operating instructions. In addition, local accident prevention regulations and general safety conditions for intended use of the treadmill apply.

The manufacturer reserves the right to make technical changes in the context of improving the performance properties and further development without prior notice. Illustrations are for basic understanding and may differ from the actual design of the device.

Accessories from other suppliers have further safety regulations and guidelines which must also be observed. WOODWAY accepts no liability for accidents, equipment damage, and personal injury caused by the use of accessories from other suppliers.

### 2.2 Limitation of Liability

All information and instructions in this manual have been compiled in accordance with applicable standards and regulations, the current state of technology, and our knowledge and experience.

WOODWAY accepts no responsibility for damages resulting from:

- Disregarding the operating instructions
- Improper use
- Use by non-authorized persons
- Use of replacement parts which were not approved by WOODWAY
- Unauthorized modifications to the device or accessories

WOODWAY general terms and conditions and delivery conditions apply, as well as the legal regulations valid at the time of contract conclusion.

### 2.3 Replacement Parts

WOODWAY recommends the use of original replacement parts. Original replacement parts have particular qualities and ensure reliable and safe operation.

- Developed for specific use with the device
- Manufactured for high quality and excellence
- Ensure the legal warranty period (excluding wear parts) or other reached agreements

#### NOTICE

The use of NON-original replacement parts may change the characteristics of the device and interfere with the safe use!  
WOODWAY does not accept liability for damages resulting from this.

**Disposal:** Wear parts are considered hazardous waste! After being replaced, wear parts must be disposed of according to country-specific waste laws. For further information on disposal, see

[Disposal page 62](#)

### 2.4 Customer Service and Nameplate Information

<b>Contact</b>	Tel: 1-262-548-6235	WOODWAY USA, Inc.
	Fax: 1-262-522-6235	W229 N591 Foster Ct.
	E-Mail: <a href="mailto:service@WOODWAY.com">service@WOODWAY.com</a>	Waukesha, WI 53186
	Web: <a href="http://www.WOODWAY.com">www.WOODWAY.com</a>	USA

For faster processing of your request please have the following data and information available:

- Information on the name plate (specific model/serial number)
- An accurate description of the circumstances
- Customer number (if available)
- What action has already been taken

**Servicing:** The address of your local service center can be obtained from the manufacturer. After repair or re-installation, the actions listed under "Preparation and Placement" ([see Chapter 5.2 Page 19](#)) are to be performed as during installation.

#### **Name Plate:**

Each WOODWAY treadmill receives a serial number during production. Depending on the year of your model, it has an alphanumeric code with 7-8 characters or a numeric code with 9 digits. The serial number can be found on the name plate, which is mounted on the rear of the display or on the left front of the treadmill frame.

The name plate contains the device's main technical details.

The treadmill range of functions is stated on the name plate and on the delivery note. Refer to the nameplate data during service calls.

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

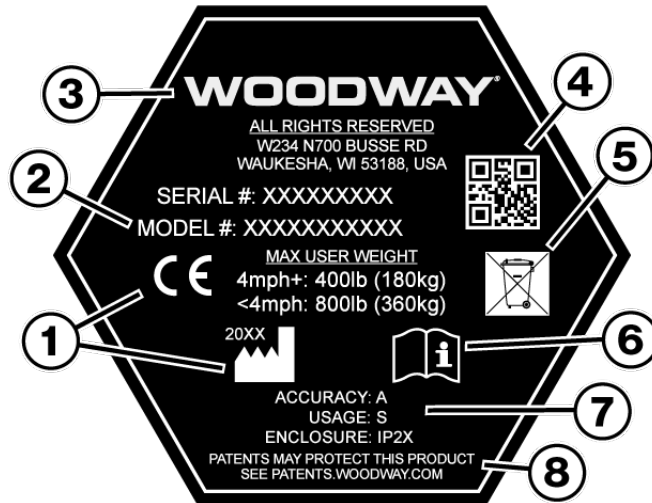
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20cm from nearby persons.

Operation frequency: 2402MHz ~ 2480MHz

Max. Output Power: -5.18dBm

This device complies with FCC's radiation exposure limits set forth for an uncontrolled environment.



If this manual has been printed, write the Serial Number, Model Number and Model Code in the spaces below, as they will be needed when contacting the WOODWAY service department.

**Serial Number:** \_\_\_\_\_  
**Model Number:** \_\_\_\_\_  
**Model Code** \_\_\_\_\_

- 1) Device CE symbol with number of the notified body if applicable, and Year Manufactured.
- 2) Serial Number, Model Number, and Model Code Number
- 3) WOODWAY's ® Logo and address
- 4) 2D Universal Identification Code for internal product classification
- 5) Do Not Discard Warning
- 6) Note to read and observe operating instructions
- 7) Accuracy and usage classifications, and enclosure rating (IEC-60529), ACCURACY: A  
USAGE: S, ENCLOSURE: IP2X
- 8) Patent notice



**2.5 EC Declaration of Conformity**



**EG-Konformitätserklärung**  
*EC Declaration of Conformity*

<b>Hersteller:</b>	<b>Europäischer Repräsentant:</b>
<b>Manufacturer:</b>	<b>European Representative:</b>
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Web: http://www.woodway.com	Web: http://www.woodway.de

Hiermit erklärt der Hersteller in eigener Verantwortung die Übereinstimmung der nachfolgend aufgeführten Produkte in der gelieferten Ausführung mit den anwendbaren EG-Richtlinienanforderungen:  
*Hereby the manufacturer declares in sole responsibility that the product in the form as delivered and described below is in conformity with the following European Directives:*

Richtlinie 2001/95/EU DES EUROPÄISCHEN PARLAMENTS UND DES RATES  
*Directive 2001/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL*

Richtlinie 2011/65/EU DES EUROPÄISCHEN PARLAMENTS UND DES RATES  
*Directive 2011/65/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL*

Richtlinie 2012/19/EU DES EUROPÄISCHEN PARLAMENTS UND DES RATES  
*Directive 2012/19/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL*

**Produktbezeichnung:** Motorloses Laufband (Laufbandergometer für Trainingszwecke)  
**Product designation:** *Motorless Treadmill (Treadmill-Ergometer for Training)*

**Typenbezeichnung:** Curve, Curve XL, Curve Trainer, Curve LTG  
**Product types:**

**Angewandte Normen:** ISO 20957-1: 2013-09  
**Used standards:** ISO 20957-6: 2021-02

Die Konformitätserklärung gilt für alle oben gelisteten Modelle, die ab dem 1. May 2023 durch WOODWAY USA Inc. hergestellt worden sind. Die Gültigkeit dieser Konformitätserklärung endet mit der Veröffentlichung einer Konformitätserklärung neueren Datums, falls dies durch technische Änderungen oder durch gesetzliche Änderungen der Normen und Standards erfolgen muss.

*The declaration of conformity is valid for all the models listed above, which were produced on after 1 May. 2023 by WOODWAY USA Inc. The validity of this declaration of conformity ends with the publication of a new declaration of conformity if this becomes necessary due to technical modifications or changes in the standards.*

Wisconsin 53186 USA, May. 1st, 2023




**Douglas Bayerlein**  
*Präsident / President WOODWAY USA, Inc.*

### 3 Transportation and Storage

#### 3.1 Safety Notices for Transportation

Check the treadmill for damage upon arrival. Also check and compare supplied accessories with the corresponding delivery note.

The manufacturer is not liable for damages and missing parts if this information was not recorded in writing on the delivery note upon delivery of the unit. Damage or defects must be reported to the carrier and to the responsible WOODWAY dealer immediately.

 <b>WARNING</b>
<p><b>Risk of Injury by machine Falling or Falling Over!</b></p> <p>Improper transportation of the device may lead to it falling over and causing injury or equipment damage.</p> <ul style="list-style-type: none"><li>• Only transport in compliance with the safety regulations.</li><li>• Only use the supplied carrying tubes for transport.</li><li>• Never lift the device using the railing or protective coverings.</li><li>• Ensure stable center of gravity and steadiness during transportation.</li></ul>

**WOODWAY Service** If necessary, transport or relocation can be organized and carried out by authorized WOODWAY service partners.

For further information please contact WOODWAY Customer Service.

#### 3.2 Flat Transportation

The Curve LTG treadmill can be transported, partially or fully assemble on a flat surface using a commercial grade transport dolly that is 30"x18".

**NOTE:** Side covers **MUST** be removed before setting the unit on the dolly to avoid cover damage



#### 3.3 Upright Transportation

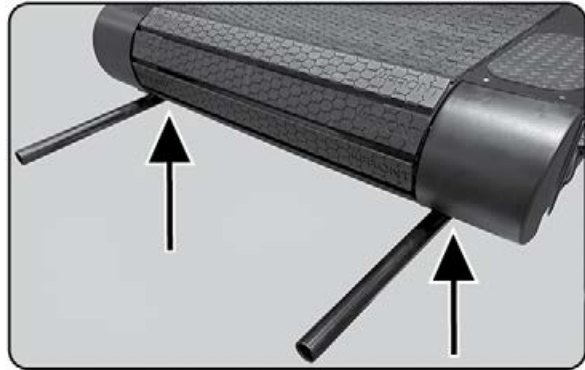
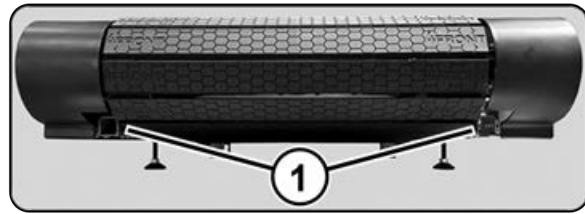
For narrow transport routes it is possible to transport the treadmill vertically (e.g. narrow door width or for climbing stairs). For this, handrails and side panels must be removed.

When transporting in an upright position, the device must be additionally secured against accidental tipping or rolling since the center of gravity is not in the middle of the device.

### 3.4 Transportation with Carrying Poles

Two lift bars (round steel tubes) are included as treadmill accessories. The lift bars can be inserted into the **Front Ports (1)** located at the front end of the treadmill frame. At the rear of the unit is a grab rail that can be used to lift the unit.

The side covers and railings can be removed to facilitate transport.



### 3.5 Storage

The device may only be stored in closed, dry rooms. It is absolutely necessary to prevent contact with moisture (rain, fog, etc.)

The following environmental conditions are prescribed for transportation and storage:

- Temperature: 0°F to 120°F (-18°C to +49°C)
- Relative humidity: 20-95% (not condensed)
- Air pressure: 700-1060 hPa

## 4 Dimensions and Technical Specifications

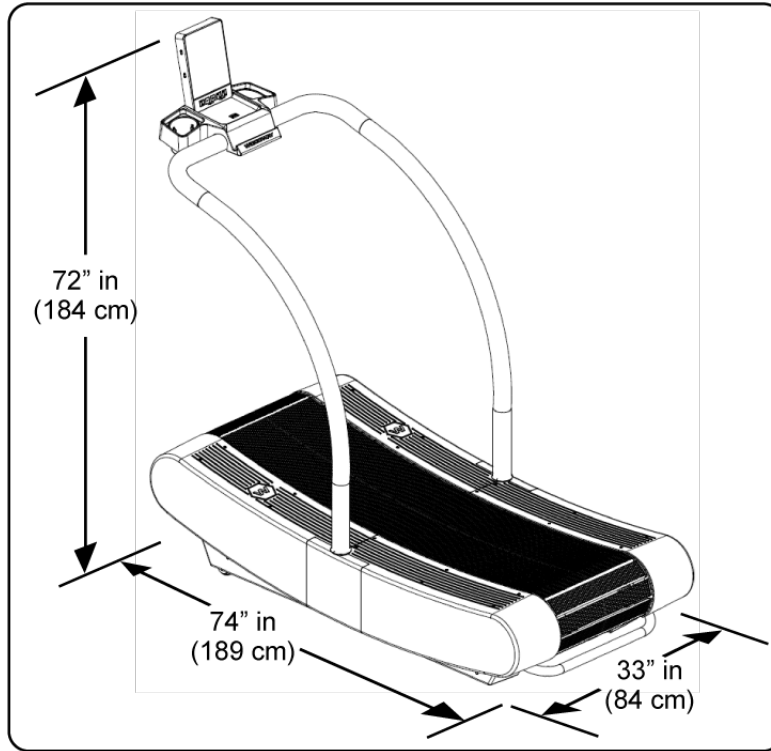
**Note:** Curve LTG treadmills have no drive motor. The display system is powered by an enclosed generator.

**Note:** This equipment is not intended for use in damp locations.

Running Surface	16.6" X 61.8" (42.2 cm X 157.0 cm)
Slats	60 Rubber on plastic composite
Drive System	98 Roller Bearings and 12 Guide Rollers
Overall Dimensions	34" W X 74" L X 72" H (86 X 189 X 184 cm)
Mass/Weight	296.8 lbs. (134.6 kg)
Standard Display (Self Powered)	Standard Display Board: Displays - Speed, Time, Energy, Group/Circuit Mode, Lap, Heart Rate (When paired with a smart device)
Power Requirements	N/A (Optional Charging cord 12V, 1.5A)
Variable Resistance	N/A

An Optional Charging Cord is available through WOODWAY Parts/Service Department to help keep the display charged in times of extended non-use. WOODWAY Part Number - 30-010175

**4.1 Curve LTG Model**



**4.2 Conditions for Use**

Description	Parameters
Ambient Temperature	50°F to 104° (10°C to 40°C)
Relative Humidity	40-95% (not condensed)
Enclosure Rating	IP2x

**5 Setup and Placement**

**5.1 General**

Ensure that the conditions applicable to basic safety and health requirements are met, and that Chapter 1 "Safety" has been read and understood.

Read owners manual instructions completely before installation.

Before using the unit, operational and functional safety systems are to be tested, including correct installation and operator instructions.

Check immediately upon delivery for any signs of transportation damage and immediately report any damages to the transport company and WOODWAY.

**ATTENTION**

**Installing after Storage or Transport**

The formation of condensation on the cooled electronic parts may cause the treadmill to malfunction and damage to the electronics.

- Before installing after storage or transport, the treadmill must stand at room temperature for approximately 3 hours to become acclimated.

## 5.2 Preparation and Placement

### ATTENTION

#### **Prepare a Stable Surface**

Before the device is installed, the surface must be prepared. The total weight of the device (with all the accessories and options) is to be considered.

- Prepare a stable and sturdy surface.
- Only install the device on a level, stable, and sufficiently sturdy surface. If necessary, install an additional base plate/floorboard.

Due to the heavy weight of the device, it is recommended to install the treadmill as close to its final location as possible.

### NOTICE

The WOODWAY Curve LTG fitness treadmill uses Metric screws, bolts and nuts for fastening and assembly.

