

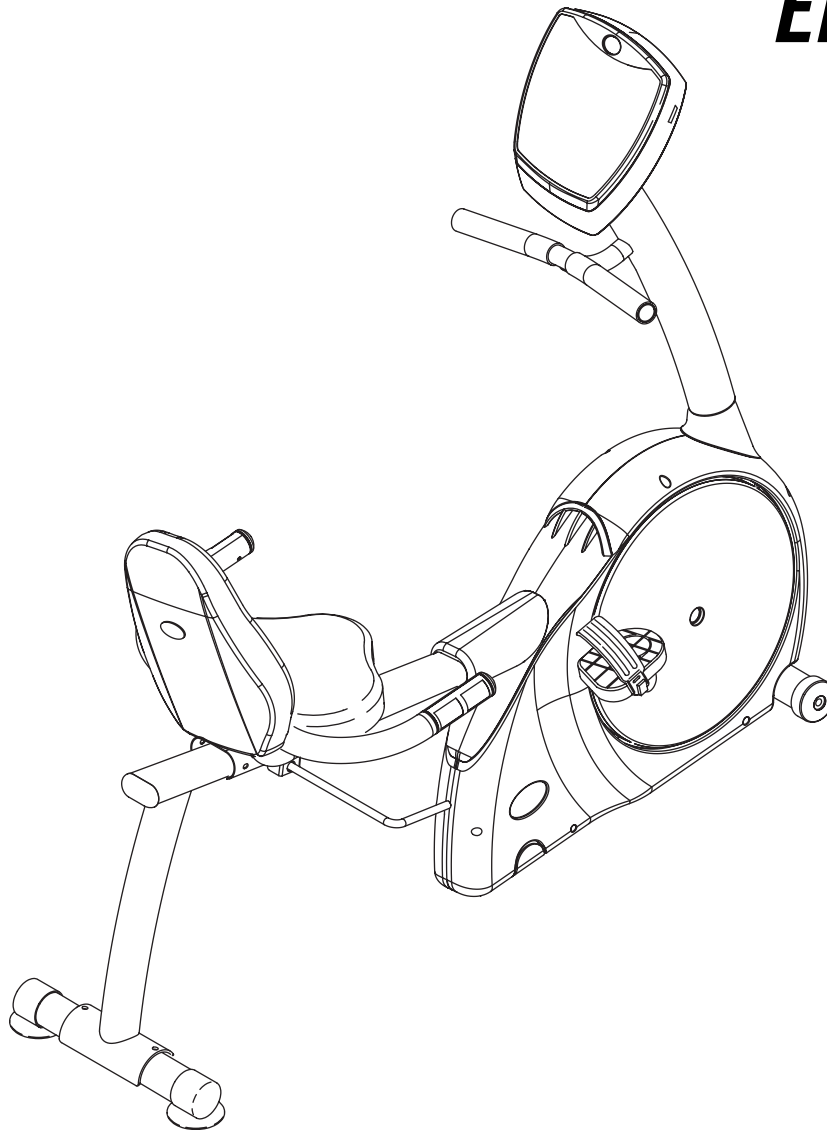


Designed for life.™

## ***ELITE SERIES***

***2.1R***

***3.1R***



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# ***Recumbent User's Guide***

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## **CAUTION**

Read all precautions and instructions in this manual before using this equipment.  
Save this manual for future reference.

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# *Important Precautions*

## **SAVE THESE INSTRUCTIONS**

When using an electrical product, basic precautions should always be followed. Read all instructions before using this exercise product.



## **WARNING!**

To reduce the risk of burns, fire, electrical shock or injury to persons:

- Use this exercise product for its intended use as described in this user's guide.
- Do not use attachments not recommended by the manufacture.
- Never drop or insert any object into any opening.
- Do not remove the recumbent bike's side covers. Service should be performed only by an authorized Horizon Fitness service provider.
- Never operate this recumbent bike if it has a damaged cord or plug, if it is not working properly, if it has been damaged, or immersed in water.
- Keep the cord away from heated surfaces.
- Do not use outdoors.
- Only use the power cord provided with your Horizon Fitness semi-recumbent bike.
- Never place the power cord under carpeting or place any object on top of the power cord, which may pinch or damage it.
- Unplug your Horizon Fitness recumbent bike before moving it.



## **CAUTION!**

- If you experience chest pains, nausea, dizziness or shortness of breath, stop exercising immediately and consult your physician before continuing.
- Do not turn pedals by hand.
- Do not wear clothing that might catch on any part of the recumbent bike.
- Make sure handlebars are secure before each use.
- Read the owner's guide before operating this recumbent bike.
- Maintain a comfortable pace. Do not 'sprint' above 125 rpms on this machine.
- To maintain balance it is recommended to keep a grip on the handlebars while exercising, mounting or dismounting the machine.

## **OPERATION**

It is essential that your recumbent bike is used only indoors, in a climate controlled room. If your recumbent bike has been exposed to colder temperatures or high moisture climates, it is strongly recommended that the recumbent bike is warmed up to room temperature before first time use. Failure to do so may cause premature electronic failure.

## **CHILDREN**

- Keep children off of your recumbent bike at all times.
- When the recumbent bike is in use, young children and pets should be kept at least 10 feet away.

## **CLEANING**

- Clean with soap and slightly damp cloth only. Never use solvents.

## **USER CAPACITY**

- 300lbs (2.1R and 3.1R)

## CAUTION:

BEFORE BEGINNING ANY EXERCISE PROGRAM, ALWAYS CONSULT YOUR PHYSICIAN. IF YOU EXPERIENCE CHEST PAINS, NAUSEA, DIZZINESS OR SHORTNESS OF BREATH, STOP EXERCISING AND CONSULT YOUR PHYSICIAN BEFORE CONTINUING.

**IMPORTANT: PLEASE READ BEFORE USE!**

### ASSEMBLY

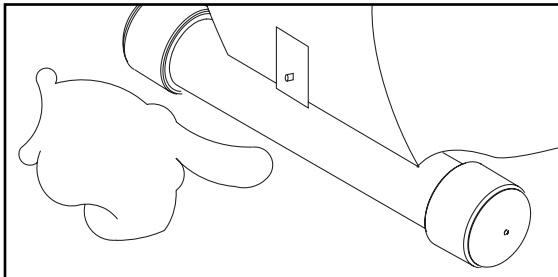


## CAUTION!

There are several areas during the assembly process of a Horizon Fitness recumbent bike that special attention must be paid. It is very important to follow the assembly instructions correctly and to make sure all parts are firmly tightened. If the assembly instructions are not followed correctly, the recumbent bike could have frame parts that are not tightened and will seem loose and may cause irritating noises. To prevent damage to the recumbent bike, the assembly instructions must be reviewed and corrective actions should be taken.

Before proceeding, find your recumbent bike's serial number and model name located on the front foot tube and enter it in the space provided below:

### SERIAL NUMBER AND MODEL NAME LOCATION:



**ENTER YOUR SERIAL NUMBER IN BOX BELOW:**

Refer to this number when calling for service, and also enter this serial number on your Warranty Card and in your own records. Be sure to read the Safety Instructions and complete Owner's Guide before using your new Horizon Fitness recumbent bike.

### WARRANTY REGISTRATION

Your warranty card must be completed and sent to Horizon Fitness within thirty days of purchase or registered on line at [www.horizonfitness.com](http://www.horizonfitness.com), before a warranty claim can be processed. Please keep your receipt with the user's guide as it may be required for a warranty claim. Make sure to send in warranty registration card to value your warranty.

# ***Before You Begin***

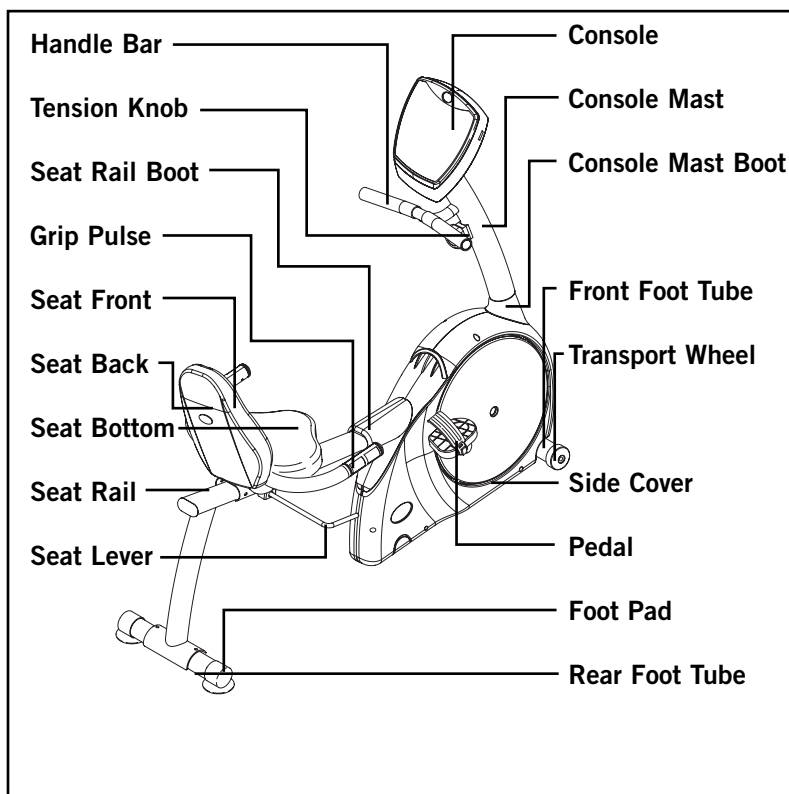
## **CONGRATULATIONS!** on choosing a recumbent bike.