The following further instructions for installation are to be observed:

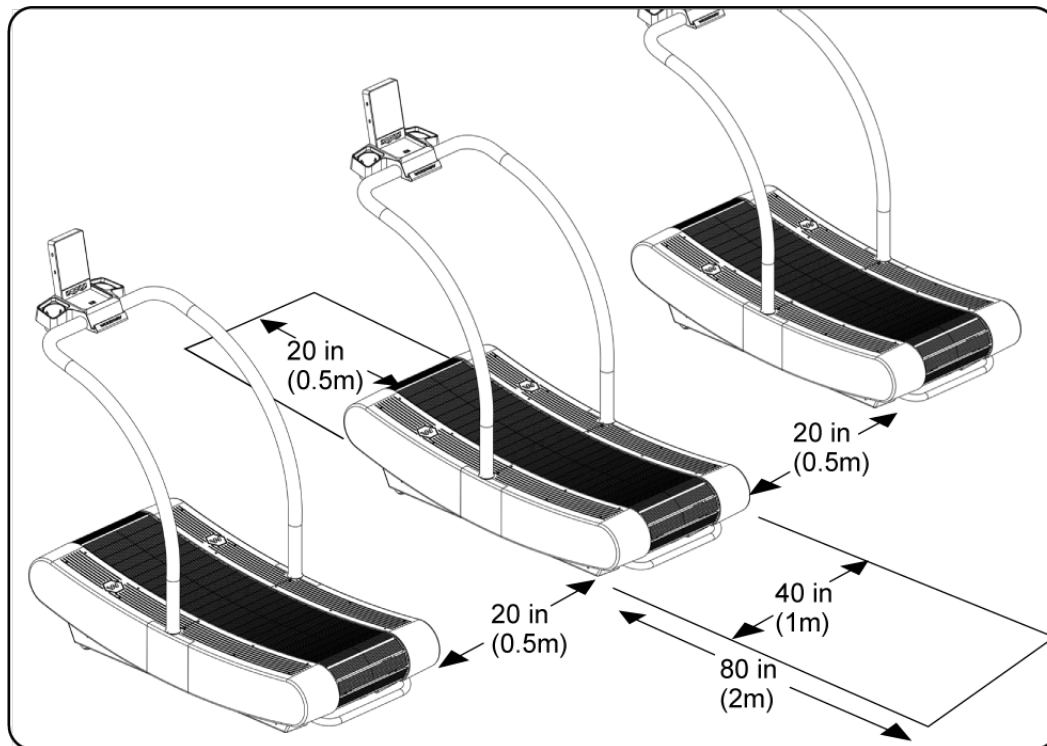
- When installed on upper floors, the device must be placed as far as possible in a corner of the room so that sufficient stability is guaranteed. The structure of the building must be checked in advance.
- The treadmill should not be installed close to a radiator or other heat source.
- Due to moving parts on the underside, the device must not be placed directly on thick or high-pile carpeting. In this case, a mat should be placed under the device. This will prevent lint from entering into the treadmill and at the same time reduce carpet wear.
- WOODWAY has appropriate mats available. For more information, call WOODWAY customer service.
- With larger devices, particular attention must be paid to the ceiling/floor load capacity at the installation site. This must be higher than the total weight (device weight plus the dynamic weight of a running person) and approved by an authorized authority with the treadmill representative.

### 5.3 Safe Fall Area

When using the treadmill, especially fast movements (fast running, etc) increases the risk of falling. For this reason, a safe fall area of at least 40in x 80in (1 x 2 m) must be maintained behind the treadmill.

No obstacles may be located in this safe fall area. Objects (e.g. furniture, plants, training materials, ladders, etc) may not be placed in this area, and sloping ceilings may not extend into the safety area.

When installing multiple treadmills ensure the distance between each unit is at least 20in (0.5 m).



## 6 Installation

### 6.1 Optional Tools

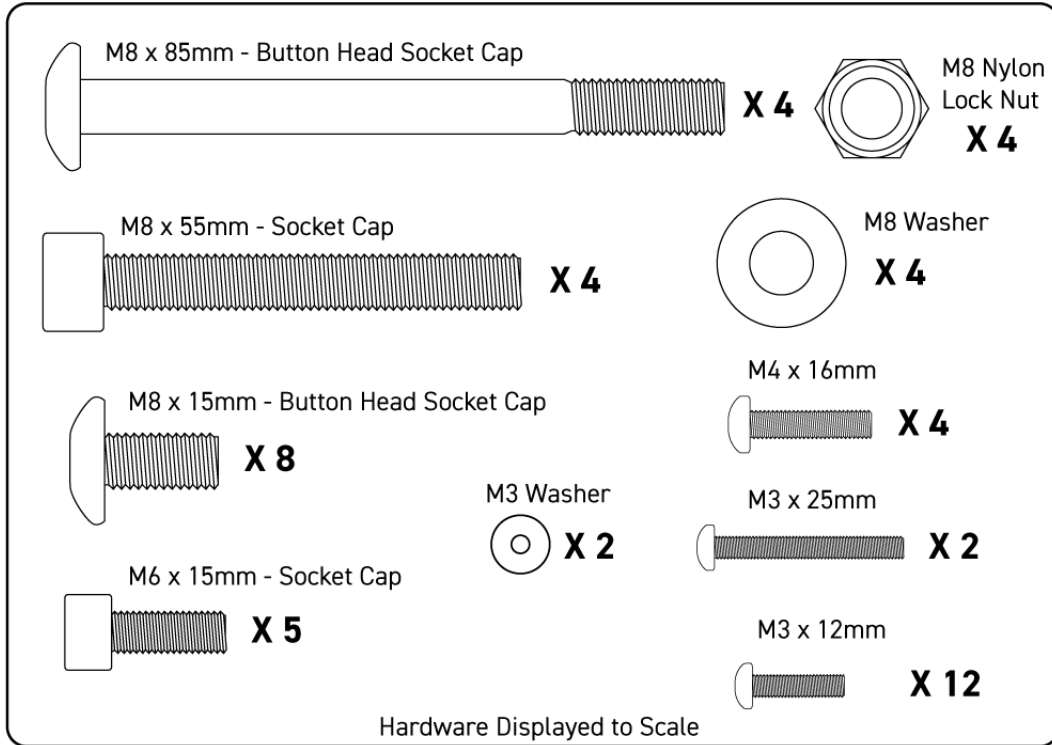
The Curve LTG ships with small tools for assembly, additional tools may aid in unpacking, and portions of assembly.

- 1/2" or 13mm Socket Wrench
- Box Cutter / Utility Knife
- Soft Blow Rubber Mallet

**6.2 Included Tools and Hardware**

Included small assembly tools:

- 2mm, 2.5mm, 5mm and 6mm Allen Wrenches
- 13mm Combination Wrench
- 19mm Combination Wrench



**Notes:**

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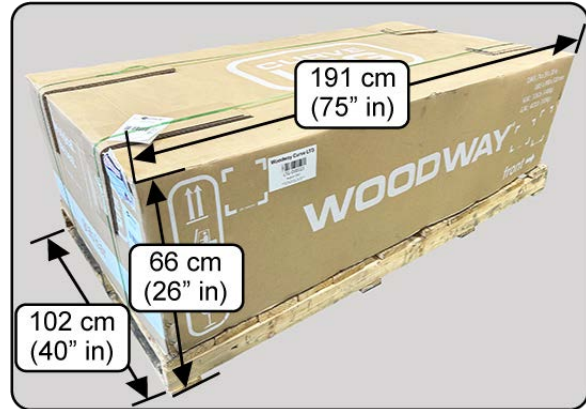


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## 6.3 Unpacking

- **WARNING:** To avoid injury, use caution when moving and lifting the Curve LTG during unpacking and assembly.
- Move the boxed unit as close to the final installation location as possible, keeping in mind the specified required Safe Fall Area.

1. The Curve LTG will be delivered enclosed in a shipping box, strapped to a wooden skid/pallet.  
Crated dimensions: 191 x 102 x 66 cm (75" L x 40" W x 26" H).  
Weighing 317 lbs (144 kg).  
Position the crated unit as close to the final installation point as possible, keeping in mind the recommended safe fall area [\(5.3 Safe Fall Area\)](#)



2. Cut the shipping straps and remove the top of the shipping box by lifting it straight up.

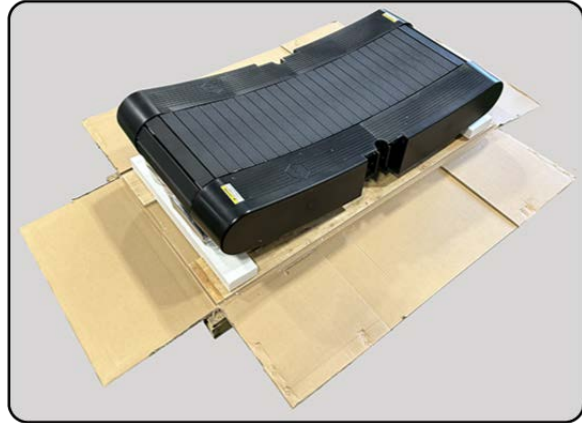


3. Remove the wooden internal braces by lifting them straight up. (Save for possible use later)  
Remove the **Accessory Packages (1)** and packing support foam inserts from each end of the box.





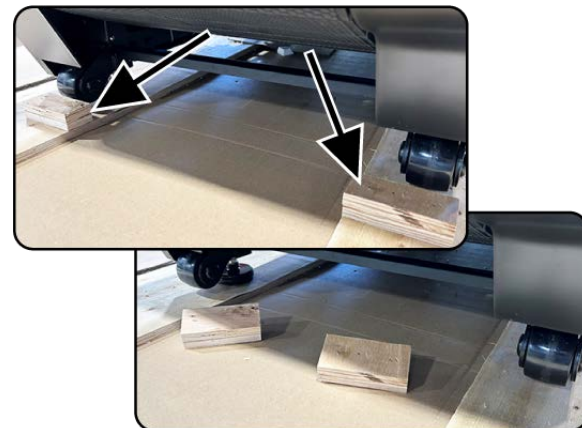
4. Cut each corner of the shipping box and fold down the sides as shown.



5. Carefully remove the two plastic side covers from under the front of the unit, and set them aside with the accessory packages. Remove the supporting packing foam from the front of the unit.



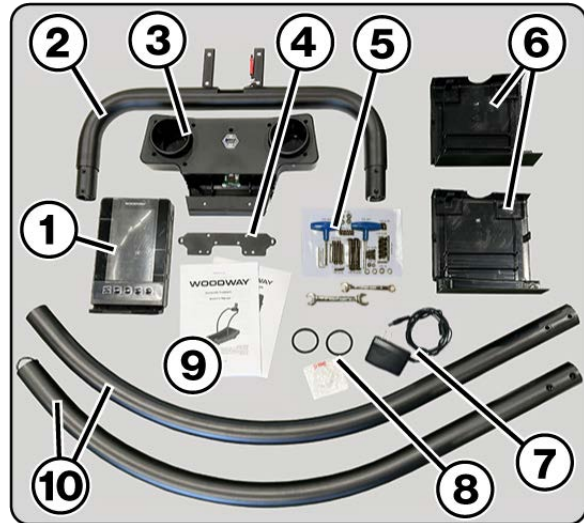
6. There are two front wheel stops nailed to the base skid support, remove them using a screwdriver or hammer to unattached them from the base support platform. This will aid in later unloading of the treadmill if it will be unloaded by rolling off the skid.



7. Pull the **Packing Support Foam (1)** from the rear of the unit, and slide the handrails out from beneath the unit.



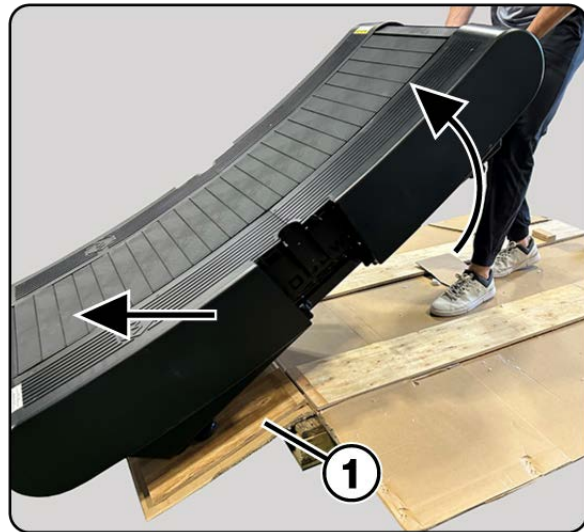
8. Take stock of Components:
  - 1) Control Console
  - 2) Control Console Support Hoop
  - 3) Control Console Support Tray
  - 4) Metal Console Support Plate
  - 5) Hardware and Tool Blister Pack
  - 6) Right and Left Side Covers
  - 7) AC/DC Adaptor 12.0V 2.0A 24W
  - 8) Handrail Grommets, Lithium Grease
  - 9) Manuals
  - 10) Right and Left Handrails



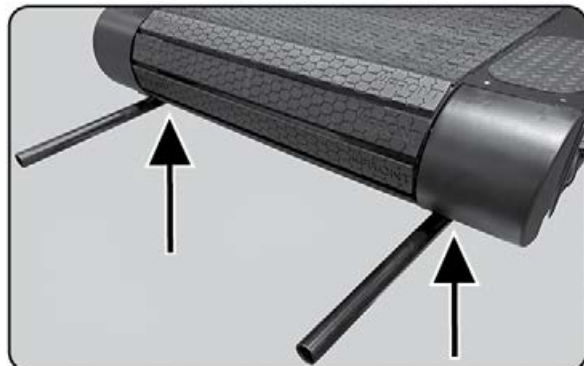
#### 6.4 Placement

1. Unloading the unit from the skid can be done in two ways.  
One is to use two pieces of **Wood (1)** left over from the shipping materials as "ramps" to roll the unit off the skid. At the rear of the treadmill there is a grab rail that can be used to lift the unit up and onto the treadmills two front wheels.

**Note:** Two people are recommended for this unloading method.



2. Lifting Poles Method: Two lift bars (round steel tubes) are included as treadmill accessories. The lift bars can be inserted into the ports located at the front of the treadmill frame. Using two or more people, the lifting poles, and rear grab rail can be used to lift and position the unit where desired.



**6.5 Main Chassis Assembly**

1. With the treadmill in position, assembly can begin by installing the handrails. Prepare the handrails for installation by sliding the supplied Handrail **Grommets (1)** onto the lower portion of the handrail as shown.



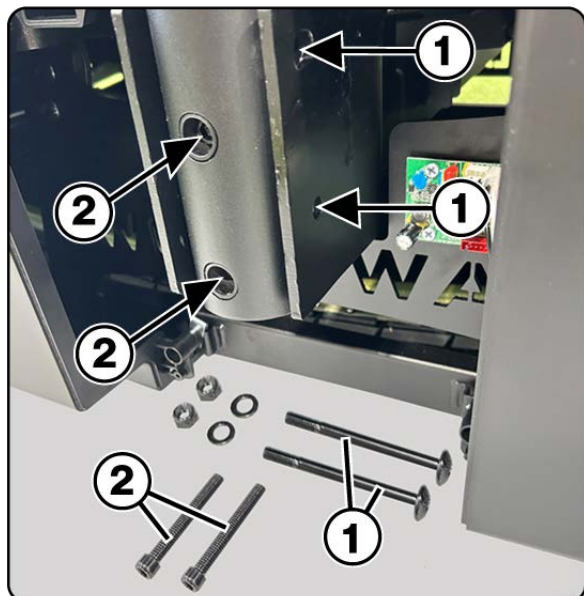
2. Position the Right Handrail as shown, pointing towards the front of the treadmill.  
**Note:** The Right Handrail is the rail that has wires running through it.



3. Position the handrail so the holes on the handrail align with the two holes on the mounting flanges.

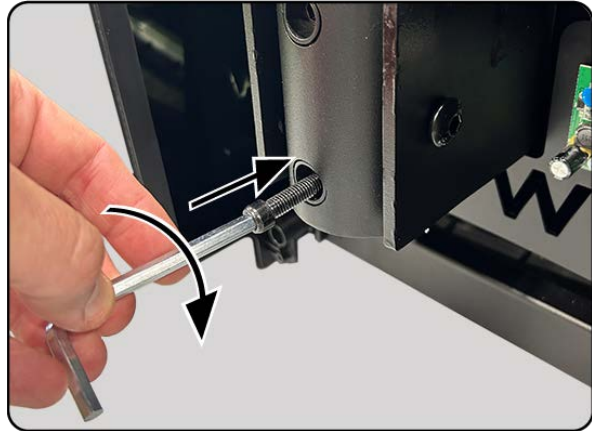
Install the Two **M8 x 85mm Button Head Socket Cap Bolts (1)** through the chassis flanges and handrail, install a washer and nylon lock nut on each bolt. **(Do NOT Tighten Bolts)**

Install the Two **M8 x 55mm Socket Cap Bolts (2)** into the side of the handrail (rotating/shifting the handrail may help to align the bolt holes in the chassis (See Step 4). Install the bolts a couple revolutions. **(Do NOT Tighten Bolts)**





- The Two **M8 x 55mm Socket Cap Bolts** get installed into recessed holes on the side of the handrail.  
Use a 6mm Allen Wrench to guide the bolt.  
While turning the wrench, gently shift the handrail to align the bolt with the threads on the chassis.

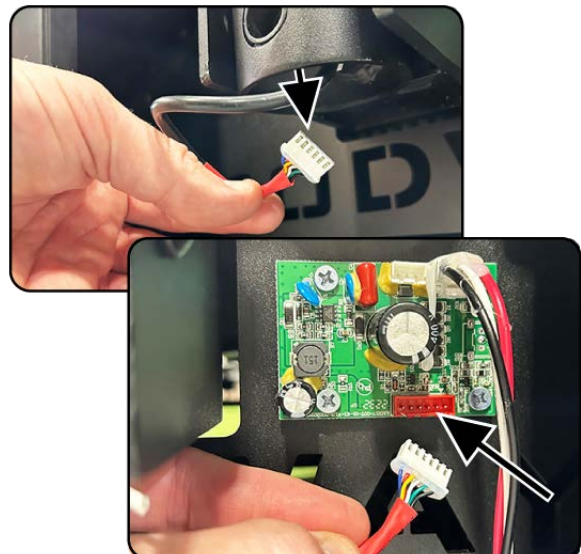


- Position the Left Handrail as shown and repeat the bolt installation procedure as described in steps 3 and 4 to mount the Left handrail.  
**(Do NOT Tighten Bolts)**

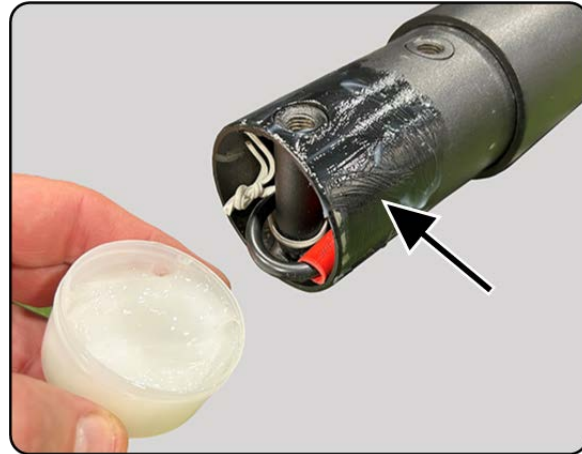


- Inside the Right Handrail is the electrical communication cord, carefully remove cord from the lower portion of the handrail.

Plug the cord into the circuit board just ahead of the handrail, ensuring the connector is securely inserted into the circuit board receiver socket.

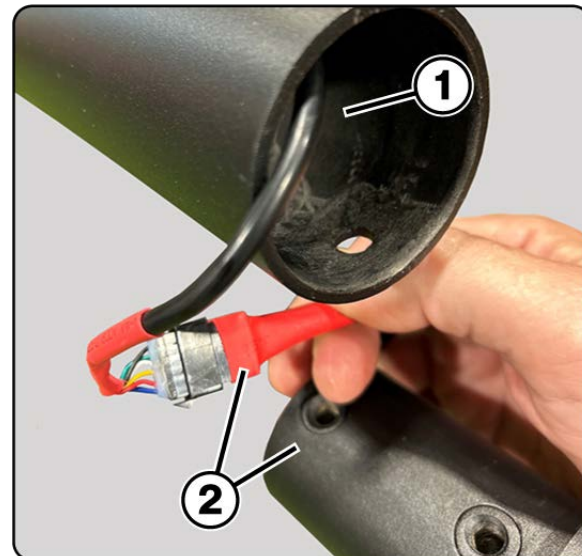


7. With the handrails installed, and the bolts NOT Tightened, the next step is to prep the ends of the Control Console Support Hoop.  
 Shipped with the treadmill is a small container of Lithium Grease, use a small amount to coat each end of the Support Hoop.  
 This will aid the installation of the hoop into the handrails.

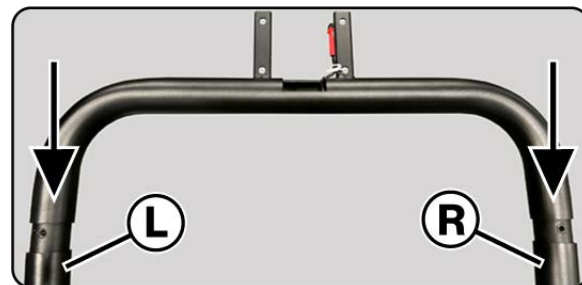


**NOTE:** The right side of the Support Hoop has wiring that will be connected to the wiring in the right handrail.

8. Carefully remove the wiring harness from the **Right Handrail (1)** and connect it to the wiring harness on the Right side of the **Support Hoop (2)**.



9. Insert the Support Hoop into the Left and Right handrails (use caution as to not pinch or snag the wires and or connector).



10. If the Hoop does not slide into the handrails easily, it can be gently tapped into position using a soft-blow rubber mallet. Tap the Support Hoop gently, alternating from Right to Left sides until it is seated completely into each of the handrails.



11. Install Two **M8 x 15mm Button Head Socket Cap Bolts (1)** into each of the handrails to secure the Support Hoop. Use a 6mm Allen Wrench to tighten the Support Hoop bolts.

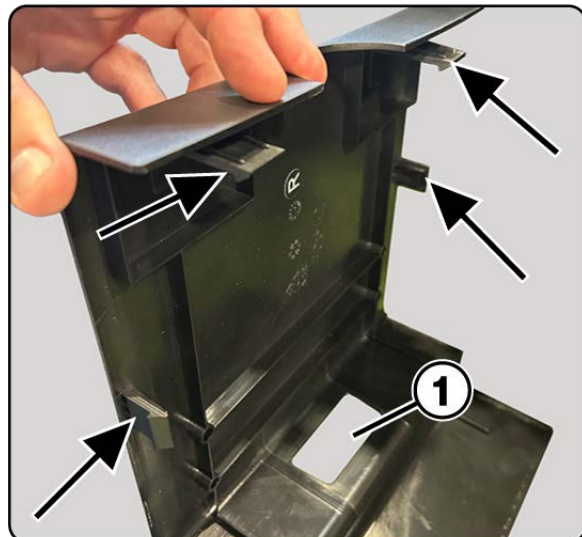
With the Support Hoop tightened, the lower handrail mounting bolts can now be tightened.

Use a 6mm Allen Wrench and 13mm Wrench to tighten all 4 bolts on each of the Handrails.

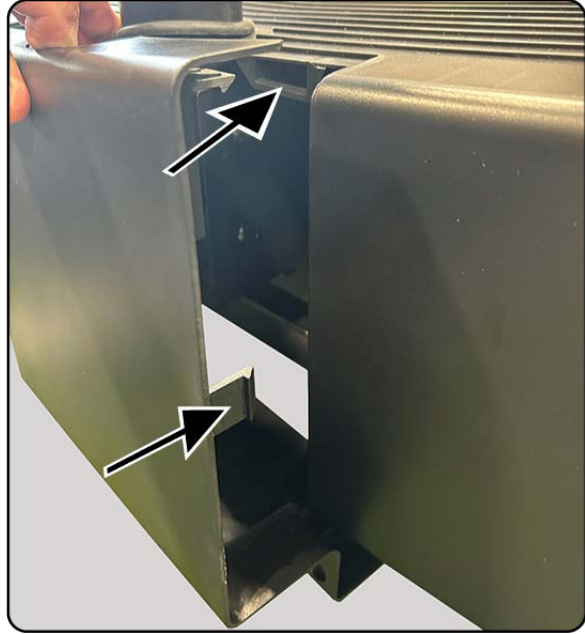


12. Install the Right and Left Side Panels. The Panels are labeled R and L for reference, note there are four locking that align with ports on the top of the main chassis covers and two on the sides that clip to the main panels.

At the bottom of the panel is an opening that is used as a grab point for removing the cover if needed.



13. Align the tabs to the ports as shown, insert the tabs and push the cover into place.



14. Secure the bottom of the cover using Two **M4 x 16mm Screws**.  
Repeat the process for the other cover.



15. With the side covers installed, slide the Handrail Grommets down into position as shown.

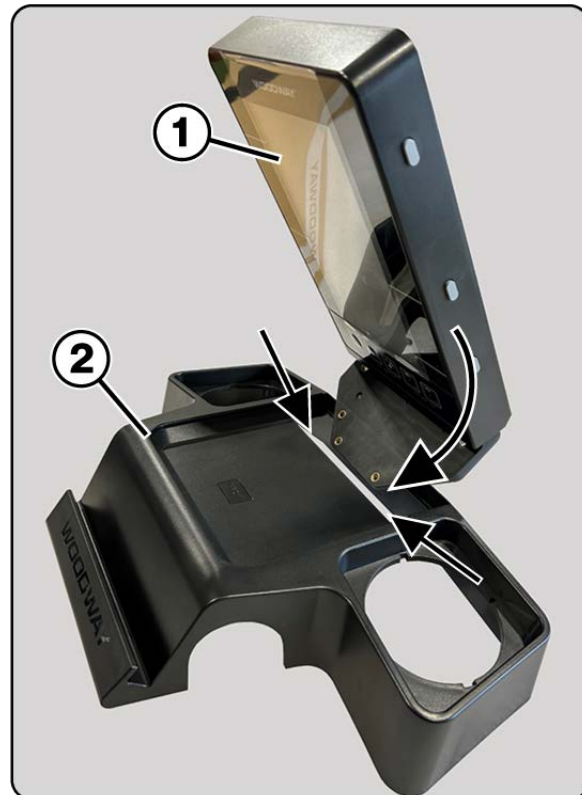


## 6.6 Control Console Assembly

1. Prepare the **Console Support Tray (1)**, by separating the **Lower Cover (2)** and **Drink Holders (3)** from the Main Support Tray.

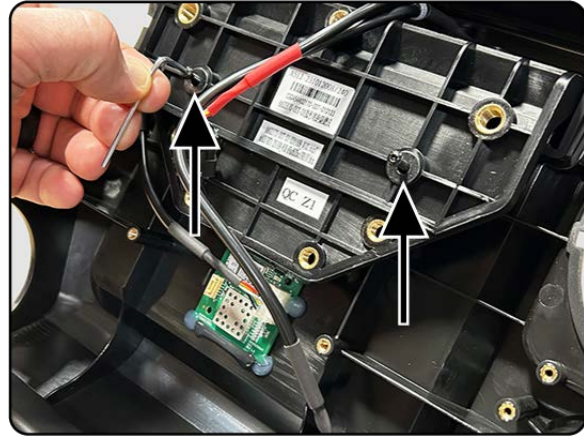


2. Install the **Control Console (1)** into the **Console Support Tray (2)** as shown. Feed the Two wire harness's through the rear slot in the Support Tray. Then slide the lower portion of the Control Console into the slot at the rear of the Support Tray while rotating it into position.

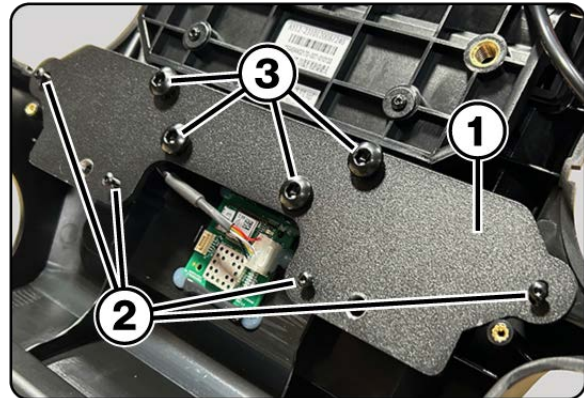




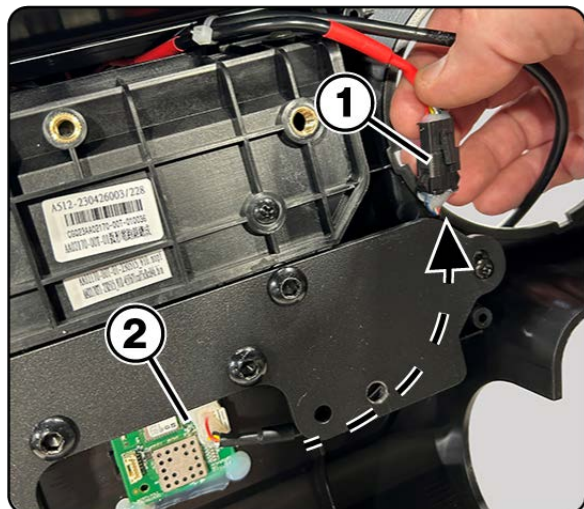
3. Rotate the assembly to access the bottom side and install Two **M3 x 25mm Screws**, and Two **M3 Washers** securing the Control Console to the Support Tray.  
2mm Allen Wrench



4. Install the **Metal Console Support Plate (1)** using Four **M3 x 12mm Screws (2)** and Four **M6 x 15mm Socket Cap Bolts (3)**.  
2mm Allen Wrench  
5mm Allen Wrench



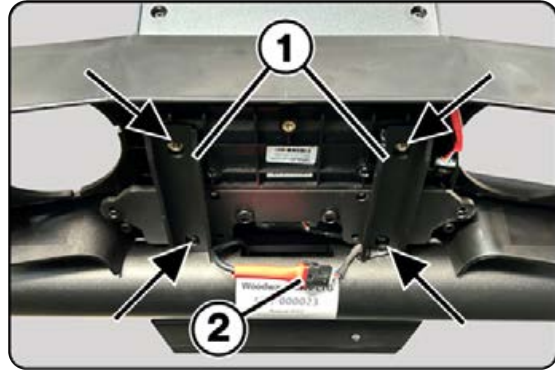
5. Connect the 5 Pin Wiring Harness from the **Control Console (1)** to the **Support Tray Circuit Board (2)**.  
Ensure the wires are beneath the Metal Support Plate, between the Plate and the Support Tray.