You've taken an important step in developing and sustaining an exercise program! Your Horizon Fitness recumbent bike is a tremendously effective tool for achieving your personal fitness goals. Regular use of your Horizon Fitness recumbent bike can improve the quality of your life in so many ways.

Here are just a few of the health benefits of aerobic exercise:

- Weight Loss
- A Healthier Heart
- Improved Muscle Tone
- Increased Daily Energy Levels
- Reduced Stress
- Help In Countering Anxiety and Depression
- An Improved Self Image

The key to reaping these benefits is to develop the exercise habit. Your new Horizon Fitness recumbent bike will help you eliminate the obstacles that prevent you from getting in your exercise time. Inclement weather and darkness won't interfere with your workout when you use your Horizon Fitness recumbent bike in the comfort of your home. This manual provides you with basic information for using and enjoying your new machine. A more complete knowledge of your new Horizon Fitness recumbent bike will assist you in realizing your goal of a healthy lifestyle.



Note: The 3.1R model does not include the tension knob.

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# Assembly

## UNPACKING

Unpack the product where you will be using it. Place the product on a level flat surface. It is recommended that you place a protective covering on your floor. Note: It is recommended that you apply grease to the threads of each bolt as you assemble the product, to prevent loosening and noise. Also, during each assembly step, ensure that ALL nuts and bolts are in place and partially threaded in before completely tightening any ONE bolt.

**FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY!** Place your recumbent on a level flat surface. It is recommended that you place a protective covering on your floor.

## PARTS

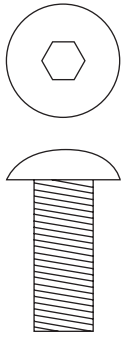
- 1 Rear Foot Tube
- 1 Handlebar
- 1 Seat Rail
- 1 Seat Rail Boot
- 1 Seat Back
- 1 Seat Front
- 1 Seat Bottom
- 1 Seat Frame
- 1 Console Mast
- 1 Console Mast Boot
- 2 Mobile Wheel/Sleeves
- 1 Console
- 2 Pedals
- 1 Tension Knob (2.1R only)
- 1 Power Supply (2.1R, 3.1R models)
- 1 Hardware Pack

## TOOLS (included)

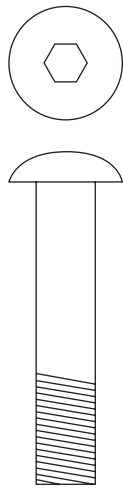
- 5mm Allen Wrench/Phillips Screw Driver
- Flat Wrench

If you have any questions, or if there are any missing parts, we will guarantee complete satisfaction.  
**PLEASE CALL OUR TOLL-FREE DIRECT CUSTOMER ASSISTANCE CENTER @ 1-800-244-4192**  
**Mon.-Fri., 8 a.m.-5 p.m. CST (excluding holidays).**

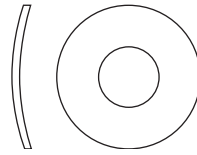
**HARDWARE (2.1R & 3.1R)**



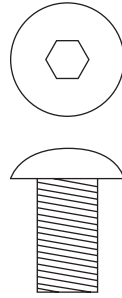
**A) 20mm Bolt**  
Quantity: 2



**B) 40mm Bolt**  
Quantity: 8

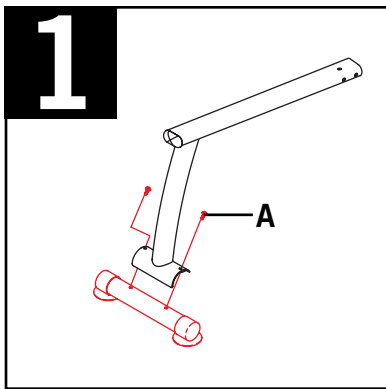


**C) Arc Washer**  
Quantity: 8

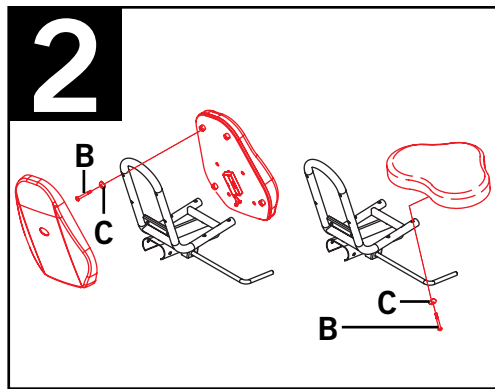


**D) 15mm Bolt**  
Quantity: 10

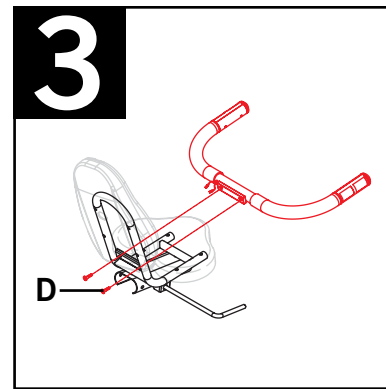




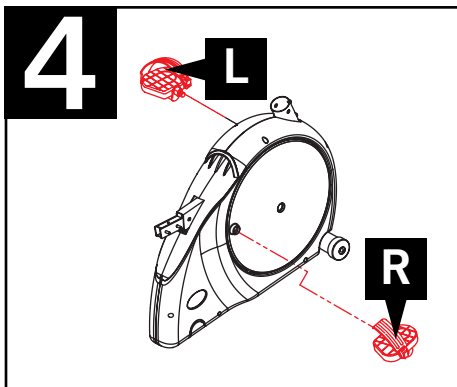
**STEP 1:**  
**ATTACH REAR FOOT TUBE.**  
 Note: Make sure not to tighten bolts until all assembly steps have been completely assembled and aligned.



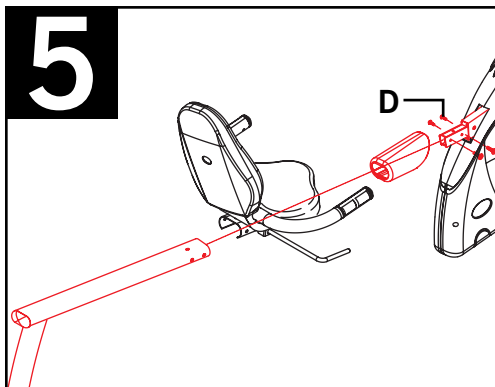
**STEP 2:**  
**ATTACH SEAT BACK CUSHION/COVER AND SEAT BOTTOM.**  
 Note: The seat back cushion is attached with four 40mm bolts and then the seat back cover snaps into place.



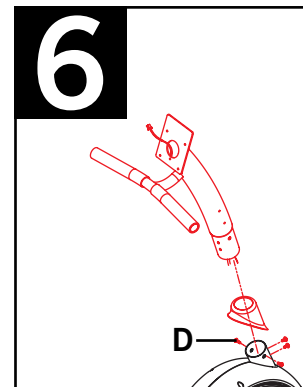
**STEP 3:**  
**ATTACH HANDLEBAR.**  
 Note: Connect the grip pulse wires from the seat back to the handlebar. DO NOT PINCH WIRES!



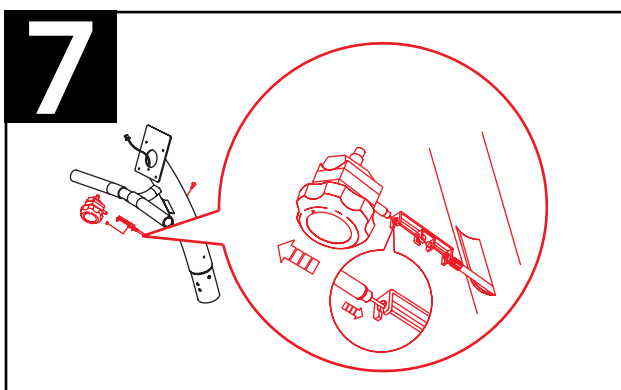
**STEP 4:**  
**ATTACH LEFT & RIGHT PEDALS.**  
 Note: Both pedals are labeled L for left and R for right. To tighten turn the left pedal COUNTER CLOCKWISE and the right pedal CLOCKWISE.



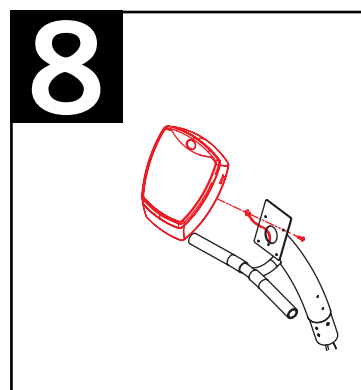
**STEP 5:**  
**ATTACH SEAT RAIL TO BASE FRAME.**  
 Note: Slide seat post and seat rail boot on seat rail before you tighten bolts.



**STEP 6:**  
**ATTACH CONSOLE MAST AND CONSOLE MAST BOOT.**  
 Note: Make sure to loosen the water bottle screws in order to fit the console cable through the mast. DO NOT PINCH WIRES!



**STEP 7:**  
**ATTACH TENSION KNOB. (2.1R only)**  
 Note: Bolt is pre-assembled to tension knob. The resistance indicator is located on the front of the tension knob.



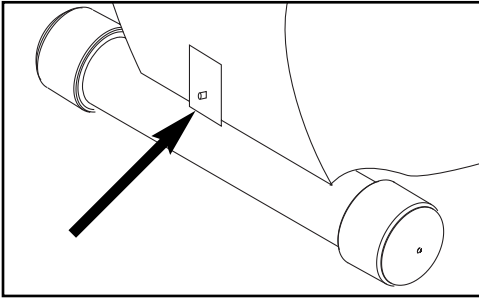
**STEP 8:**  
**ATTACH CONSOLE.**  
 Note: DO NOT PINCH WIRES!  
 Note: Bolt is pre-assembled to console.