6. Set the assembled Control Console on top of **Support Hoop Rail Extensions (2)** as shown and secure the assembly using Four **M8 x 15mm Button Head Socket Cap Bolts**. Tighten all Four bolts using a 6mm Allen Wrench.

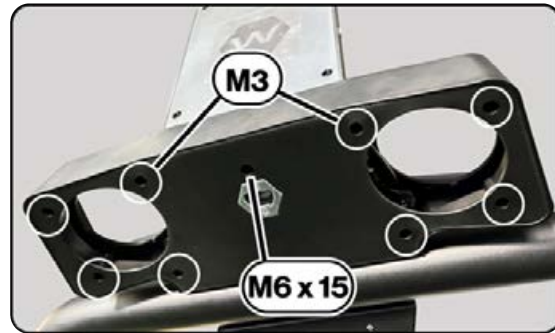
With the console attached, next connect the **Wiring Harness (2)** from the Support Hoop to the Control Console harness, ensure the connection is secure.

Carefully tuck the wires into the Support Hoop opening.



7. Install the Control Console lower cover using Eight **M3 x 12mm Screws** at the outer corners of the cover. 2mm Allen Wrench.

The Center Bolt just above the bottle opener uses One **M6 x 15 Socket Cap Bolt**. fasten using a 5mm Allen Wrench.



8. Install the two Drink Holders on each side of the Control Console assembly.

There are Four Tabs on the holders, one of the tabs is wider than the others, the wider tab is positioned towards the outer most edge of the console.

Align the tabs and push the drink holder into place.



### 6.7 Charging the Display

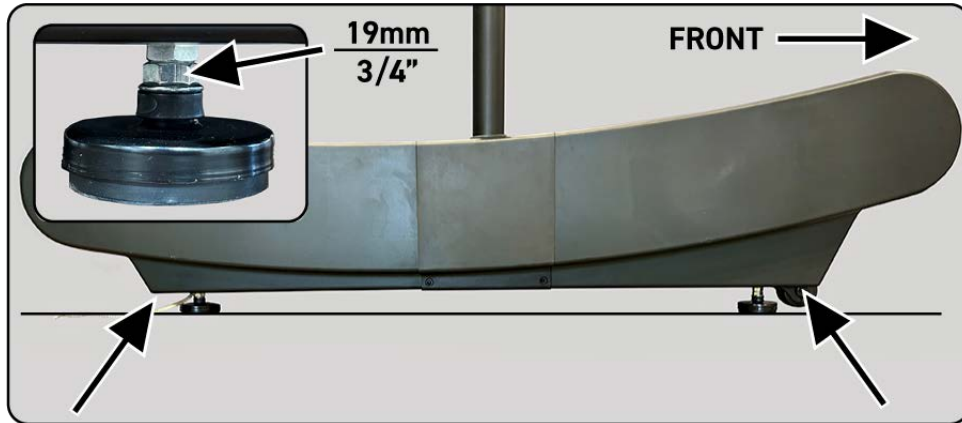
Curve LTG Control Consoles are fully charged from the factory, however some battery charge loss may occur during storage and transport.

Charge the unit for at least four hours prior to use to ensure optimal performance. Connect the supplied charger to the charging port located next to the front right leveling foot.

[See Chapter 14 for Battery Maintenance info.](#)



6.8 Leveling Instructions



Since the Curve LTG's running surface is curved, leveling the unit Front to Rear is done by ensuring the chassis is parallel to floor, use a measuring rule to ensure the chassis is the same distance from the floor surface at its furthest points. The front wheels should be an 1/8"-1/4" (3 - 6mm) from the surface of the floor when leveled.

Level the unit side to side by placing a level in the center of the tread surface.

Use a 19mm (3/4") wrench to make adjustments to the leveling feet at each corner of the chassis until it is level Right to Left, and the chassis is parallel to the floor Front to Rear.

Confirm leveling feet are equally weighted by carefully lifting the unit slightly at each corner.




**7 Product Description / Operation**

The Curve LTG is a non-motorized treadmill where the belt is controlled by the users stride and cadence on a innovated belt curvature that reduces joint, muscle, and tendon wear. The treadmill speed is controlled by changing position on the running surface; moving to the front increased the speed, while moving to the rear decreases the speed. The treadmill stops on its own as the user decrease their speed, it can take some time dependent upon the running speed. A multi-user display also allows easy training amongst groups, tracking and summarizing the stats of up to 4 runners. Connect your Heart Rate Monitor via Bluetooth®.

<b>ATTENTION</b>
<p>The user/owner or representative of the equipment is responsible for ensuring that regular maintenance and inspection of the treadmill is carried out.</p> <p>Defective components must be replaced immediately. The treadmill should not be used until it is repaired by a professional.</p>

**7.1 Safety Equipment**


**Safety Handrail:** The treadmill is equipped with a handrail that extends along both sides. This allows the user to maintain direct contact, so as to obtain safety and stability during training. For safety reasons, the user should hold on to the handrail when necessary (e.g. for stopping).

 <b>CAUTION</b>
<p><b>Risk of Injury Through Risk of Falling!</b></p> <ul style="list-style-type: none"> <li>• It is recommended to use the Hand Rail for mounting and dismounting.</li> <li>• During training, especially during the initial use of the device there is a danger of injury from falling.</li> <li>• Familiarize yourself with treadmill operation before training.</li> <li>• Hold on to the safety handrail during the first training program until you can move safely on the treadmill.</li> </ul>

**Dismounting in Emergency Situations:** A slip-resistant surface alongside the running surface, offering grip when dismounting, preventing slips off of the side panels. The slip-resistant surface should be checked periodically for wear and replaced if necessary.

In emergencies, dismount the treadmill as follows:

- Jump onto and straddle the side panels.
- Allow the running surface to gradually come to a stop.

 <b>WARNING</b>
<p><b>Danger Through Uncontrolled Running Surface Movement!</b></p> <p>By stepping on the rear-most part of the running surface where it is rounded, the force of gravity can set the running surface in motion. There is a danger of falling.</p> <ul style="list-style-type: none"> <li>• Ensure that the user does not step on the rounded part of the running surface when mounting and dismounting.</li> </ul>

## 7.2 For Your Safety

### CAUTION

- Consult your physician before beginning any exercise program, especially if any of the following pertain to you: history of heart disease, high blood pressure, diabetes, chronic respiratory disease, elevated cholesterol, smoker, experiencing any other chronic disease or physical impairments.
- Pregnant women should consult their physician before beginning an exercise program.
- If you experience dizziness, chest pain, nausea, or any other abnormal symptoms while using the treadmill, stop training immediately. Consult a physician before continuing.

For Safe Operation and successful training please read the following points for your own safety before starting to use the treadmill:

- The Curve LTG is non-motorized, the user controls the speed, including the rate at which the treadmill slows or comes to a stop. There is no motor on the treadmill, therefore there is NO Emergency Stop pull cord or lanyard. The treadmill will come to a stop on its own. It is imperative that all users familiarize themselves with the treadmill and its features.
- The Curve LTG belt moves freely, by stepping on the rear-most part of the running surface where it is rounded, there is a danger of falling, as the force of gravity can set the running surface in motion. Always mount and dismount the running surface from either side towards the rear of the treadmill, stepping on the lowest/flattest portion of the belt curvature. Always use the handrails when mounting and dismounting the treadmill.
- Keep hanging clothing and towels away from the running surface. Ensure that shoelaces do not extend beyond the bottom of the shoe sole.
- Keep the area behind the treadmill clear and make sure that there is a space of at least 80 in. (2 m) between the rear of the treadmill and walls or furniture.
- Keep hands away from all moving parts.
- Children and animals may NOT mount the treadmill!! Never leave children or animals near the treadmill unattended.
- Check the treadmill for defective or loose components before use and replace or repair if necessary.
- The belt moves freely, always mount and dismount the running surface from the rear of the treadmill. Always use the handrails when mounting and dismounting the treadmill from the rear.
- For safety reasons and in the case of an emergency dismount, hold on to the railing and straddle the running surface with your feet on the left and right side panels.
- Do not dismount the treadmill until the running surface stops moving.
- Wear suitable running shoes with a high degree of grip. Do not use shoes with heels or leather soles or running shoes with spikes. To protect your device, ensure that there are no stones in your shoe soles.



- Take a few minutes to get your heart rate in the desired training range. Walk slowly for some time after a training session to give your body enough time to cool down. During this time your heart rate will go back to the normal range.
- Never let loose objects (e.g. balls) roll under the treadmill. They could be pulled into the device during operation.

### **Running Shoes**

In order to prevent sore feet and sore muscles caused by incorrect footwear, the use of high quality running or jogging shoes is recommended. Ensure there is adequate heel and arch support.

## **7.3 Practical Training**

### **NOTICE**

#### **CONSULT A DOCTOR!**

If you are over 40 years old, have a heart condition, are overweight, or have not been involved in an exercise program for several years, a visit to the doctor is recommended before beginning an intensive training program.

### **7.3.1 Professional Consultation**

For all treadmill training beginners, it is recommended to seek the advice of a professional fitness instructor or personal trainer, to obtain an overall fitness assessment before starting an exercise program and develop an optimal training program.

For optimal use and safety during treadmill training, WOODWAY recommends running on the treadmill in an upright and natural running position and to avoid dragging foot movement.

### **7.3.2 Warm-Up and Cool Down**

A warm-up before each workout and a cool-down after each workout is recommended. If possible, you should always do some basic stretching exercises for the legs before and after training. The stretching exercises make you more flexible which prevents muscle soreness and injury during routine activities.

### **7.3.3 Proper Body Form**

When running or walking, it is important to maintain proper form to maximize efficiency and results and minimize the possibility of personal injury.

Keep your posture upright; avoid leaning forwards or backwards from the waist, as this can cause unnecessary back strain and decrease your efficiency. Keep your head, shoulders, and hips in line with each other and aim to have your foot strike the running surface in line with your center of gravity

(i.e. you should strike the running surface with the mid-foot or forefoot). If you land on your heels, you are over-striding and should shorten your stride in order to increase momentum and overall efficiency.

Keep your arms at your sides, either relaxed and naturally pendulum-like (walking) or with a loose 90-degree angle, bending at the elbows (running). Do not allow your hands to cross the center of your body or your shoulders to move from side to side.

**7.3.4 Training Frequency**

At the beginning of training allow yourself enough time to get into shape. After a break from training, you should also allow sufficient time to rebuild physical condition.

**7.3.5 Endurance Training**

The priority is regularity and persistence of training - not intensity. Fitness experts recommend in the beginning training 3 - 4 times per week within your target heart rate for at least 20 minutes per workout. Your primary objective should be, step-by-step, to reach a level of fitness with which you can easily keep your heart rate in the target range for 50 to 60 minutes, 4 - 5 times per week.

**7.3.6 Measuring Heart Rate**

To select the optimum fitness levels for the workout, it is important to determine your heart rate and pulse as accurately as possible.

For this, the use of a high-quality heart rate monitor is recommended.

In the event that you do not have a heart rate monitor, you can take your pulse by placing your fingers on the underside of your wrist or on one side of your neck. Look at the second hand of a clock and count how many beats you feel in 15 seconds. Multiply this number by 4 to calculate the BPM (beats per minute). Your heart rate is required when you do your fitness test.



**7.3.7 Calculating Heart Rate Measurement**

**Determine Heart Rate**

For selecting the individual training intensity, it is important to determine one's own heart or pulse rate. For this, the use of a heart rate monitor is recommended. The pulse can also be determined by placing the middle and index fingers together on one side of the neck (a few centimeters outward from the larynx). Count the number of beats within a 15 second period and multiply by 4 to determine the beats per minute (BPM).

**Maximum Heart Rate**

To determine your maximum heart rate subtract your age from the number 220 (general formula). The difference is an approximation of your maximum heart rate.

This formula is used by the American Heart Association (AHA) and the American College of Sports Medicine (ACSM). Your actual maximum heart rate is determined by a stress test performed by your doctor. The American Heart Association recommends undergoing a stress test if you have a history of heart disease or if you are over 40 years old and starting an exercise program.

**Heart Rate Recommendation**

During training it is recommended not to exceed a value of 85% of your maximum heart rate. Our programs are designed so that the heart rate remains within the target range. Your target range is between 60 and 75% of your maximum heart rate. If you find that your heart rate is above the 75%, you are probably running too fast. Reduce your speed or stop your workout for a brief moment to bring your heart rate back to the target range

Use the chart below to determine your heart rate range:

Age	Maximum Heart Rate (BPM*)	60% of Max Heart Rate (BPM*)	75% of Max Heart Rate (BPM*)	85% of Max Heart Rate (BPM*)
20	200	120	150	170
25	195	120	150	160
30	190	110	140	160
35	185	110	130	150
40	180	100	130	150
45	175	100	130	140
50	170	100	120	140
55	165	90	120	130
60	160	90	120	130
65	155	90	110	130
70	150	90	110	120
75	145	80	100	120

**7.3.8 Heart Rate Monitors**

The display was designed so that the user’s Heart Rate is indicated when compatible heart rate transmitters are paired Via Bluetooth®.

In order to display the user’s heart rate accurately on the screen, the built-in receiver display must receive a stable heart rate signal from the transmitter.

**! WARNING**

**Danger of Electrical Disturbance!**

- Using the transmitter from the heart rate monitor in conjunction with an electric pacemaker may cause electrical interference and influence the functionality. This could cause a health hazard.
- Never use the heart rate monitor together with an electric pacemaker.

**7.3.9 Applying the Chest Strap**

The transmitter should be applied centrally below the chest muscles. After the belt is fastened, pull it away from the chest by stretching the strap and moistening the conductive electrode strips which are located below the buttons. The transmitter operates automatically while it is worn. It does not work if the connection between the transmitter and the body is broken. Refer to Heart Rate Monitor Owners Manuals for further specific details.

**Positioning**

The sensor/transmitter is to be worn below the chest and above the abdomen, preferably directly on the skin (not over clothing), logo to the outside. Moisten the contact surface of the transmitter in order to transmit the best signal possible from the body to the measuring device.



**Cleaning**


The chest strap can be washed. Remove belt from the transmitter, taking care not to bend the electrodes. Wash the strap and electrodes with warm water and mild soap. Do not machine wash the electrodes and do not use alcohol or other harsh cleaning solvents. Since the transmitter can be activated by moisture, it should be wiped dry after cleaning. Never use force to clean the transmitter.

<b>NOTICE</b>
<p>It is possible that the heart rate measurement reception is irregular or completely disrupted when the measuring device is too close to strong sources of electromagnetic radiation, for example, in the vicinity of overhead power lines, televisions, computers, electric motors, or other fitness equipment. Only one transmitter should be used within range of a receiver since the receiver might otherwise receive multiple signals and transmit inaccurate readings.</p>

**7.3.10 Before Each Use**

Before the unit is put into operation, the following checks are to be performed:

- Running surface belt (dirt and damage to slats)
- Mechanical function of the handrail (clamping screws must be tight)

 <b>WARNING</b>
<p><b>Danger of Being Pulled into Moving Parts!</b></p> <p>In the event of a fall, long hair, loose clothing, shoe laces, or jewelry can be pulled into running surface entry points.</p> <ul style="list-style-type: none"> <li>• Remove jewelry and tie up long hair before using the device.</li> <li>• Ensure shoe laces do not extend beyond soles of running shoes.</li> </ul>

**7.3.11 Starting the Treadmill**

The Curve LTG is a non-motorized treadmill so there is no need for incoming power, the movement of the running surface powers a generator that supplies power to the control console. There is a charging port located on the lower front right corner of the treadmill that can be used to charge the internal battery for extended periods non-use.

To start the display carefully step on the lowest portion of the running belt and start the belt moving with a walking stride. At this point the screen will illuminate and a prompt will scroll across the “center hub” to either Start, or to choose a workout program.

The Control Console will shut off automatically if there is no sensor input for one minute.

**Note:** The automatic shut off / pause time can be adjusted in the “Defaults Menu” [covered in Chapter 9.](#)

The Control Console has a center LCD display that shows real time statistics and current operating mode, while side mounted, and lower console buttons allow the user to quickly change modes, settings and display preferences.

## 8 Control Console

The Curve LTG prioritizes HIIT (High Intensity Interval Training) with features such as:

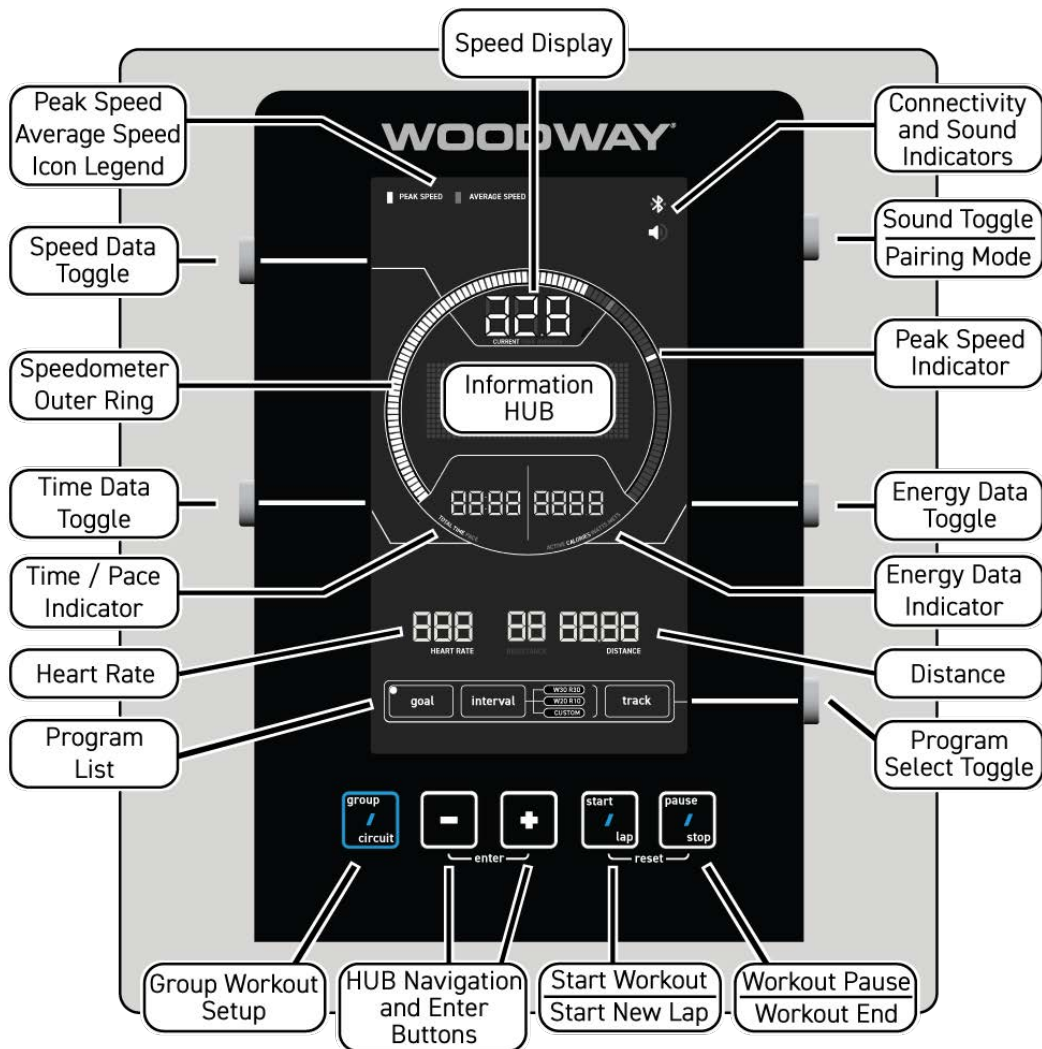
- Group/Circuit Mode/Competition Mode
- Defined Programs
- Custom Programs
- Dynamic Speed Targets

The Control Console gives users multiple connectivity options:

- Simple Bluetooth® connectivity (Heart Rate Straps)
- FTMS Bluetooth® Connectivity (Fitness Applications)
- NFC Tap to Pair (Apple Watch)
- ANT+

The Center of the LCD display is referred to as the HUB, the HUB displays Program Instructions and pertinent user information in scrolling multi segment LCD illuminations.

### 8.1 Control Console Overview



## 8.2 Description of Lower Control Console Buttons

**GROUP/CIRCUIT (1)** Pressing the Group/Circuit button to enable Group, Circuit, and Competition Modes. When Active the button is illuminated in Blue, when Non-Active the button is illuminated in White.

See [Chapter 8.5.5](#) for detailed instructions for Group, Circuit and Competition Modes.

**MINUS - / PLUS + (2/3)** Are used to navigate and modify program and workout settings in the HUB Display. Pressing Both +/- Buttons at the same time will Enter the desired settings.

**START/LAP (4)** Used to Start Programs and runs, allows users to skip warm ups in program modes. Pressing Start/Lap in "Free Run" mode (no program selected) the HUB will initiate a 3 second count down, at which point the Timer will start, and the workout can begin. Pressing Start/Lap during a "Free Run" resets run data, and resets the Time for a new "Lap Time". Note: Moving the Belt for 3 seconds continuously at 3Km/h will trigger a run start as well.

**PAUSE/STOP (5)** Tap the Pause/Stop button to Pause a current workout, the center of the HUB will display "PAUSE", and will shut the display down in one minute. Press the PAUSE/STOP button a second time will STOP the workout, and the HUB display will take a moment to calculate and display the finished workout summary.

To Resume a Paused workout press the **START/LAP (4)** button.

Holding the PAUSE/STOP button down for 3 seconds will end the workout, turn the display OFF, and clear the current workout data. Pressing both the PAUSE/STOP and START/LAP buttons simultaneously will "Reset" the current statistics to a zeroed start point.

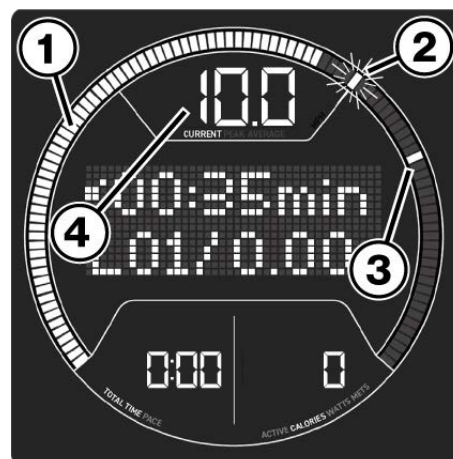
## 8.3 Speed Indicators

**Speedometer (1)** updates and moves around the center HUB to reflect the current speed.

**Average Speed (2)** is indicated by a "Flashing Node" which is constantly updated throughout the workout.

**Peak Speed (3)** is indicated by a "Single Node" that remains in position, until a new peak speed is reached then it will move to that speed point and remain.

**Top Center (4)** displays actual Speed.



**8.4 Description of Side Control Console Buttons**



The Curve LTG utilizes 5 side mounted function buttons used to “Toggle” or select various Data Modes and Programs on the LCD display.

The buttons have corresponding printed lines on the Control Console faceplate that align with the associated LCD function.

**TOTAL TIME/PACE TOGGLE (1)** Lets the user switch between viewing Total Time, or Pace, the LCD text will highlight in White for the chosen **Data Mode (1.5)**

**SPEED DATA UNIT SELECTION (2)** Allows the user to select Current, Peak, or Average Speed, the chosen Data Mode will highlight in **White (2.5)** **Note:** Long press **Speed Toggle (2)** will shift the units between English and Metric (shifting both Speed Readout and Distance Readout). Double press **Speed Toggle (2)** will reset the Peak Speed when in Free Run mode.

**SOUND AND PAIRING MODE (3)** Press the button once to mute/unmute the display. If muted program start chimes and input chimes will be silenced.

Bluetooth® Automatically connects when a users Bluetooth® Heart Rate Monitor gets close to the Control Console.

Long pressing the **Sound and Pairing Mode Button (3)** will disconnect the users Heart Rate Monitor and clear their data from the unit.

**ENERGY DATA SELECTION (4)** Lets the user switch between Energy Metrics. Calories, Watts, and MET's, the chosen Data Mode will highlight in **White (4.5)**

**PROGRAM SELECTION (5)** Pressing the button will navigate between programs. A round White Dot will illuminate in the upper left corner of the chosen program **Goal (5.5)**

## 8.5 Program Selection and Setup

To select the desired program, press the Program Selection button located on the lower right side of the control console. Each time the button is pressed a small White Dot will appear in the upper left corner of each program window highlighting the chosen program. Interval program will cycle through 3 sub-routines.

**Note:** Always warm up properly before beginning a workout.

### 8.5.1 Goal

1. Use the program selection button on the lower right side of the Control Console to highlight the **Goal Program (1)** from the program list.



2. A scrolling message to "SELECT GOAL" will appear in the upper portion of the HUB window. Use the Plus Button to scroll through the program choices, Time, Distance, Calories shown on the bottom portion of the HUB window.

3. Once the desired goal (for this example **Time (1)** is the chosen Goal) is showing in the HUB, press the **+/- Buttons (2)** simultaneously to select it.

4. The **Time Indicator (3)** will begin to flash prompting the user to input the desired "Time Goal".

5. Use the Plus/Minus Buttons to enter the desired workout/goal time. (Values are in one minute intervals).

6. Press the **Start/Lap Button (4)** and the HUB will display "GET RDY", a countdown will start, and in 30 seconds the program will start, and the **Time (3)** will begin to count down from its set value. The user also has the option to press the START/LAP Button a second time to start the workout immediately.

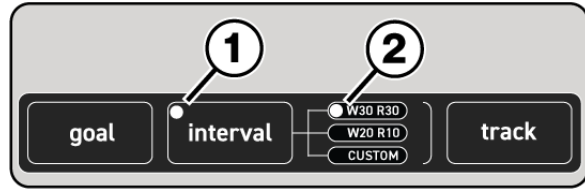


The above instructions were based on using "Time" as the goal, if Distance or Calories were chosen, the corresponding **Distance (5)** and **Calorie (6)** indicators would flash, prompting user input for desired values. Using the Plus/Minus Buttons enter the desired value, and press the START/LAP Button to begin the workout.

**8.5.2 Interval**

The Interval program has Two Default Programs and one Custom Program. Interval workouts are split into two types of efforts, Work (W) and Rest (R).

1. Use the program selection button on the lower right side of the Control Console to highlight the **Interval Program (1)** from the program row at the lower portion of the LCD screen. As the Interval Program is highlighted, the first of three sub-programs will be highlighted.



**W30 R30 (2)** which represents a workout that has the user Working for 30 seconds then Resting for 30 seconds.

Pressing the program button two more times will cycle the choices through W20 R10, and Custom Program.

**Note:** The set up of W30 R30 and W20 R10 are the same process, the only difference is the Work time and Rest time. (Work 30 Sec, Rest 30 Sec. / Work 20 Sec, Rest 10 Sec)

2. A scrolling message to “SELECT NUMBER OF INTERVALS” in the upper portion of the HUB window. Use the **+/- Buttons (1)** to set the desired number of **Intervals (2)** shown on the bottom portion of the HUB window.

3. Press the **Start/Lap Button (3)** and the HUB will display “GET RDY”, a countdown will start, and in 30 seconds the program will start.

The user also has the option to press the START/LAP Button a second time to start the workout immediately.

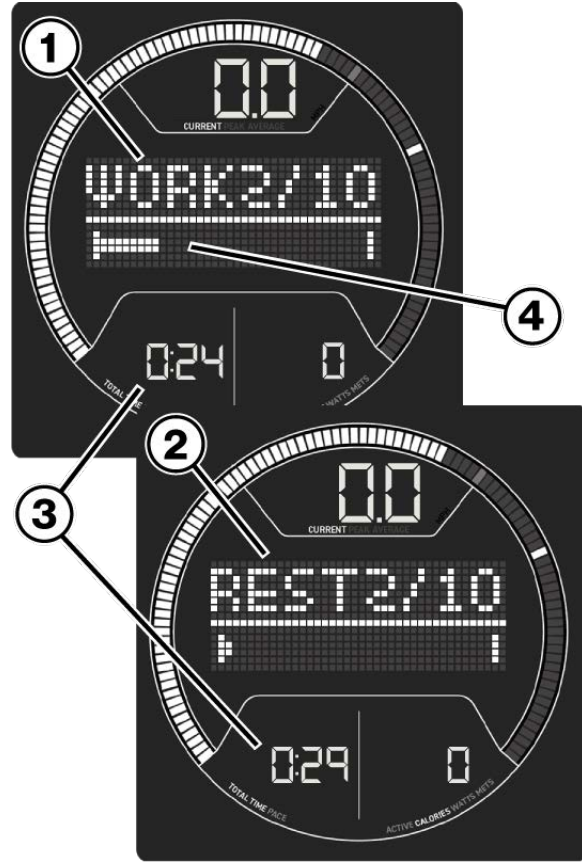




- When the workout begins the HUB will display the current **Status and Interval Number (1)**.