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# ***Recumbent Operation & Adjustment***

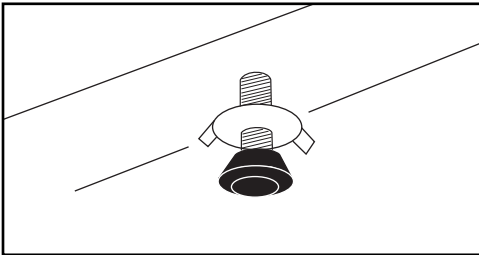
## **POWER**

Your recumbent bike is powered by a power supply. The power supply must be plugged into the power jack, which is located in the front of the machine near the front foot tube.



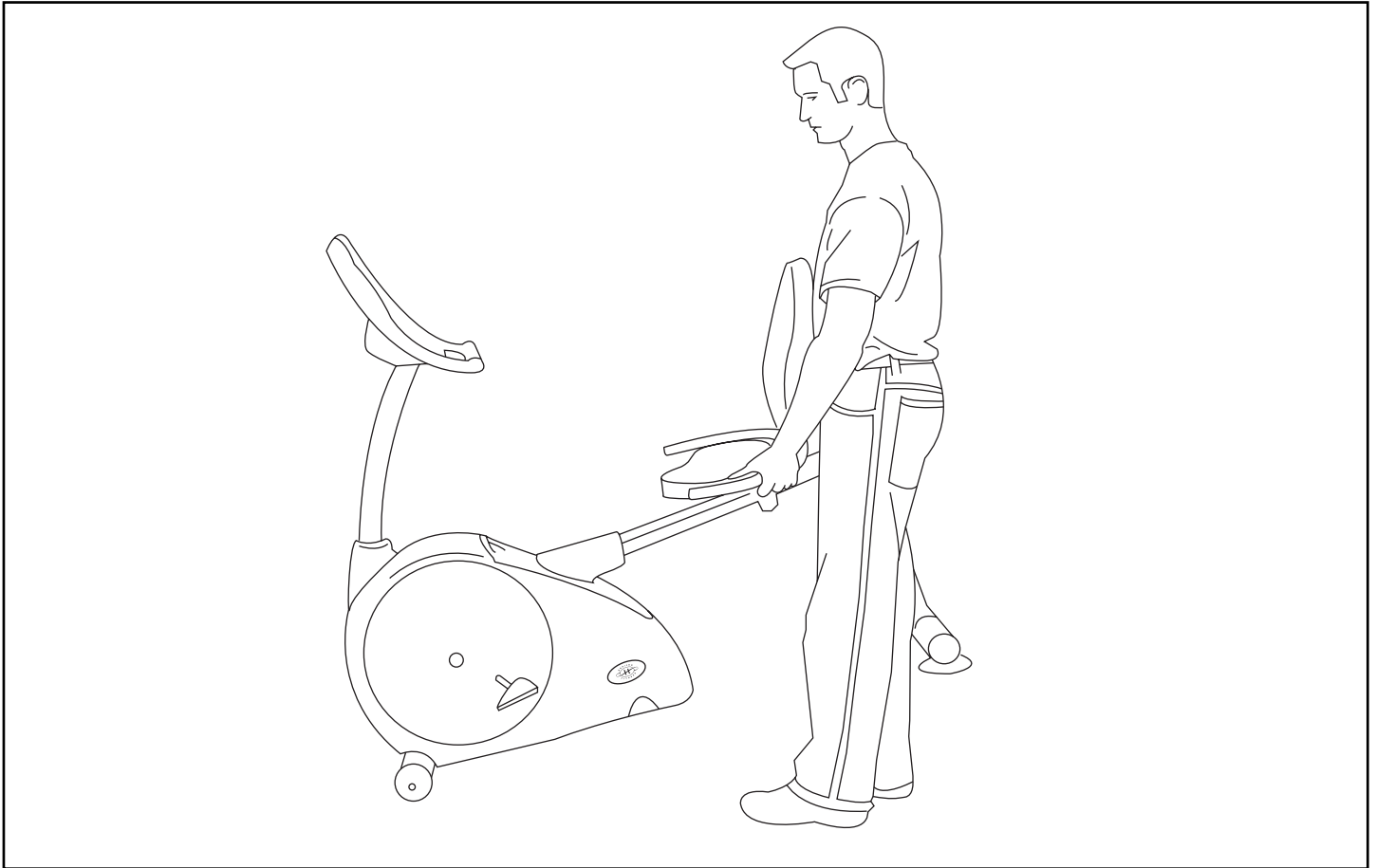
## **LEVELING**

The recumbent bike should be level for optimum use. Once you have placed the recumbent bike where you intend to use it, raise or lower the adjustable leveler located under the rear portion of the side cover. Once you have leveled the recumbent bike, lock the levelers in place by tightening the wing nuts against the frame.



## MOVING

Your Horizon Fitness recumbent bike has a pair of transport wheels built into the front of the frame. To move, firmly grasp the vertical seat post and one of the side handlebars. Carefully lift and roll.



Note: Your console may vary from the above diagram.



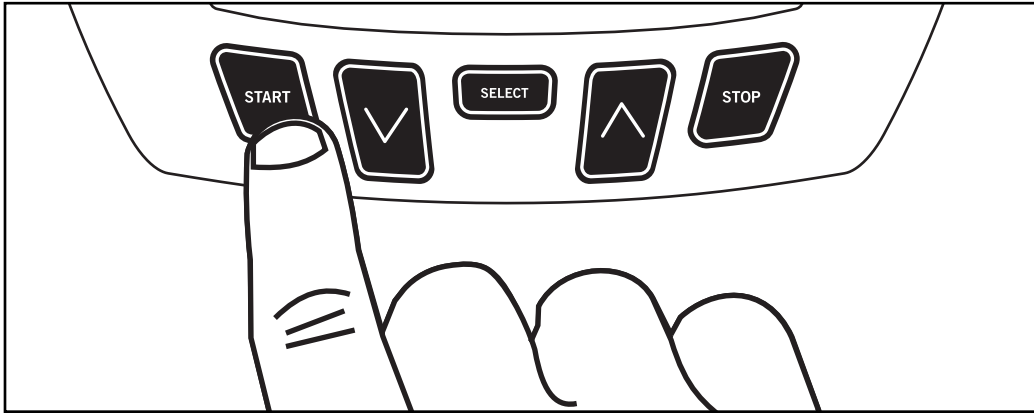
## CAUTION!

Our recumbent bikes are well built and heavy, weighing up to 150lbs.! Use care and additional help if necessary when moving.

# Console Features & Display

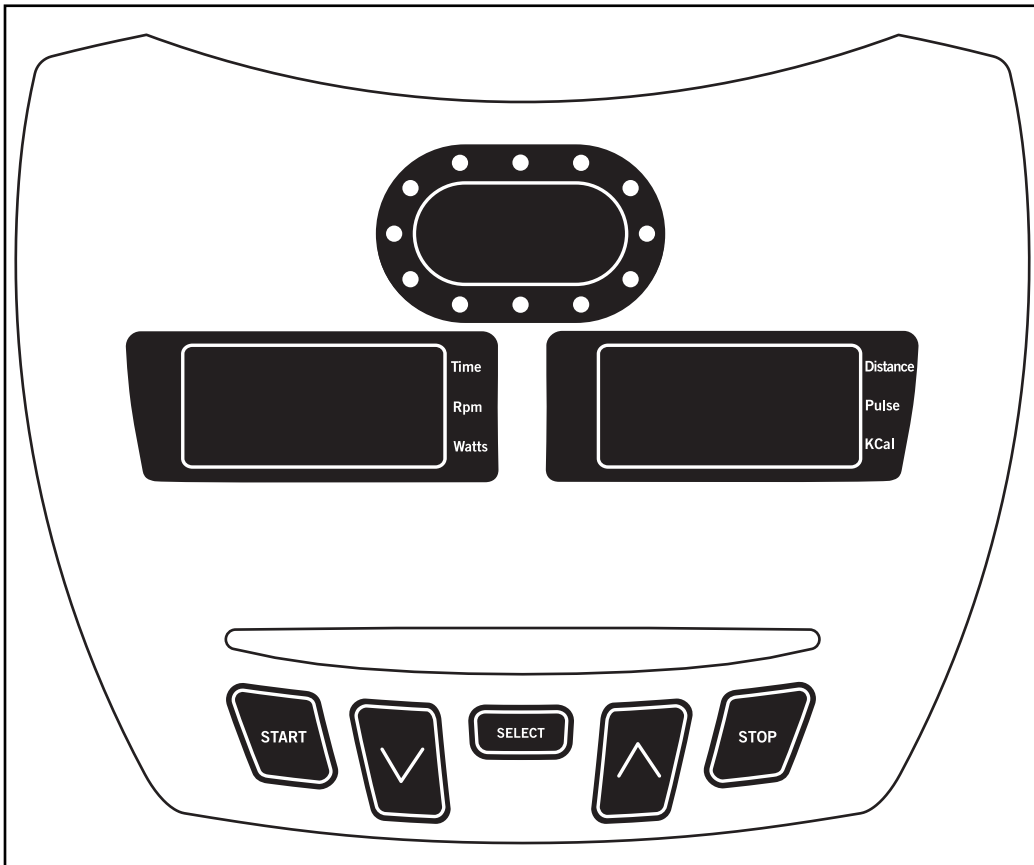
## 2.1R QUICK START UP

Simply press the “Start” button to begin exercising. The console will automatically start counting.