Starting with the "WORK" status for either 30 or 20 seconds, depending on which program Mode was chosen, and the **Timer (3)** will count down the current "WORK" Interval time.

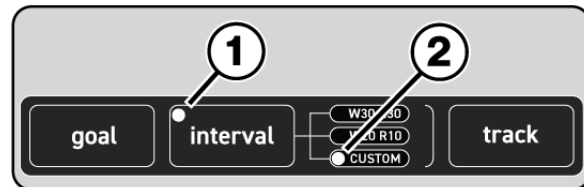
- When the "WORK" Interval has timed out, the HUB will display the "REST" (2) interval, and the **Timer (3)** will start to count down for the current "REST" Interval. A **Progress Bar (4)** gives the user a clear visual of the time as it progresses in each interval segment.
- Interval timers will continue to toggle from "WORK" to "REST" until the set number of intervals has been reached.
- When the final interval has timed out the program will end.



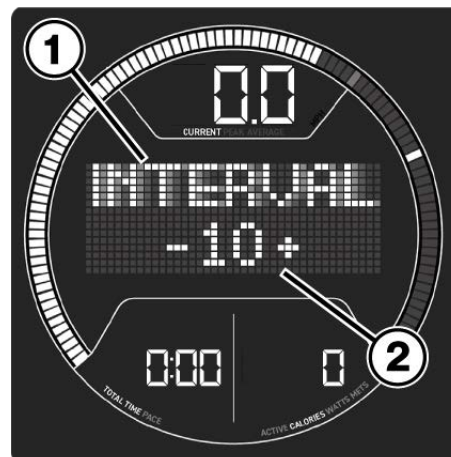
### 8.5.3 Custom

The Custom Interval Program lets users chose the desired Number of Intervals, and the duration of the "WORK" and "REST Intervals.

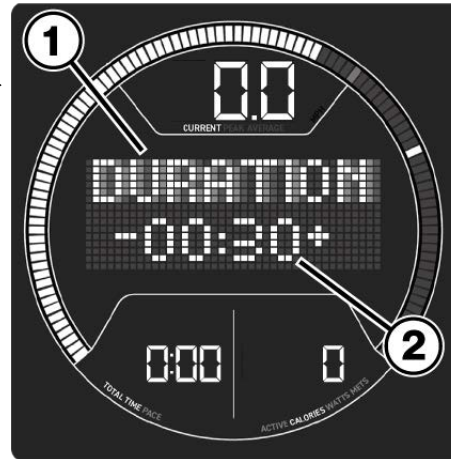
- Use the program selection button on the lower right side of the Control Console to highlight the **Interval Program (1)**. Press the program button two more times to highlight the "Custom" Program (2)



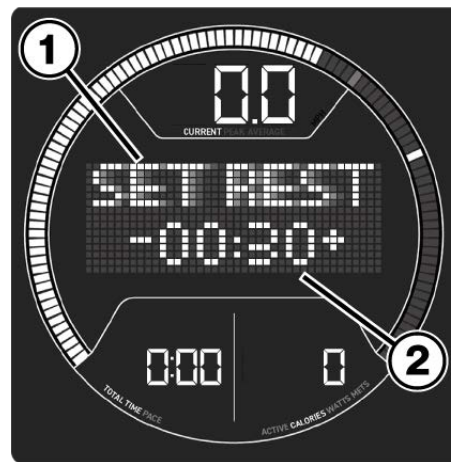
- A scrolling message to "SELECT NUMBER OF INTERVALS" (1) will appear in the upper portion of the HUB window. Use the +/- Buttons to set the desired number of **Intervals (2)** shown on the bottom portion of the HUB window.
- Then press the +/- Buttons simultaneously to enter/save the desired Number of Intervals.



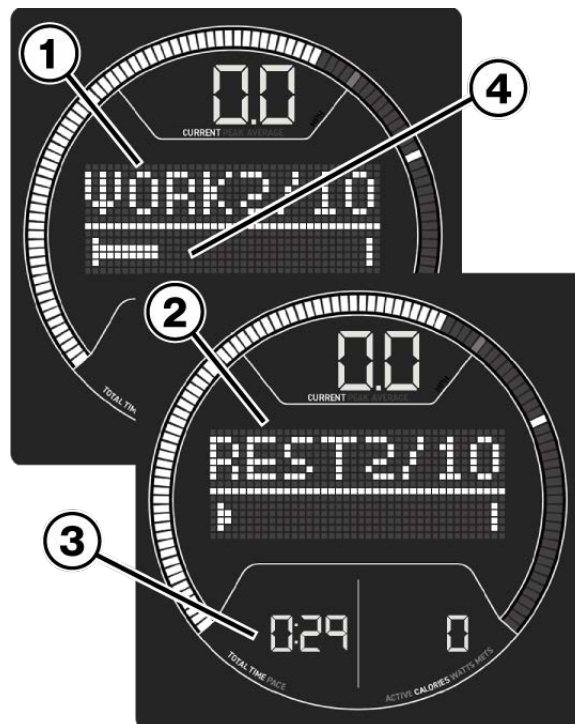
4. The next prompt will be to set the **“WORK DURATION” (1)**.  
Use the +/- Buttons to set the desired number for the **“Work” Duration (2)** shown on the bottom portion of the HUB window.
5. Then press the +/- Buttons simultaneously to enter/save the Work Duration value.



6. The final prompt will be to set the **“REST DURATION” (1)** Use the +/- Buttons to set the desired number for the **“Rest” Duration (2)** shown on the bottom portion of the HUB window.



7. Then press the +/- Buttons simultaneously to enter/save the Rest Duration value.
8. Press the Start/Lap Button at the lower right corner of the Control Console and the HUB will display **“GET RDY”**.  
A countdown will start, and in 30 seconds the program will start.  
The user also has the option to press the START/LAP Button a second to time to start the workout immediately.

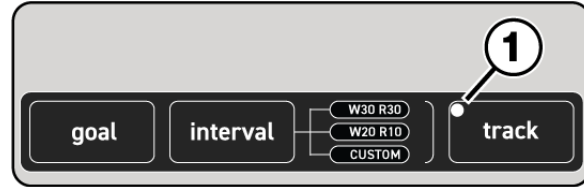


9. When the workout begins the HUB will display the current **“WORK” (1)** status then toggle to the **“REST” (2)** status.
10. The **“WORK”** and **“REST”** Intervals will display a count-down in the **Timer (3)** window, while a **Progress Bar (4)** gives the user a clear visual of the time as it progresses in each interval segment.
11. Interval timers will continue to toggle from **“WORK”** to **“REST”** until the set number of intervals has been reached.
12. When the final interval has timed out the program will end.

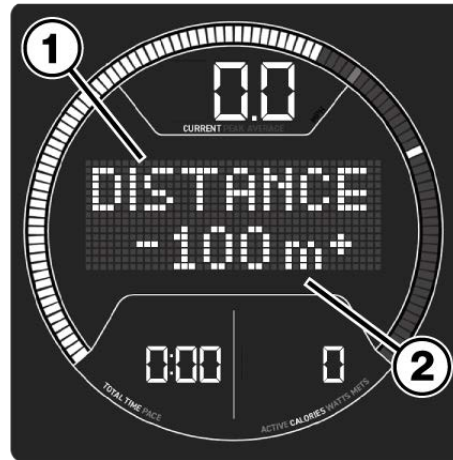


### 8.5.4 Track

1. Use the program selection button on the lower right side of the Control Console to highlight the **Track Program (1)** from the program row at the lower portion of the LCD screen.

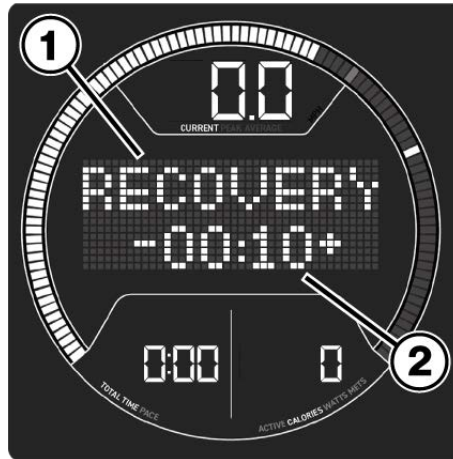


2. A scrolling message to “ CHOOSE A WORK DISTANCE” will appear in the upper portion of the HUB window. Use the +/- Buttons to scroll through the Distance choices, on the bottom portion of the HUB window.



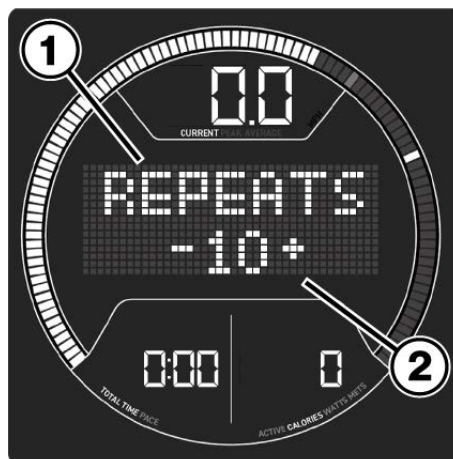
3. Then press the +/- Buttons simultaneously to enter/save the desired Distance value.

4. The next prompt will be to set the “**RECOVERY DURATION**” (1). Use the +/- Buttons to set the desired number for the “Recovery” **Duration (2)** shown on the bottom portion of the HUB window.



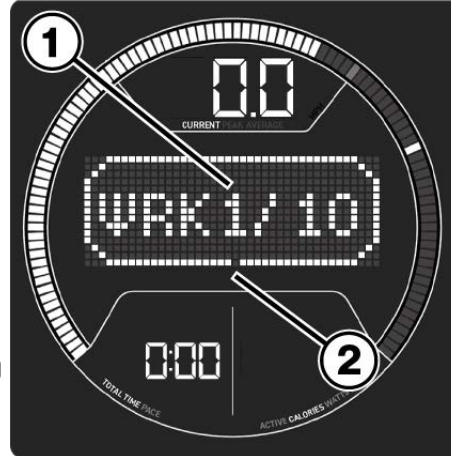
5. Then press the +/- Buttons simultaneously to enter/save the Recovery Duration value.

6. The final prompt will be to set the “**NUMBER OF REPEATS** (1) Use the +/- Buttons to set the desired number of **Repeats (2)** shown on the bottom portion of the HUB window.



7. Then press the +/- Buttons simultaneously to enter/save the Repeat value.

8. Press the Start/Lap Button at the lower right corner of the control console, and the HUB will display "GET RDY", a countdown will start, and in 30 seconds the program will start. The user also has the option to press the START/LAP Button a second time to start the workout immediately.
9. During the workout, the HUB will display the current **Repeat Number (1)**. An outer ring running track visual has a **Moving Segment (2)** that circles the track to represent the runners progress.
10. Nearing completion of the workout an Audible Alert will sound, (providing the alerts aren't muted) the user will be prompted to either continue, or to finish the workout. To repeat the workout press the START/LAP Button, to finish the workout press the PAUSE/STOP Button.



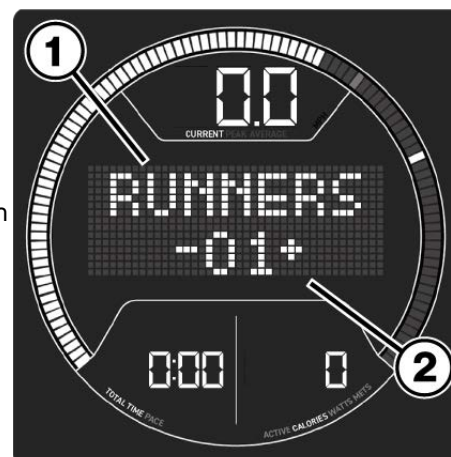
### 8.5.5 Group/Circuit

The Group/Circuit allows up to four runners to use the treadmill in a circuit type training environment. To set up the programming the users will choose the number of Runners, the Duration of each Segment, and the number of Segments.

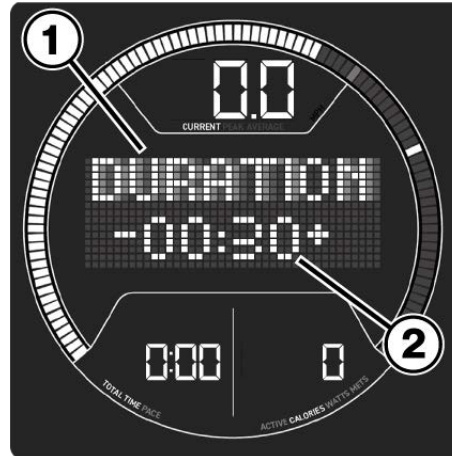
If one user is selected, Circuit Mode will be initiated, allowing the user to workout and retain run data.

If more than one runner is selected, Group Mode is initiated, allowing up to four participants to use the treadmill. Users agree to set the Duration of a Work Interval, and the Number of Segments for the circuit.

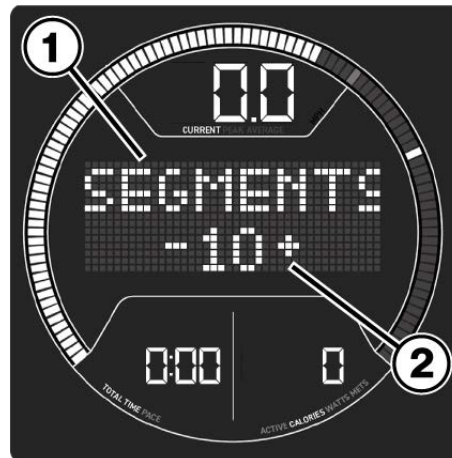
1. Press the GROUP/CIRCUIT Button at the bottom left of the Control Console, and the button will illuminate Blue to indicate the treadmill is in group/circuit mode.
2. Press the +/- Buttons simultaneously to start programming the "Circuit".
3. A scrolling message to "**SELECT NUMBER OF RUNNERS**" (1) will appear in the upper portion of the HUB window. Use the +/- Buttons to select the desired **Number of Runners (2)**.
4. Press the +/- Buttons simultaneously to Enter the Runner Number.



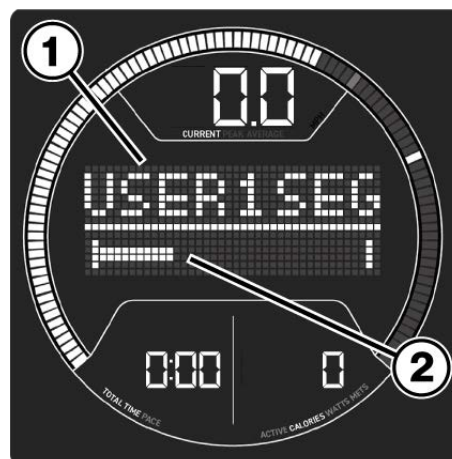
5. The next prompt will be to set the **“WORK DURATION” (1)**.  
Use the +/- Buttons to set the desired number for the “Work” **Duration (2)** shown on the bottom portion of the HUB window.
6. Then press the +/- Buttons simultaneously to enter/save the Work Duration value.