## RESET

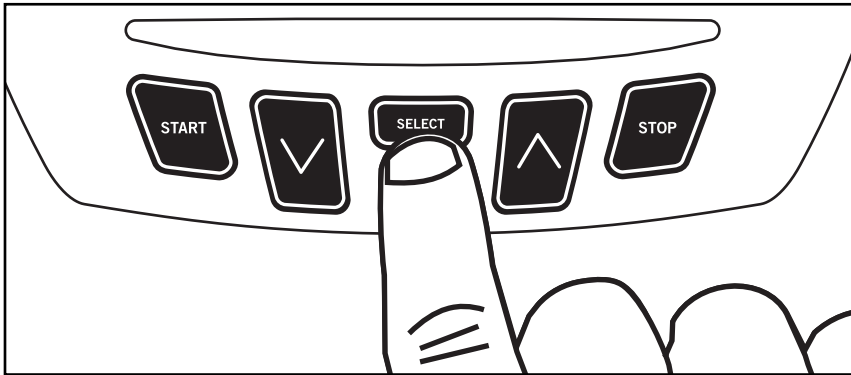
Press and hold the “Stop” button to reset the recumbent.



## 2.1R VIEW

### **SELECTING OPTIONAL FEEDBACK**

Press the 'SELECT' button on the console to scroll through and view your time/distance, rpm/pulse and watts/calories. Press and hold select for 3 seconds to automatically scroll.



### **STARTING YOUR WORKOUT**

Press 'START' to automatically begin exercising or press time/up/down to set your workout time and press 'START' to begin.

### **CHOOSING A RESISTANCE**

At any time during your workout you can change your resistance by adjusting the tension knob located on the console mast. The resistance levels vary from 1-15; 1 being the easiest, 15 being the most difficult. Turn the tension knob clockwise to increase resistance.

### **FINISHING YOUR WORKOUT**

Remember to gradually slow down your pace before stopping your workout. After you have finished your workout, the console will 'beep' several times to let you know your workout is finished.

**TIME**

Shown as Minutes:Seconds. View the time remaining or the time elapsed in your workout.



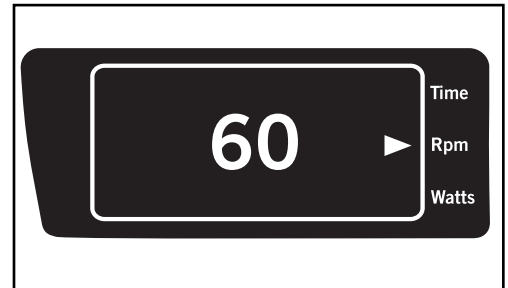
**DISTANCE**

Shown as Miles. View the accumulated distance during your workout.



**RPM**

Shown as Revolutions per Minute. Improve striding technique while reducing leg muscle fatigue by striding between 60 & 70 RPM.



**PULSE**

Shown as Beats Per Minute. Used to monitor your heart rate during your workout (displayed when contact is made with both grips. Pulse can only be viewed while on the pulse screen).



**WATTS**

A measurement of your energy expenditure. May be used to evaluate and quantify your fitness progress over time.



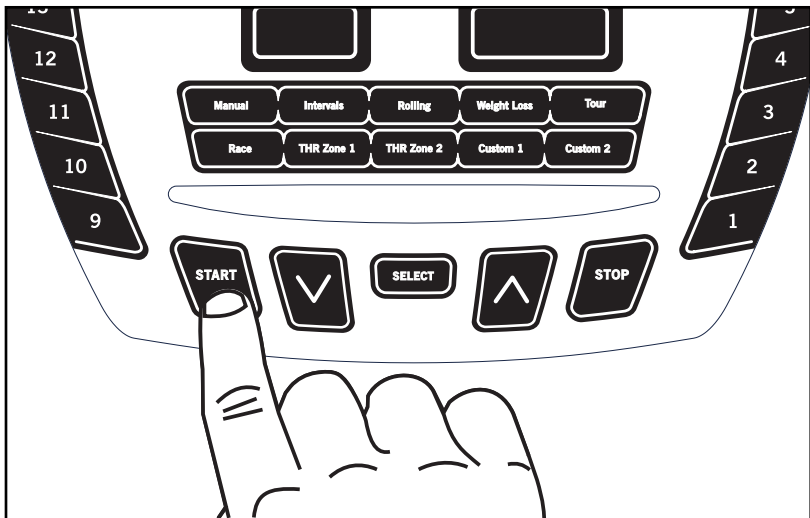
**CALORIES**

Shown as total accumulated calories burned during your workout.



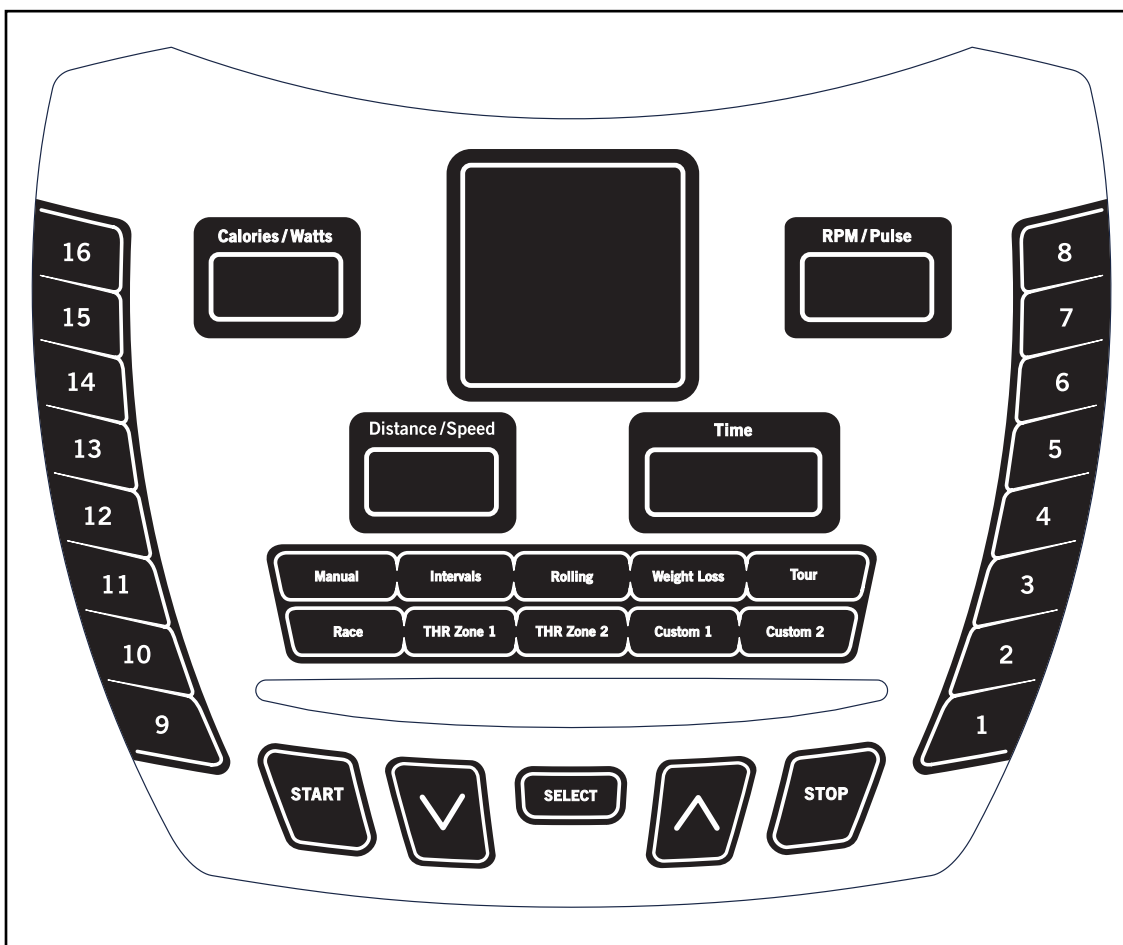
### 3.1R QUICK START UP

Simply press the “Start” button to begin exercising. The console will automatically default to the Manual program unless another program is selected.



### RESET

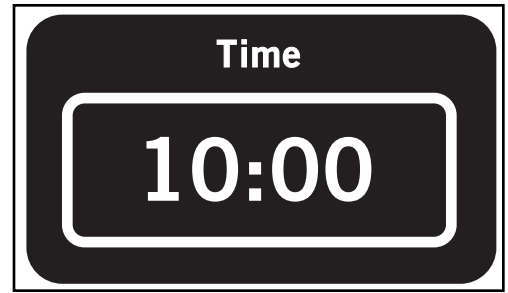
Press and hold the “Stop” button to reset the elliptical trainer.



3.1R CONSOLE VIEW

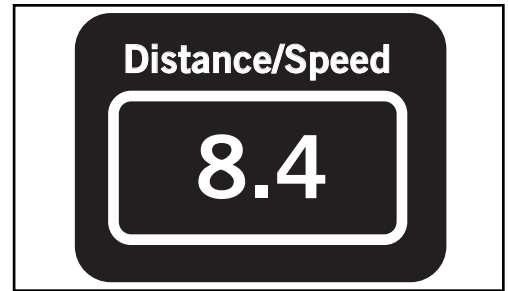
**TIME**

Shown as Minutes:Seconds. View the time remaining or the time elapsed in your workout.



**DISTANCE**

Shown as Miles. View the accumulated distance during your workout.