7. The final prompt will be to set the **“NUMBER OF SEGMENTS” (1)** Use the +/- Buttons to set the desired number of **Segments (2)** shown on the bottom portion of the HUB window.
8. Press the +/- Buttons simultaneously to enter/save the Segments value.  
The HUB will display scrolling text to prompt the user to Start or Restart Setup.
9. Press the Start/Lap Button at the lower right corner of the control console, and the HUB will display “Warm Up”, and scroll “Start to Begin”.  
Press Start/Lap a second to time to start the program.



10. The HUB will display **User 1 (1)** and scroll the current Segment Number, a **Progress Bar (2)** gives the user a clear visual of the time as it progresses in each interval segment.  
When the first users segment is done, the next users number will display, and the next runner can start by pressing the Start/Lap Button.
11. The Program will continue to run until all Segments have been completed.



**8.5.6 Competition**

To enter “Competition Mode” press and hold both the **Group/Circuit (1)** Button, and the **Side (2)** Button for 5 seconds.

The Group/Circuit Button will pulse Blue and White when “Competition Mode” is Active.

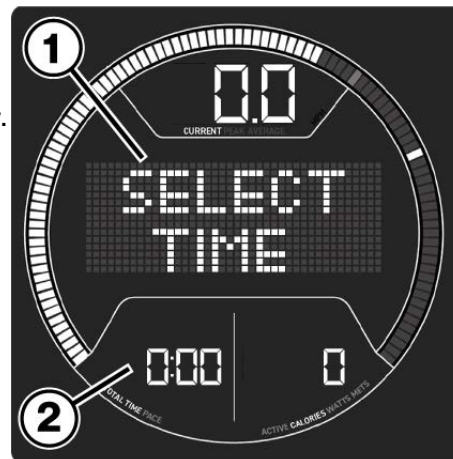
**Note:** The Console display will remain in “Competition Mode” indefinitely until manually reverted to default mode. If left in “Competition Mode” the display will remain on until the battery is exhausted. If this happens, the internal battery must be recharged by prolonged use of the machine. 4 hours of vigorous use is required to get the battery to a level where the display will remain on without timing out.

To Exit “Competition Mode” press and hold both the **Group/Circuit (1)** Button, and the **Side (2)** Button for 5 seconds. The Group/Circuit Button will STOP pulsing Blue and White when “Competition Mode” has been exited.



Competition Mode has 3 Goals that can be selected; Time, Distance, and Calories. Users can select the Target Metric (Goal), and the Specific Goal number itself (i.e. 30 minutes / 10 Miles / 1000 Calories etc...) and the number of repeats.

1. Enter “Competition Mode” by pressing both the Group/Circuit Button, and the Center Right Side Button for 5 seconds.
2. A scrolling message to “SELECT GOAL” will appear in the upper portion of the HUB window. Use the Plus Button to scroll through the program choices, Time, Distance, Calories shown on the bottom portion of the HUB window.
3. Once the desired goal (for this example **Time (1)** is the chosen Goal) is showing in the HUB, press the +/- Buttons (ENTER) simultaneously to select it.

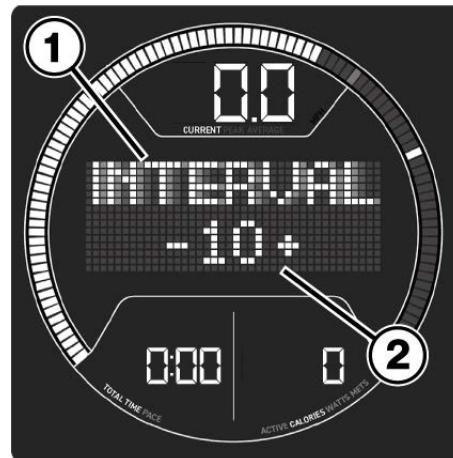


4. The **Time Indicator (2)** will begin to flash prompting the user to input the desired “Time Goal”.

5. Use the Plus/Minus Buttons to enter the desired workout/goal time. (Values are in one minute intervals).
6. Then press the +/- Buttons simultaneously to enter/save the Work Duration value.

The above instructions were based on using "Time" as the goal, if Distance or Calories were chosen, the corresponding Distance and Calorie indicators would flash, prompting user input for desired values. Using the Plus/Minus Buttons enter the desired values, then press both the +/- Buttons to save the section.

7. A scrolling message to **"SELECT NUMBER OF INTERVALS" (1)** will appear in the upper portion of the HUB window. Use the +/- Buttons to set the desired number of **Intervals (2)** shown on the bottom portion of the HUB window.
8. Then press the +/- Buttons simultaneously to enter/save the desired Number of Intervals.
9. Press the Start/Lap Button at the lower right corner of the control console, and the HUB will display "Interval" Number 1 of selected interval numbers and will continue to run until complete, or reset.



### Resetting the Program

Resetting the program will happen automatically after 60 seconds upon completion of a programmed workout (i.e. 10 repeats of a 400m distance goal). The program can also be manually reset by pressing and holding the "Pause/Stop" and "Bottom Right Side Button" for five seconds.

Upon a successful program reset, either after timeout or manual reset, the console will still be in "Competition Mode" and retain the program setup from the previous round (10 repeats of 400m distance goal).

Resetting the program can be done at any time while display is in "COMPLETE" state overriding the 60 second timeout: Reset by pressings the Side Program selection Button, and the Group/Circuit Button5 simultaneously for 5 seconds. Resetting competition mode allows user to change goal program from one goal to another for the next phase of the competition. (For example, competitors completed the distance portion of the competition and now need to complete a time portion

### Resetting "Competition Mode"

Resetting "Competition Mode" is done by bringing the console out of and back into "Competition Mode." This will allow you to change the goal (i.e. 10 repeats of a 30 second time goal instead of the previous goal of 10 repeats of a 400m distance goal).

To reset "Competition Mode" press and hold the "Group/Circuit" and "Center Side Button" for 5 seconds. When "Group/Circuit" button stops flashing blue and white, repeat the sequence to re-enter "Competition Mode."



**9 Software Management**

The Control Console software includes management functions that allow users to adjust/set workout defaults as well as viewing error codes.

To enter the “Default Menu” press and hold both the **“Speed Data Toggle” (1)** and the **“(+) HUB Navigation Button” (2)** for 5 Seconds.

Use the +/- buttons to navigate through the menu options.

- 01) Default Speed Unit** - Adjustable from mph to kph.
- 02) Default Weight Unit** - Adjustable from lbs to kg.
- 03) Default Distance Unit** - Selectable units Mile, Meter, Yard, or Km. (See Page 44 for Details)
- 04) Default User Weight** - Improves accuracy when measuring calorie expenditure.
- 05) Default Pause Time** - Adjusts time for display to go dormant. Adjustable from 00:30 to 05:00.
- 06) Default Countdown for Summary Display Time.** Adjustable from 00:30 to 03:00.
- 07) Resistance Mode** - OFF - Non-Adjustable.
- 08) Default Resistance** - -Lo+ = Non-Adjustable.
- 09) Life Distance** - Tracks overall Distance/Usage for the life of the treadmill - Non-Adjustable.
- 10) Display Refresh** - Controls the speed of scrolling messages on the HUB information screen. Adjustable from Slow / Mid / Fast.
- 11) LCD Test** - When turned ON, the display will illuminate ALL LCD elements for verification.
- 12) About Information** - Displays current version - i.e. LTG.V2.07



**Adjusting Parameters:**

If an Option Parameter is Adjustable it may be changed by pressing the +/- Buttons simultaneously until the lower parameter line starts flashing. With the lower adjustment segment flashing, use the +/- buttons to select the desired setting, then press both the +/- Buttons simultaneously to Enter the setting. Hold down the Start/Lap Button for 3 seconds to save the settings.

## 10 Cleaning and Maintenance

### WARNING

#### **Danger of Injury due to Lack of Qualifications!**

If maintenance or repairs are not carried out by professionally qualified personnel, serious injury and material damage may occur.

- Maintenance and repair work may only be performed by qualified personnel.
- It is the sole responsibility of the representative to assign qualified personnel for maintenance and repair work.
- Clean and examine the machine regularly for damage and or wear, paying special attention to areas susceptible to wear.
- In case of doubt or questions, always contact WOODWAY Customer Service or your dealer.
- The manufacturer is not liable for personal injury and material damage caused by a lack of qualifications!

### 10.1 Cleaning

Periodic cleaning and inspection of your WOODWAY treadmill will help prolong its life while keeping it looking like new.

With this preventative maintenance it will be easier to identify possible issues that might otherwise be overlooked.

### DANGER

#### **Danger of Death by Electric Shock!**

The use of water and liquid detergents as part of a cleaning can cause serious or fatal electrical shock.

- Although the Curve LTG is a 'Non-Motorized" Treadmill, there is a potential for electric shock as there is an optional charging accessory cord that requires a 110V outlet.
- No liquids may come in contact with electrical parts such as the control console.
- Do not spray the device with a water jet.

Below is a guideline of recommended cleaning and maintenance intervals.

The running surface should be thoroughly cleaned at regular intervals, depending on the intensity of use.

Remove light dirt and dust with a soft cloth. Dirt can be removed with damp cloth and mild soapy water. After cleaning dry with a dry cloth!

Cleaning Notes:

- Do not use abrasive brushes or abrasive cleaners, as the paint and plastic surfaces can be scratched.
- Do not use sharp tools (e.g. knife, metal scraper) or aggressive cleaning solvents for cleaning.
- Clean all surfaces with a mild, non-abrasive detergent (eg. 409 or Fantastic, diluted with water to 50/50).

- To avoid damage to component surfaces, observe the instructions for detergent use.
- For cleaning and disinfection of parts that are touched (handrail, display, controls, etc.) a formaldehyde-free rapid disinfectant such as “Bacillol plus” or “Descosept” is recommended.

## 10.2 Maintenance Intervals

### **DANGER**

#### **Danger of Death by Electric Shock!**

Maintenance and inspection work on the unit may cause serious or fatal electrical shock.

- Disconnect the optional charging plug prior to any maintenance and inspection work on the equipment. The device must not be connected to the power.
- Ensure the device cannot be switched back on.

### **Weekly Maintenance**

- Clean handrails, display, and side covers with a damp cloth.
- Disinfect handrails and controls.
- Clean the running surface with a damp, lint-free cloth.
- Visually check the power cord for damage.
- Check the treadmill for mechanical damage.
- Check mounting of all controls (display, emergency stop mushroom, side panels)
- Clean the area under the treadmill (vacuum and mop).

### **Annual Maintenance**

- Vacuum the inside of the treadmill. For this, remove the railing and the panels.
- Check all screw connections for tightness. Tighten loose nuts and bolts.
- Tighten set screws to 68 in-lbs.
- Clean the running surface.
- Check the toothed belt. Replace if teeth are missing or the belt is badly worn.
- Lubricate the roller bearings on the front and back. ([See Sub Chapter 13.1](#))


### **CAUTION**

#### **Risk of Injury Through Risk of Falling!**

Worn or damaged components must be replaced immediately. If the observed deficiency can cause danger to the user or operator of the treadmill, it needs to be taken out of service until repaired..



## 11 Warranty Information

	Frame	Running Belt Moving Parts	Remaining Parts	Labor
<b>Home Use</b>	5 years	3 years	1 year	1 year
<b>Commercial Use</b>	5 years	3 years	1 year	1 year

WOODWAY warrants that all products and accessories will be free from manufacturing defects according to the applications/terms listed above. The warranty period commences on the original date of purchase.

This warranty is given only to the original purchaser. This warranty does not cover damage or equipment failure resulting from misuse, abuse, or failure to comply with electrical codes. Further, this warranty shall not apply if there is any modification to the products or accessories or if there is a failure to provide maintenance procedure documentation as outlined in the Owner Manual.

**WOODWAY GIVES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED.  
THE WARRANTY OF FITNESS FOR A PARTICULAR USE IS HEREBY DISCLAIMED.**

The buyer's remedy for breach of the expressed warranties contained herein shall be limited to the return of the product and accessories and repayment of the original purchase price. However, provided at WOODWAY selection, it may repair and replace the non-conforming goods or parts. WOODWAY shall not be liable for any incidental or consequential damages.

A Preventative Maintenance Program will protect your investment and keep your treadmill running like new.

Contact WOODWAY Service for information on Preventive Maintenance programs to help you get the most from your treadmill for years to come.

[WOODWAY Service Contact 2.4](#) (page 13)



## 12 Troubleshooting

### NOTICE

Except for the maintenance work described in chapter 10, the treadmill can only be checked and repaired by qualified personnel.  
If necessary, contact the WOODWAY dealer or service center.

If you have problems with your non-motorized treadmill, please consider the answers to the following questions before calling WOODWAY Customer Service:

- What is the serial number?
- What happened before the problem occurred?
- Did the problem occur suddenly or slowly over time?
- Was the treadmill in use when the problem occurred?
- Explain any other signs which can provide information for correcting the error.

### 12.1 Display Will Not Turn On

- If treadmill is connected with the optional wall charger, make sure the charger is plugged in and the outlet has power.
- The treadmill may need to be used for up to 4 hours at 3 mph or more to charge the battery to a level where the display will remain on with-out timing out.
- If the display still does not function properly, contact WOODWAY Customer Service.

### 12.2 Running Surface Belt is Stuck/Difficult to Move

- Check for any obstacles around or under the belt and remove them if possible.
- Remove side panels and ensure that the belts are properly aligned on rollers.
- Contact a WOODWAY Customer Service technician to determine where the cause of the problem could be.

### 12.3 Squeaking Sounds

- Toothed belt rubbing against guide roller: Grease edge of belt with a universal lubricant.
- Broken guide roller or roller bearing: Contact WOODWAY Customer Service to replace broken bearings or parts
- Timing belt rubbing against the pulley: Grease the edge of the timing belt with a small amount of all-purpose grease.

**Note:** *Excessive grease can cause clotting and collection of dust.*

### 12.4 Electrical Static

- Placing a thick durable PVC, rubber, or foam mat under the treadmill helps to eliminate a lot of static.
- Clothing - Synthetic materials like polyester and nylon build up a significantly higher static charge, natural fabrics like cotton and bamboo tend to create/retain less static charge.
- Many times in winter months when the air is the driest the lack of humidity can cause excessive static charge. Placing a humidifier in the room with the treadmill and maintaining a humidity level between 40 to 60 percent can lower static charge in the air.
- Routine maintenance of wiping down the slats with 50/50 mixture of water and fabric softener, and or spraying the slats with Anti-Static spray will help eliminate static.

Through product research and testing WOODWAY has found that Staticide #520 to be a superior product in the elimination of static build up on treadmill surfaces.