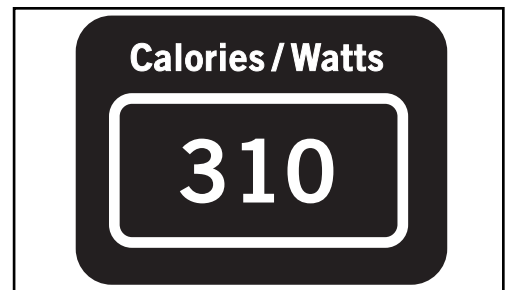
**SPEED**

Speed shown as speed in miles per hour.



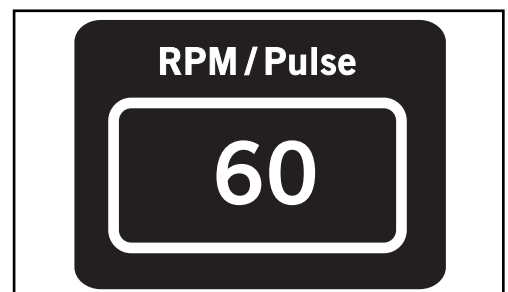
**CALORIES**

Shown as total accumulated calories burned during your workout.



**RPM**

Shown as Revolutions per Minute. Improve striding technique while reducing leg muscle fatigue by striding between 60 & 70 RPM.





## RESISTANCE

During a workout, the amount of resistance can be adjusted by pressing the quick resistance or up/down buttons on the console. The resistance levels vary from level 1 to 16 (level 1 being the easiest and level 16 being the most difficult).

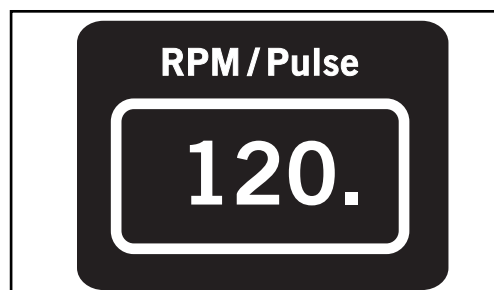
## WATTS

A measurement of your energy expenditure. May be used to evaluate and quantify your fitness progress over time.



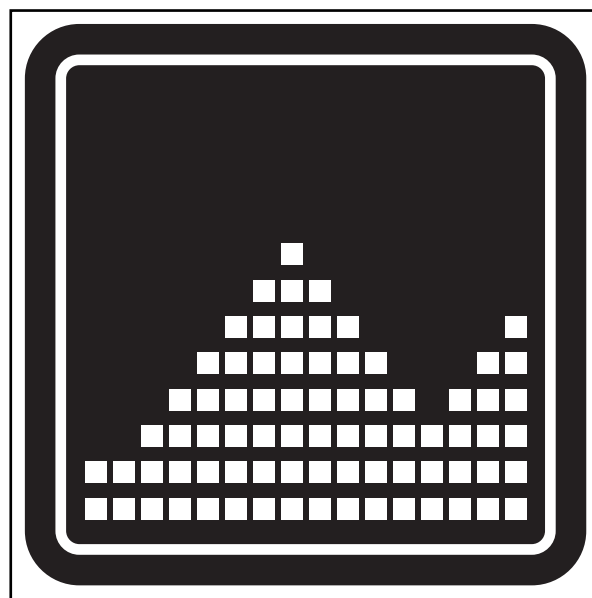
## PULSE

Shown as Beats per Minute. You can monitor your heart rate at any time during your workout by holding the heart rate grips or wearing the chest transmitter.



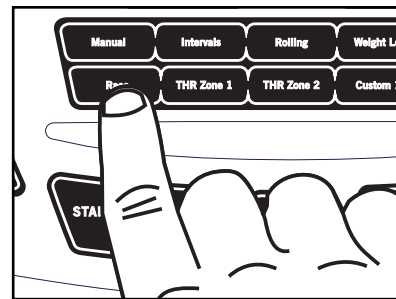
## PROFILE

Allows you to view your program intensity while you exercise. Each horizontal row of LED's represents 1 resistance level.



## CHOOSING A PROGRAM

To choose a program, press the quick program key. The program name will scroll across the display. Press “Select” to choose your program. Once you choose a program, you will see the level flashing in the Distance/Speed window.



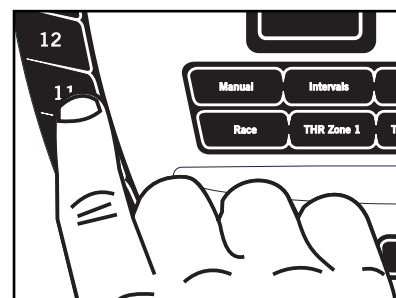
## CHOOSING A LEVEL

With the level flashing, press the up or down buttons to adjust your level. Press “Select” to choose time.



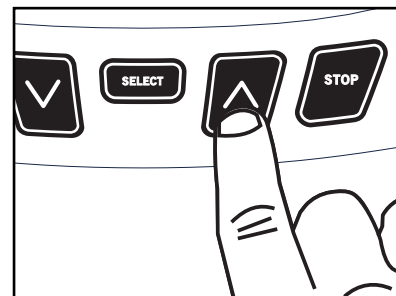
## CHOOSING A RESISTANCE (MANUAL PROGRAM)

With the resistance level flashing, press the quick resistance or up/down buttons to adjust your resistance level. Press “Select” to choose the Time.



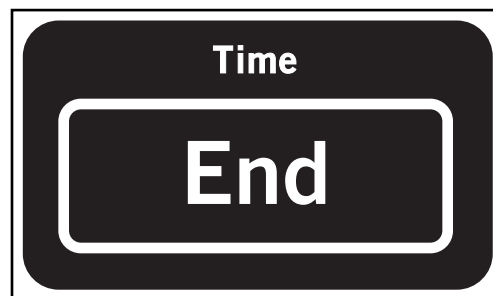
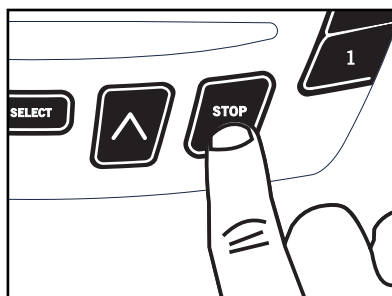
## CHOOSING A TIME

With the time flashing, press the up or down buttons to adjust your program time. Once you choose your time, press the 'Start' button and begin your workout.



## FINISHING YOUR WORKOUT

Press the 'Stop' button to pause your workout, press and hold to reset your workout. Remember to gradually slow down your pace before stopping or pausing your workout. The machine will not stop moving if you stop your feet abruptly. After you have finished your workout, the console will retain the data from your workout for 30 seconds before resetting.



---

# *Program Profiles*

## **P1 MANUAL**

Customized workouts, allowing the user to adjust resistance level to the user's preference.

## **P2 INTERVALS**

Improves your strength, speed, and endurance by raising and lowering the resistance levels throughout your workout to involve both your heart and muscles.

## **P3 ROLLING**

Maintains weight by gradually raising and lowering the resistance level to gradually raise and lower your heart rate.

## **P4 WEIGHT LOSS**

Promotes weight loss by raising and lowering the resistance level, while keeping you in your fat burning zone.

## **P5 TOUR**

Simulates a gradual hill climb to strengthen your leg muscles and improve your cardiovascular health.

## **P6 RACE**

A great motivational program for competitive individuals that allows the user to compete with a computer pacer to the finish line.

## **P7 THR ZONE 1**

Benefits weight loss by maintaining an optimum exercise level to burn fat, while adjusting the resistance to keep you in your target heart rate zone.

## **P8 THR ZONE 2**

Benefits weight loss by maintaining an optimum exercise level to burn fat, while adjusting the resistance to keep you in your target heart rate zone.

## **P9 CUSTOM USER PROGRAM 1**

Customized workout, time defaults to 30 minutes.

## **P10 CUSTOM USER PROGRAM 2**

Customized workout, time defaults to 30 minutes.

# Program Charts

## P2 INTERVALS

Time-based goal with 10 difficulty levels to choose from.

Peak segments last 30 seconds, valley segments last 90 seconds.

Warm-up and cool-down last 5:00 minutes each and are included in program times.

Resistance	Warm Up		Program segments															Cool Down	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Level 1	1	1	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	1	1
Level 2	1	1	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	1	1
Level 3	1	2	3	7	3	7	3	7	3	7	3	7	3	7	3	7	3	2	1
Level 4	2	2	3	8	3	8	3	8	3	8	3	8	3	8	3	8	3	2	2
Level 5	2	2	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	2	2
Level 6	2	3	4	10	4	10	4	10	4	10	4	10	4	10	4	10	4	3	2
Level 7	2	3	5	11	5	11	5	11	5	11	5	11	5	11	5	11	5	3	2
Level 8	3	3	5	12	5	12	5	12	5	12	5	12	5	12	5	12	5	3	3
Level 9	3	3	6	13	6	13	6	13	6	13	6	13	6	13	6	13	6	3	3
Level 10	3	4	6	14	6	14	6	14	6	14	6	14	6	14	6	14	6	4	3

## P3 ROLLING

Time-based goal with 10 difficulty levels to choose from.

All segments last 10 seconds.

Warm-up and cool-down last 5:00 minutes each and are included in program times.

Resistance	Warm Up		Program segments															Cool Down	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Level 1	1	1	1	2	3	4	5	6	5	4	3	2	1	2	3	4	5	4	3
Level 2	1	2	2	3	4	5	6	7	6	5	4	3	2	3	4	5	6	5	3
Level 3	2	2	3	4	5	6	7	8	7	6	5	4	3	4	5	6	7	6	4
Level 4	2	3	4	5	6	7	8	9	8	7	6	5	4	5	6	7	8	7	4
Level 5	3	4	5	6	7	8	9	10	9	8	7	6	5	6	7	8	9	7	5
Level 6	3	5	6	7	8	9	10	11	10	9	8	7	6	7	8	9	10	8	5
Level 7	4	5	7	8	9	10	11	12	11	10	9	8	7	8	9	10	11	8	6
Level 8	4	6	8	9	10	11	12	13	12	11	10	9	8	9	10	11	12	9	6
Level 9	5	7	9	10	11	12	13	14	13	12	11	10	9	10	11	12	13	10	7
Level 10	5	8	10	11	12	13	14	15	14	13	12	11	10	11	12	13	14	11	7

## P4 WEIGHT LOSS

Time-based goal with 10 difficulty levels to choose from.

All segments last 10 seconds.

Warm-up and cool-down last 5:00 minutes each and are included in program times.

Resistance	Warm Up		Program segments															Cool Down	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Level 1	3	4	5	5	4	3	2	2	3	4	5	5	4	3	2	2	3	2	2
Level 2	3	5	6	6	5	4	3	3	4	5	6	6	5	4	3	3	4	3	2
Level 3	4	5	7	7	6	5	4	4	5	6	7	7	6	5	4	4	5	4	3
Level 4	4	6	8	8	7	6	5	5	6	7	8	8	7	6	5	5	6	5	3
Level 5	5	7	9	9	8	7	6	6	7	8	9	9	8	7	6	6	7	5	4
Level 6	5	8	10	10	9	8	7	7	8	9	10	10	9	8	7	7	8	6	4
Level 7	6	8	11	11	10	9	8	8	9	10	11	11	10	9	8	8	9	7	5
Level 8	6	9	12	12	11	10	9	9	10	11	12	12	11	10	9	9	10	8	5
Level 9	7	10	13	13	12	11	10	10	11	12	13	13	12	11	10	10	11	8	6
Level 10	7	11	14	14	13	12	11	11	12	13	14	14	13	12	11	11	12	9	6

# P5 TOUR

Distance-based program with 10 different difficulty levels to choose from.

Resistance		Program segments															Cool Down		Total distance		
		Warm Up		1	2	3	4	5	6	7	8	9	10	11	12	13				14	15
Level 1	Resistance	2	2	3	4	3	5	3	4	5	4	5	3	5	3	4	4	3	2	2	4841
	distance	142	212	283	256	113	387	91	351	333	301	301	165	288	434	312	310	150	113	300	
Level 2	Resistance	2	3	4	5	4	6	4	5	6	5	6	4	6	4	5	5	4	3	2	5718
	distance	165	248	330	295	129	466	97	369	431	407	339	179	368	548	349	376	166	125	332	
Level 3	Resistance	3	4	5	6	5	7	5	6	7	6	7	5	7	5	6	6	5	4	3	5905
	distance	169	253	337	308	142	484	97	389	441	413	349	187	376	560	373	383	172	129	344	
Level 4	Resistance	3	5	6	7	6	8	6	7	8	7	8	6	8	6	7	7	6	5	3	6192
	distance	169	254	338	327	187	500	106	416	462	430	373	201	393	572	396	401	178	134	356	
Level 5	Resistance	4	5	7	8	7	9	7	8	9	8	9	7	9	7	8	8	7	5	4	5772
	distance	170	254	339	256	113	387	91	351	333	433	375	205	405	575	400	410	180	135	360	
Level 6	Resistance	4	6	8	9	8	10	8	9	10	430	8	10	8	9	9	8	6	4	6096	
	distance	170	255	340	295	129	466	97	369	431	435	380	208	410	578	405	415	190	143		380
Level 7	Resistance	5	7	9	10	9	11	9	10	11	431	1	9	11	9	10	9	7	5	6233	
	distance	171	256	341	308	142	484	97	389	441	435	380	210	415	580	410	425	200	150		400
Level 8	Resistance	5	8	10	11	10	12	10	11	12	432	2	10	12	10	11	10	8	5	6431	
	distance	171	257	342	327	187	500	106	416	462	440	385	215	425	585	415	430	205	154		410
Level 9	Resistance	6	8	11	12	11	13	11	12	13	433	3	11	13	11	12	11	8	6	6522	
	distance	172	257	343	327	187	500	106	416	462	450	390	220	460	590	420	435	210	158		420
Level 10	Resistance	6	9	12	13	12	14	12	13	14	434	4	12	14	12	13	12	9	6	7147	
	distance	376	502	374	327	187	500	106	416	462	475	400	225	482	600	425	450	220	180		440

Distance = Yards

### **USING YOUR RACE PROGRAM (3.1R only)**

Your Race Program is designed to add motivation to a workout by allowing you to compete against a selected pacer. To use your Race Program, follow these instructions:

1. Choose the Race program by pressing the quick program buttons. Press “Select”.
2. Choose the desired Pace (average speed) using the up or down buttons. The pace range is 10 to 28mph in increments of 0.5mph, with 10mph being the lowest and 28mph being the highest. Once the desired Pace is selected, press “Select”.
3. Choose the desired Distance by pressing the ‘Up’ or ‘Down’ buttons. Press “Select”.
4. Press ‘Start’ and begin your Race Program.

This is a distance-based program, the time it will take you to complete the race is determined by the speed and distance selected. Upon pressing START, the program will be broken up into 16 segments. The first segment will be dedicated to a WARM-UP, which will be half of the selected pace (Speed). The middle segments will consist of the Race, with the last segment dedicated to a COOL-DOWN, which will be half of the selected Pace (Speed). Note: The race distance does not include the time for WARM-UP and COOL-DOWN (as they are a set time of 2.5 minutes each).

The top speed represents the Pacers speed and the bottom speed represents your speed. The top row of bars shows the components Pacer position. The bottom row bars indicates your position. If you trail the Pacer, you should pedal at a faster speed to catch and pass the Pacer.

You can adjust your resistance at any time during the program by pressing the quick resistance or up/down buttons.

If you beat the pacer to the finish line, the console will flash and scroll YOU WIN and begin your cool-down. If the pacer wins, the console will flash and scroll PACER WINS, you will finish your race and begin your cool-down.

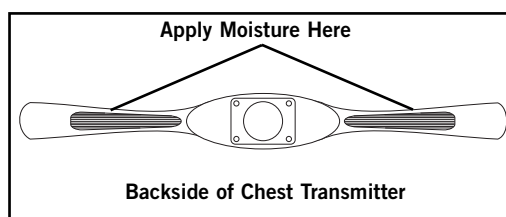
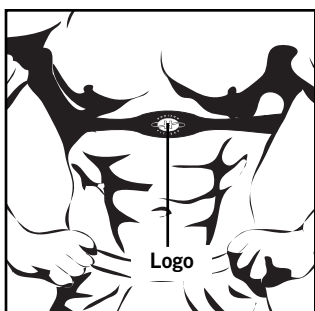
### **USING YOUR THR ZONE PROGRAMS 1 & 2 (3.1R only)**

The THR zone program is designed to keep the user at an optimum exercise level, while adjusting the resistance levels to keep the user at a target heart rate. To choose the THR zone program, follow these instructions.

- 1.** Choose the THR zone program by pressing the 'Up' or 'Down' buttons. Press 'Enter'.
- 2.** Determine your target THR zone by using the heart rate chart (reference target heart rate THR zone chart in table of contents). Choose your target pulse zone by pressing the 'Up' or 'Down' buttons. Your target THR zone should be set at a number that you will be able to exercise throughout the majority of your workout.
- 3.** The THR zone program will have a 5 minute warm-up period before it will start adjusting the resistance levels to get you to your target pulse zone.
- 4.** After the 5 minute warm-up period, the resistance levels will increase gradually to get the user to the selected target THR zone. Once the user is at the target pulse zone; plus or minus 5 beats, the resistance level will remain at the current resistance level.
- 5.** If the actual heart rate of the user is above the target THR zone, the resistance levels will gradually begin decreasing to keep the user in the target pulse zone. If the user is more than 25 beats above the target THR zone, the console will shut down for safety purposes.
- 6.** The last 5 minutes of the program will be dedicated to a cool-down period. At this time, the program will gradually decrease the resistance level to give the user a smooth and easy cool down.

Note: The chest strap is required to use the Target THR zone Program.

### **CHEST STRAP TRANSMITTER PLACEMENT AND MOISTENING THE ELECTRODES**





## **USING YOUR CUSTOM USER PROGRAMS 1 & 2**

Your Custom user program 1 & 2 is designed to allow you to create your own programming, with the ability to save your program settings for future workouts. To use your Custom user program 1 & 2, follow these instructions: (3.1R only)

- 1.** Once the Custom user program 1 & 2 has been selected, press 'Enter'.
- 2.** Choose your desired time using the 'Up' or 'Down' button and press 'Enter'.
- 3.** Choose your desired speed using the 'Up' or 'Down' button and press 'Enter'. You will need to select a speed for all 15 segments, pressing 'Enter' after each segment.
- 4.** Once you have chosen your desired resistance level for all 15 segments, press 'Start' to begin your program. At this time, your program has been successfully saved into memory, and can be used for future workouts.
- 5.** To reset your program information and delete it from memory, press and hold the 'Enter' button for 5 seconds once you have selected the Custom user program 1 & 2 in the start menu.
- 6.** While using your saved program in the Custom user program 1 & 2, you are able to adjust the resistance, but any changes will not be saved.