Applied to the running surface prior to use greatly reduces static build up and charge.

However the environment plays a large part in static charge build up, with the number one factor being humidity or lack there of.

It is recommended to keep the Curve LTG in an environment of 40 to 95% humidity.

During winter months or in dry climates it may be necessary to employ the use of a humidifier to bring humidity levels within proper operating range.

Staticide is available on-line from multiple vendors: the link below is just one of many sources to find Staticide brand static remover.



[Amazon.com: ACL Staticide 520 Regular Heavy Duty Topical Anti-Stat, 4 oz Trigger Sprayer Bottle : Health & Household](#)

### 13 Cover Removal and Component Access

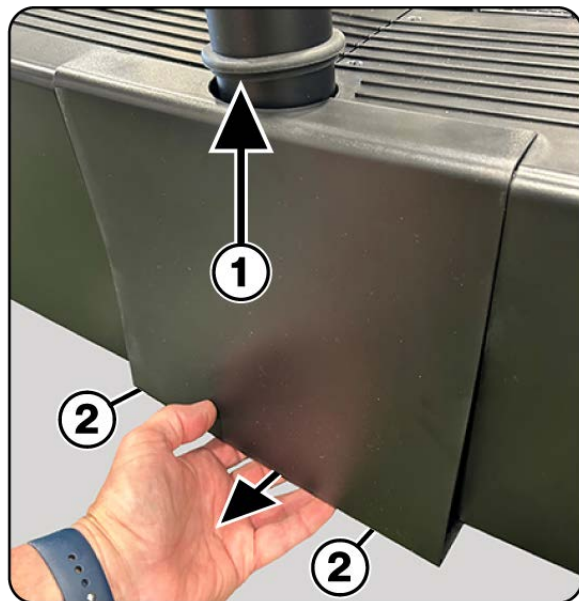
Needed Tools: #2 Phillips Head Screwdriver.

1. To access internal components for maintenance and or repair the covers must be removed.

Start by Sliding the **Handrail Gasket (1)** up out of the way,  
Remove the **Two Lower M4 X 16MM Screws (2)** that hold the Center Side Cover in place.

Under the bottom edge of the cover is an access opening, grab the cover and carefully pull it away from the chassis.

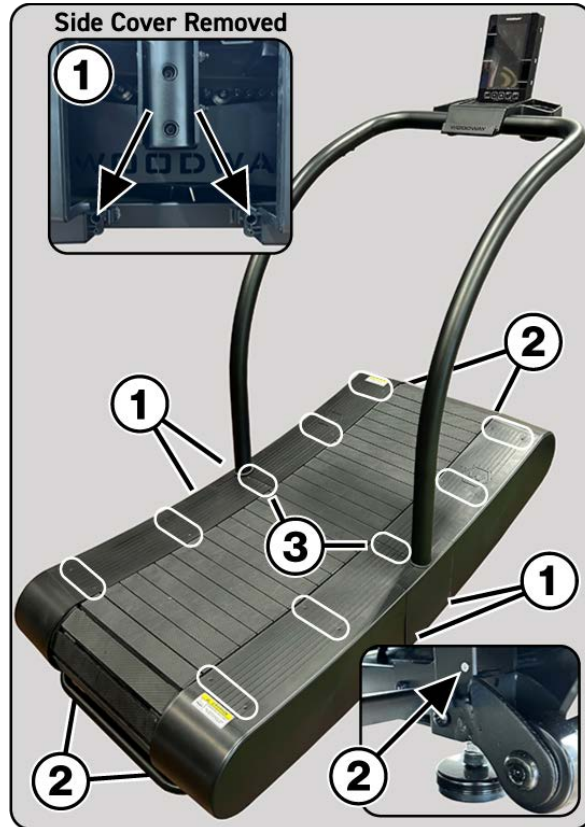
**Note:** This procedure is the Same for both Right and Left side Center covers.



2. With the Side Center Covers removed the remainder of the covers may be removed.  
 Inside where the side covers have been removed are **Two Screw Locations (1)** that secure the Front and Rear Covers, remove as needed.  
 Underneath each corner of the chassis there are **Securing Screws (2)** for each cover panel, remove as needed.

The remainder of the panel cover screws are located on the tops of the panels, (White Oval Locations) the **Center Most Screws (3)** hold both the front and rear cover in place, and must be removed in order for either front or rear cover to be removed.

Cover Panel installation is reversal of the removal process.



**13.1 Bearing Maintenance:**

**Required Supplies:**

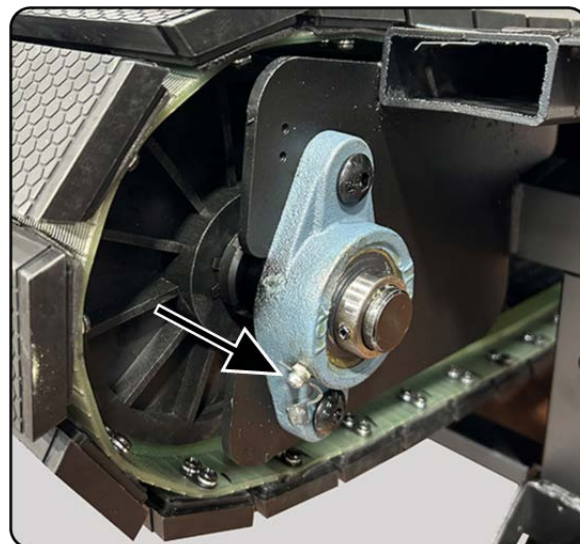
- Grease Gun with flex hose
- #2 Phillips head screwdriver

Grease bearings Annually

The 4 bearings located on the at each corner of the chassis must be lubricated once a year using a grease gun.

Remove the side covers using a Phillips head screwdriver to gain access to the bearings. Attach the grease gun to the **Zerk Fittings** and gently squeeze one pump of grease into each bearing (pumping grease to fast can blow-out the seals on the bearings).

Bearings used in the guide rollers and track support are sealed and do not need to be greased.



**13.2 Running Belt Adjustment:**

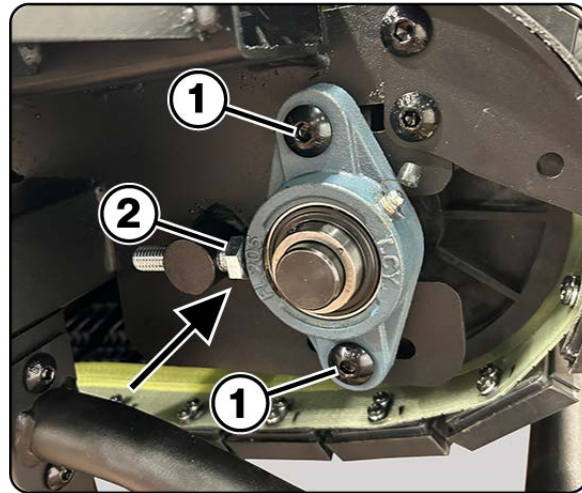
The Running Belt is calibrated from the factory, and should not need adjustment. Over time and use the belt may need minor adjustment. Contact WOODWAY Service for details and guidance concerning adjustments and parts replacement.

**Required Supplies:**

- #2 Phillips Head Screwdriver
- 6mm Allen Wrench
- 17mm Combination Wrench
- 18mm Combination Wrench
- Ruler or Tape Measure

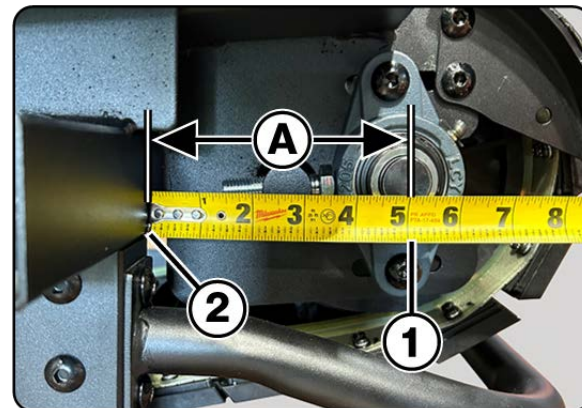
1. Following the instructions in Chapter 13 to remove both Right and Left side and rear covers.

Located at the Right and Left rear portion of the chassis are the Belt Tension Jack Bolt assemblies. The bearing housings are secured with two **Allen Bolts (1)**, use a 6mm Allen Wrench and 17mm Combination wrench to loosen the nuts and bolts on each side of the unit. Do Not Remove the nuts and Bolts. The **Jack Bolt (2)** is used to add tension to the bearing assembly.



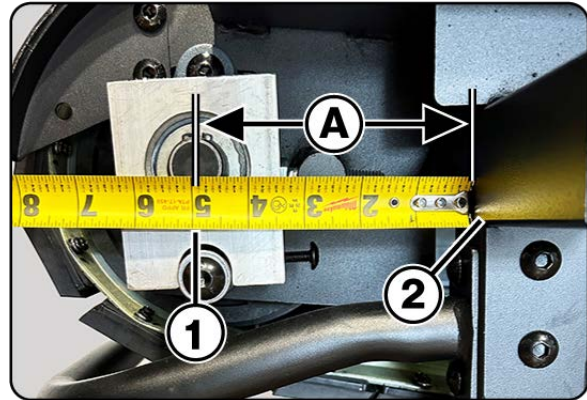
2. Using a 17mm Combination wrench adjust the Jack Bolt until Dimension A is between 4.875"/5.125" (124mm/131mm). Measurements are taken from the **Center of the Cross Shaft (1)** and the **Vertical Edge of the Chassis (2)**.

Left side shown in the upper diagram, Adjust Both Right and Left side, and ensure they measure as close to each side as possible.



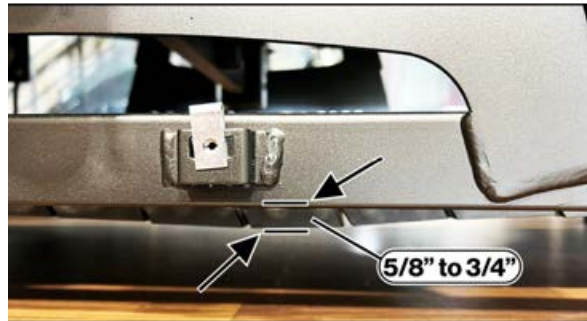


- Adjust the Right side Using a 17mm Combination wrench adjust the Jack Bolt until Dimension A is between 4.875" /5.125" (124mm/131mm). Measurements are taken from the **Center of the Cross Shaft (1)** and the **Vertical Edge of the Chassis (2)**.



**NOTE:** The Right Side Bearing Assembly has an aluminum bearing block assembly mounted to it. This is a One-Way Bearing that ensures the Running Belt does NOT travel backwards. Do Not tamper with or remove this assembly.

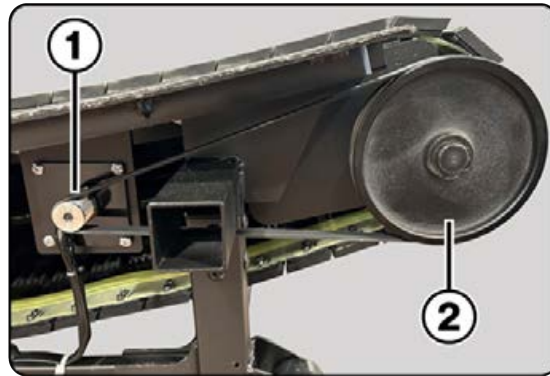
- When adjusted correctly the distance from the lower edge of the chassis frame rail to the lowest portion of the belt surface **Should Measure 5/8" to 3/4" (16mm to 20mm).(A)**



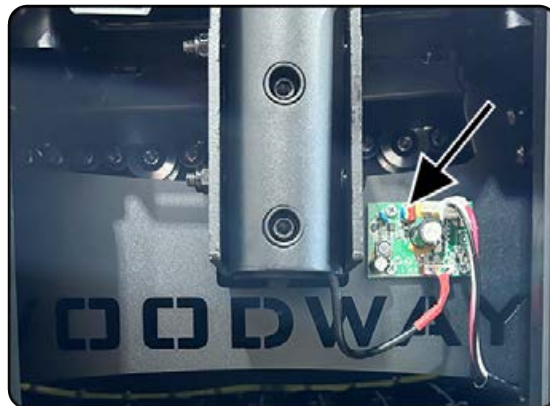
- Tighten the Four bearing block securing bolts, and re-install the covers.

The following images are for component location reference.

Located at the front Right corner of the chassis is the **Generator and Pulley assembly (1)** and the **Generator Drive Pulley (2)**.



Located under the Right side center cover is the Generator Control Board, mounted just ahead of the Right Handrail.



Generator Control Board

P/N - 20-010075



**WOODWAY** offers a plug in power adapter to keep the treadmill battery charged in times of prolonged non-use. The adapter cord plugs into the charging port at the lower front right corner of the treadmill chassis.

WOODWAY P/N - 30-010175





## 14 Battery Maintenance

In an effort to reduce waste caused by disposable batteries, the Curve LTG non-motorized treadmill utilizes a generator to charge an internal re-chargeable battery which is used to power the User Interface Control Console. This system combined with a low voltage support charger was chosen as the most economical/green solution to power the Curve LTG.

If the treadmill is left in-active for long periods of time, the internal battery may become drained enough that it cannot power up the display upon reuse. The treadmill may need to be used for up to 4 hours at 3 mph to fully charge the battery to a level where the display will remain on with-out timing out.

### 14.1 Maximizing Battery Life

1. Adjust the Default Pause Time, and Default Countdown for Summary Display Time to their shortest viewing time.

The **“Default Pause Time”** has a viewing range from 00:30 to 01:30 minutes, set the view time to 00:30.

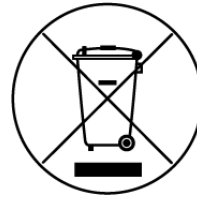
The **“Default Countdown for Summary Display Time”** has a viewing range from 00:30 to 02:30 minutes, set the view time to 00:30. to 00:30.

See Numbers 05 and 06 in [Software Management \(p. 54\)](#) on how to adjust and set the display “On” timers.

2. Try to keep runs over 3 minutes in duration to keep the battery in a positive state of charge.
3. If typical training is based on shorter intervals (less than 3 minutes) or with circuits where the default pause timer is extended it is recommend to keep the unit plugged in when possible, or recharged on a regular basis (frequency will depend on the timer length and training style/frequency).



## 15 Disposal



Electrical and electronic devices must be disposed of separately from normal household waste.

An appropriate waste disposal company should be contacted. Properly dispose of the device at the end of its service life (e.g. the local collection point for waste separation):

- The device packaging is disposed of through resource recycling.
- The metal parts of the machine go to scrap metal disposal.
- Plastic parts are given to plastic recycling.
- Rubber parts are disposed of as hazardous waste.

The disposal of the equipment must be in accordance with the respective national regulations. Wear parts are considered hazardous waste. After being replaced, wear parts must be disposed of according to country-specific waste laws.