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# *Troubleshooting & Maintenance Procedures*

## **WHAT KIND OF ROUTINE MAINTENANCE IS REQUIRED?**

We use sealed bearings throughout our bikes so lubrication is not needed. The most important maintenance step is to simply wipe your perspiration off the bike after each use.

## **HOW DO I CLEAN MY HORIZON FITNESS RECUMBENT BIKE?**

Clean with soap and water cleaners only. Never use solvents on plastic parts.

Cleanliness of your Horizon Fitness recumbent bike and its operating environment will keep maintenance problems and service calls to a minimum. For this reason, Horizon Fitness recommends that the following preventive maintenance schedule be followed.

## **AFTER EACH USE (DAILY)**

- Unplug the power cord from the wall outlet. (3.1R only)



## **WARNING!**

To remove power from the semi-recumbent bike, the power cord must be disconnected from the wall outlet. (3.1R only)

- Never use solvents, as they can cause damage to the semi-recumbent bike.
- Inspect the power cord. If the power cord is damaged, contact Horizon Fitness.
- Make sure the power cord is not underneath the recumbent bike or in any other area where it can become pinched or cut.

## **EVERY WEEK**

Clean underneath the semi-recumbent bike, following these steps:

- Unplug the power cord at the wall outlet. (3.1R only)
- Move the recumbent bike to a remote location.
- Wipe or vacuum any dust particles or other objects that may have accumulated underneath the recumbent bike.
- Return the recumbent bike to its previous position.

## **EVERY MONTH**

- Inspect all assembly bolts and pedals on the machine for proper tightness.

Your Horizon Fitness recumbent bike is designed to be reliable and maintenance free. However, if you do experience problems with your recumbent bike, please reference the troubleshooting guide listed below.

**PROBLEM:** There is no display on the console.

**SOLUTION:** Remove the console and verify that the console cable is attached properly, making sure that the cable is securely inserted into the console.

**PROBLEM:** The recumbent bike makes a squeaking or chirping noise.

**SOLUTION:** Loosen all bolts attached during the assembly process, grease the threads and tighten again.

**PROBLEM:** The resistance levels seem to be incorrect, seeming too hard or too easy.

**SOLUTION:** Reset the console and allow the resistance to reset to the default position. Restart the console and retry the resistance levels. (3.1R only)

### **HEART RATE TROUBLESHOOTING**

**PROBLEM:** There is no heart rate reading

**SOLUTION:** If you are using the chest strap, there may be a poor connection between the electrodes and the skin. Remoisten the electrodes with water. (3.1R only)

**SOLUTION:** The chest strap may not be positioned properly. Reposition the chest strap. It may be necessary to experiment with the fit and position of the chest strap. (3.1R only)

**SOLUTION:** Verify that the distance between the chest strap and the console is not beyond the recommended range of 36 inches. (3.1R only)

**SOLUTION:** The battery in the chest strap may be dead. Take the chest strap to a jewelry store or return to Horizon Fitness for a battery replacement. (3.1R only)

**PROBLEM:** Erratic or Inconsistent Readout.

**SOLUTION:** This is often caused by dry electrodes or a loose chest strap. Moisture on the rubber electrodes is required for proper operation. Try a more generous coating of water on the electrodes and tightening the chest strap. (3.1R only)

Chest your exercise environment for sources of interference such as high power lines, large motors, etc.

You may experience an erratic readout under the following conditions:

- Gripping the heart rate handlebars too tight. Try to maintain moderate pressure while holding onto the heart rate handlebars.
- Constant movement and vibration due to constantly holding the heart rate grips while exercising.
- When you are breathing heavily during a workout.
- When your hands are constricted by wearing a ring.
- When your hands are dry or cold. Try moistening your palms or rubbing them together to warm.
- Anyone with heavy arrhythmia.
- Anyone with arteriosclerosis or peripheral circulation disorder.
- Anyone whose skin on the measuring palms is especially thick.

Note: Outside interference sources such as computers, motors and fluorescent lights may cause the heart rate reading to be erratic.

If the above troubleshooting section does not remedy the problem, discontinue use and turn the power off.

**DO NOT RETURN TO THE STORE, PLEASE**  
**CONTACT THE HORIZON FITNESS CUSTOMER ASSISTANCE CENTER**  
**TOLL-FREE @ 1-800-244-4192**  
**Mon.-Fri., 8 a.m.-5 p.m. CST (excluding holidays).**  
**[www.horizonfitness.com](http://www.horizonfitness.com)**

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# *Common Product Questions*

## **ARE THE SOUNDS MY RECUMBENT BIKE MAKES NORMAL?**

Our recumbent bikes are some of the quietest available because they use belt drives and friction free magnetic resistance. We use the highest grade bearings and belts to minimize noise. However, because the resistance system itself is so quiet, you will occasionally hear other slight mechanical noises. Unlike older, louder technologies, there are no fans, friction belts, or alternator noises to mask these sounds on our recumbent bikes. These mechanical noises, which may or may not be intermittent, are normal and are caused by the transfer of significant amounts of energy to a rapidly spinning flywheel. All bearings, belts and other rotating parts will generate some noise which will transmit through the casing and frame. It is also normal for these sounds to change slightly during a workout and over time because of thermal expansion of the parts.

## **WHY IS THE RECUMBENT BIKE I HAD DELIVERED LOUDER THAN THE ONE AT THE STORE?**

All fitness products seem quieter in a large store showroom because there is generally more background noise than in your home. Also, there will be less reverberation on a carpeted concrete floor than on a wood overlay floor. Sometimes a heavy rubber mat will help reduce reverberation through the floor. If a fitness product is placed close to a wall, there will be more reflected noise.

## **HOW LONG WILL THE DRIVE BELT LAST?**

The computer modeling we have done indicated virtually thousands of maintenance free hours. Belts are now commonly used in far more demanding applications such as motorcycle drives.

## **CAN I MOVE THE RECUMBENT BIKE EASILY ONCE IT IS ASSEMBLED?**

Your Horizon Fitness recumbent bike has a pair of transport wheels built into the front foot. It is easy to move your recumbent bike by rolling it on the front transport wheels. It is important that you place your Horizon Fitness recumbent bike in a comfortable and inviting room. Your recumbent bike is designed to use minimal floor space. Many people will place their recumbent bikes facing the TV or a picture window. If at all possible, avoid putting your recumbent bike in a unfinished basement. To make exercise a desirable daily activity for you, the recumbent bike should be in a attractive setting.

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# *Conditioning Guidelines*

Always consult your physician before beginning an exercise program.

## **HOW OFTEN?**

The American Heart Association recommends that you exercise at least 3 to 4 days per week to maintain cardiovascular fitness. If you have other goals such as weight or fat loss, you will achieve your goal faster with more frequent exercise. Whether it's 3 days or 6 days, remember that your ultimate goal should be to make exercise a lifetime habit. Many people are successful staying with a fitness program if they set aside a specific time of day to exercise. It doesn't matter whether it's in the morning before your shower, during lunch hour or while watching the evening news. What's more important is that it's a time that allows you to keep a schedule, and a time when you won't be interrupted. If you are to be successful with your fitness program, you have to make it a priority in your life. So decide on a time, pull out your day planner and pencil in your exercise times for the next month!

## **HOW LONG?**

For aerobic exercise benefits, it's recommended that you exercise from between 24 and 32 minutes per session. But start slowly and gradually increase your exercise times. If you've been sedentary during the past year, it may be a good idea to keep your exercise times to as little as five minutes initially. Your body will need time to adjust to the new activity. If your goal is weight loss, a longer exercise session at lower intensities has been found to be most effective. A workout time of 48 minutes or more is recommended for best weight loss results.

## **HOW HARD?**

How hard you workout is also determined by your goals. If you use your Horizon Fitness recumbent bike to prepare for a 5K race, you will probably work out at a higher intensity than if your goal is general fitness. Regardless of your long term goals, always begin an exercise program at low intensity. Aerobic exercise does not have to be painful to be beneficial! There are two ways to measure your exercise intensity. The first is by monitoring your heart rate (see page 17), and the second is by evaluating your perceived exertion level (this is simpler than it sounds!). Note: Always consult your physician before beginning an exercise program.

## **PERCEIVED EXERTION LEVEL**

The second and simpler way to gauge your exercise intensity is to evaluate your perceived exertion level. While exercising if you are too winded to maintain a conversation without gasping, you are working out too hard. A good rule of thumb is to work to the point of exhilaration, not exhaustion. If you cannot catch your breath, it's time to slow down. Always be aware of other warning signs of overexertion.

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# *Monitoring Your Heart Rate*

## **FEEDBACK**

Your Horizon Fitness recumbent bike offers two heart rate feedback options. You may choose to use the heart rate handlebars, or the chest transmitter for a hands free workout. (3.1R only)

## **HEART RATE HANDLEBAR**

Place the palm of your hands directly on the heart rate handlebars. Both hands must grip the bars for your heart rate to register. When gripping the handlebars, do not grip tightly. Holding the grips tightly may elevate your blood pressure. Try to maintain moderate pressure while holding onto the heart rate handlebars. It is recommended that you hold the handlebars only long enough to see your heart rate readout on the console. You may experience an erratic readout if consistently holding the handlebars.

## **TELEMETRIC CHEST TRANSMITTER**

Prior to wearing the chest transmitter on your chest, moisten the two rubber electrodes with water. Center the chest strap just below the breast or pectoral muscles, directly over your sternum, with the Horizon Fitness logo facing out. Note: The chest strap must be tight and properly placed to receive an accurate and consistent readout. If the chest strap is too loose, or positioned improperly, you may receive an erratic or inconsistent heart rate readout. (3.1R only)

If you have any problems with the heart rate function please refer to the troubleshooting section.



## **WARNING!**

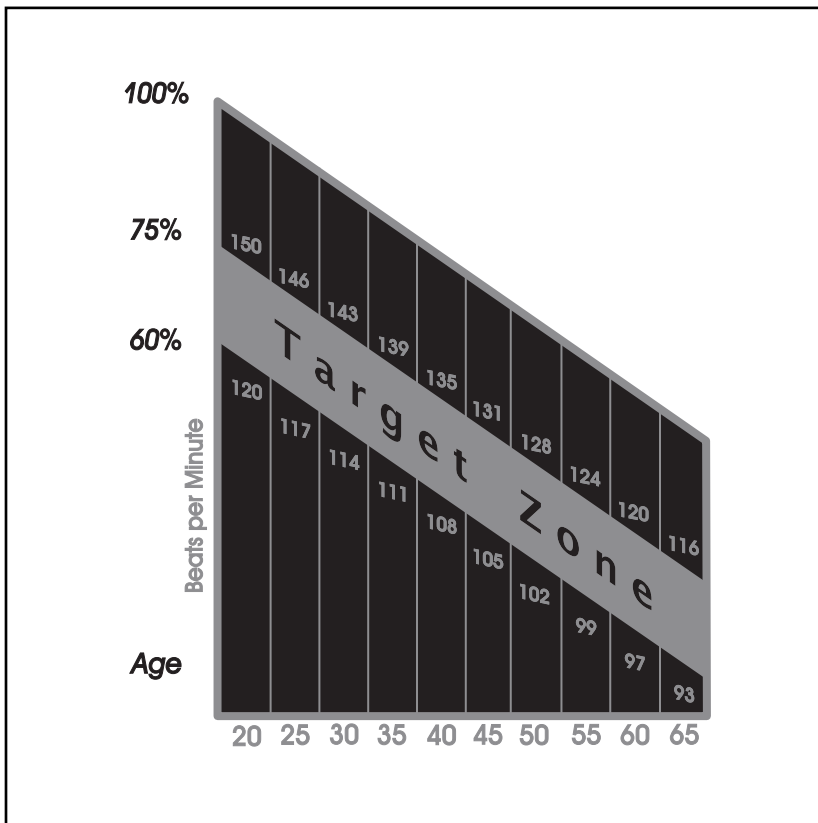
The heart rate function is not a medical device. Various factors may affect the accuracy of your heart rate reading. The heart rate reading is intended only as an exercise aid.



# Heart Rate Chart

## THR ZONE

Your 'Target Heart Rate Zone' is a percentage of your maximum heart rate. Target Zones will vary for each individual, depending on age, current level of conditioning, and personal fitness goals. The American Heart Association recommends working-out at a 'Target Heart Rate Zone' of between 60% and 75% of your maximum heart rate. See the chart below for convenient reference. **EXAMPLE** for a 42-year old user: find AGE along the bottom of the chart (round to 40), follow AGE column up to the TARGET ZONE BAR. RESULTS: 60% of maximum Hear Rate = 108 Beats Per Minute, 75% of maximum Heart Rate = 135 Beat Per Minute.



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# *Developing A Fitness Program*



## **STRETCH FIRST**

Before using your Horizon Fitness product, it is best to take a few minutes doing a few gentle stretching exercises. Stretching prior to exercise will improve flexibility and reduce chances of exercise related injury. Ease into each of these stretches with a slow gentle motion. Do not stretch to the point of pain. Make sure not to bounce while doing these stretches.

## **WALL PUSH**

Stand near a wall with the toes of one foot about 18" from the wall, and the other foot about 12" behind the other foot. Lean forward, pushing against the wall with your palms. Keep your heels flat and hold this position for a count of 15 seconds. Make sure that you do not bounce while stretching. Alternate positions of your feet and repeat for a total of 8 repetitions.

## **STANDING QUADRICEPS STRETCH**

Using a wall to provide balance, grasp your left ankle with your left hand and hold your foot against the back of your thigh for a count of 15 seconds. Repeat with your right ankle and hand, and continue alternating for a total of 8 repetitions.

## **SEATED TOE TOUCH**

Sit on the floor with your legs together and straight out in front of you. Do not lock your knees. Extend your fingers towards your toes and hold for a count of 15 seconds. Make sure that you do not bounce while stretching. Sit upright again. Repeat for a total of 8 repetitions.

---

# *Warm Up & Cool Down*

## **THE IMPORTANCE OF WARM UP AND COOL DOWN**

### **WARM UP**

The first 2 to 5 minutes of a workout should be devoted to warming up. The warm-up will limber your muscles and prepare them for more strenuous exercise. Make sure that you warm-up on your Horizon Fitness product at a slow pace.

### **COOL DOWN**

Never stop exercising suddenly! A cool-down period allows your heart to readjust to the decreased demand. Make sure that your cool down period consists of a very slow pace to allow your heart rate to lower. After the cool-down, repeat the stretching exercises on page 34 to loosen and relax your muscles.

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# ***Achieving Your Fitness Goals***

An important step in developing a long term fitness program is to determine your goals. Is your primary goal for exercising on your Horizon Fitness recumbent bike to lose weight? Improve muscle? Burn Stress? Prepare for the spring racing schedule? Knowing what your goals are will help you develop a more successful exercise program. Below are some common exercise goals:

- Weight Loss
- Improve Body Shape and Tone
- Increased Energy Level
- Improved Sports Performance
- Improved Cardiovascular Endurance
- Weight Maintenance
- Strengthen Leg Muscles
- Improved Sleep Patterns
- Stress Reduction

If possible try to define your personal goals in precise, measurable terms, and then put your goals in writing. The more specific you can be, the easier it will be to track your progress. If your goals are long term, divide them up into monthly and weekly segments. Longer term goals can lose some of the immediate motivation benefits. Short term goals are easier to achieve. Your Horizon Fitness recumbent bike console provides you with several readouts that can be used to record your progress. You can track Distance, Calories or Time. Time is the most important and useful of test functions.

## **KEEPING AN EXERCISE DIARY**

Photocopy the weekly and monthly log sheets on the following pages to make your personal exercise log book. As time goes by you'll be able to look back with pride at the work you've done. As your fitness improves, you can look back and see how far you've come.

# Weekly Log Sheets

WEEK # _____		WEEKLY GOAL: _____			
DAY	DATE	DISTANCE	CALORIES	TIME	COMMENTS
SUN					
MON					
TUES					
WED					
THUR					
FRI					
SAT					
WEEKLY TOTALS					

WEEK # _____		WEEKLY GOAL: _____			
DAY	DATE	DISTANCE	CALORIES	TIME	COMMENTS
SUN					
MON					
TUES					
WED					
THUR					
FRI					
SAT					
WEEKLY TOTALS					

WEEK # _____		WEEKLY GOAL: _____			
DAY	DATE	DISTANCE	CALORIES	TIME	COMMENTS
SUN					
MON					
TUES					
WED					
THUR					
FRI					
SAT					
WEEKLY TOTALS					

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# Monthly Log Sheets

MONTH _____		MONTHLY GOAL: _____	
WEEK #	DISTANCE	CALORIES	TIME
MONTHLY TOTALS			

MONTH _____		MONTHLY GOAL: _____	
WEEK #	DISTANCE	CALORIES	TIME
MONTHLY TOTALS			

MONTH _____		MONTHLY GOAL: _____	
WEEK #	DISTANCE	CALORIES	TIME
MONTHLY TOTALS			

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# *Limited Warranty*

## **FRAME • LIFETIME**

Horizon Fitness warrants the frame against defects in workmanship and materials for the lifetime of the original owner.

## **BRAKE • LIFETIME**

Horizon Fitness warrants the brake against defects in workmanship and materials for the lifetime of the original owner.

## **ELECTRONICS & PARTS • 2 YEARS**

Horizon Fitness warrants the electronic components and all original parts for a period of two years from the date of original purchase, so long as the device remains in the possession of the original owner.

## **LABOR • 1 YEAR**

Horizon Fitness shall cover the labor cost for the repair of the device for a period of one year from the date of the original purchase, so long as the device remains in the possession of the original owner.

## **EXCLUSIONS AND LIMITATIONS**

This warranty applies only to the original owner and is not transferable. This warranty is expressly limited to the repair or replacement of a defective frame, electronic component, or defective part and is the sole remedy of the warranty. The warranty does not cover normal wear and tear, improper assembly or maintenance, or installation of parts or accessories not originally intended or compatible with the recumbent bike as sold. The warranty does not apply to damage or failure due to accident, abuse, corrosion, discoloration of paint or plastic, or neglect. Horizon Fitness shall not be responsible for incidental or consequential damages. All returns must be pre-authorized by Horizon Fitness. Horizon Fitness' obligation under this warranty is limited to replacing or repairing, at Horizon Fitness' option, the product at one of its authorized service centers. An Horizon Fitness authorized service center must receive all products for which a warranty claim is made. These products must be received with all freight and other transportation charges prepaid, accompanied by sufficient proof of purchase. Parts and electronic components reconditioned to As New Condition by Horizon Fitness or its vendors may sometimes be supplied as warranty replacement parts and constitute fulfillment of warranty terms. This warranty gives you specific legal rights, and your rights may vary from state to state. This warranty is applicable to sales made only by Horizon Fitness, its affiliates, subsidiaries and authorized distributors of Horizon Fitness products within the U.S. and Canada.

## **WARRANTY REGISTRATION**

Your warranty card must be completed and sent to Horizon Fitness or register on line at [www.horizon-fitness.com](http://www.horizon-fitness.com), before a warranty claim can be processed.



Designed for life.™

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[www.horizonfitness.com](http://www.horizonfitness.com)