

Table of Contents

IMPORTANT SAFETY NOTICE	3
WARRANTY INFORMATION	5
1. OPERATING YOUR ORGANIC BIKE	6
1.1 Getting to Know the Organic Computer Display Monitor	6
1.2 Pausing During an Exercise	8
1.3 Saving an Exercise	9
1.4 Viewing Exercise Parameters	10
2. SETTING UP THE COMPUTER TO YOUR ENVIRONMENT	11
2.1 Access to "Settings Menu"	11
2.2 Language Feature	11
2.3 User Identification Feature	12
2.4 Changing the Pause Time	14
2.5 Distance Unit Feature	14
2.6 Time, Distance or Calories Feature	14
2.7 Warm-Up/Cool Down Feature	15
2.8 Sound Feature	16
2.9 Maximum Resistance Feature	16
2.10 Maximum Watts for Heart Rate Program Feature	16
2.11 Max Workout Time	17
2.12 Add/Remove Program Feature	17
3. ALL ORGANIC BIKES EXERCISE PROGRAMS	18
4. USING A HEART RATE RECEIVER	28
Possible Chest Strap Heart Rate Problems	29
Possible Contact Heart Rate Problems	30
5. COMPUTER DIAGNOSTICS	31
6. MAINTENANCE INFORMATION	35
General Care	35
Quick Troubleshooting Check List	36



Important Safety Notice

READ THIS MANUAL THOROUGHLY BEFORE ATTEMPTING TO ASSEMBLE OR USE THIS EXERCISE EQUIPMENT.

To ensure that you get the maximum benefit from the engineering that has gone into your machine, we recommend that you read this manual carefully before attempting to assemble and use the Organic bikes. Save these instructions and refer to this manual if you are unfamiliar with operation of the Organic series bikes.

WARNING – Before attempting to use any of this equipment you should read this instruction manual carefully. Use of this equipment by persons with heart or other medical problems may result in serious injury. You should consult with a physician prior to using this equipment. It is recommended to periodically consult your physician as you continue to use this equipment. Immediately cease exercise if you feel dizzy, faint or short of breath. Use of this equipment in a manner other than as prescribed by the instructions herewith may result in serious injury.

AVERTISSEMENT – Une lecture attentive de ce manuel d'instructions est recommandée avant de commencer à utiliser cet appareil. Son utilisation peut provoquer des blessures sérieuses chez les personnes souffrant de troubles cardiaques ou autres problèmes médicaux. Il est recommandé à ces personnes de consulter leur médecin avant d'utiliser cet appareil. Il est aussi recommandé de consulter régulièrement le médecin au cours de la période d'entraînement. Si vous êtes pris de vertiges ou d'étourdissements, si vous vous sentez défaillir ou avez le souffle court, cessez immédiatement l'exercice. L'utilisation de cet appareil d'une manière inadéquate ou autre à celle décrite dans ce manuel d'instructions peut entraîner des blessures sérieuses.

For Your Personal Safety

Always follow the console instruction for proper operation.

Do not place towels or clothing on any part of the bicycle. Do not place liquids near the computer console.

Keep the area around your Bodyguard® exercise bike clear of any obstructions, including walls and furniture.

Do not use the Bodyguard® exercise bike outdoors, near swimming pools or in areas of high humidity.

Do not drop or insert any object, hands or feet into any opening or underneath your Bodyguard® exercise bike.

Do not allow children near the bicycle when in operation. Do not allow unsupervised children near the bicycle.

Wear proper exercise footwear when using the bicycle. Do not use the bicycle in bare feet or in socks.

Always be careful and exercise caution when mounting or dismounting your bodyguard exercise bike. Use the handlebar whenever additional stability is required.

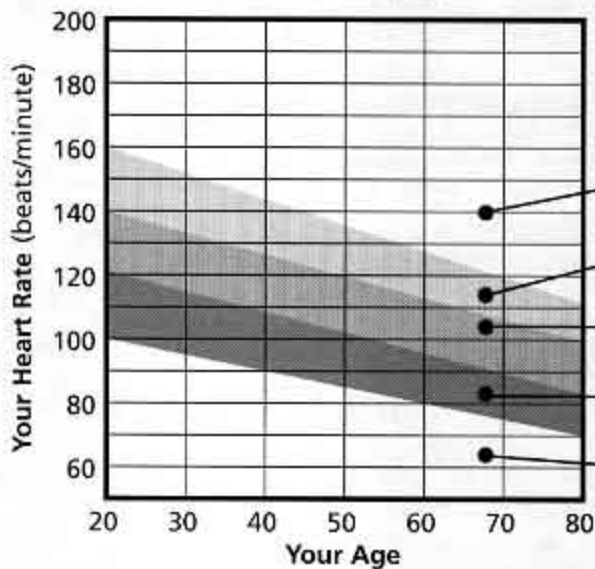


ATTENTION – Afin de prévenir les risques d'incendie ou de chocs électriques, l'appareil ne doit pas être exposé à la pluie ou à l'humidité. En confier l'entretien à une personne qualifiée uniquement.

If you have any questions about the assembly, proper use or repair of your Organic bike, please call your local Bodyguard® Dealer. All necessary adjustments or repairs during the warranty period must be made by an Authorized Bodyguard® Dealer.

Should you need more information, you can call our Customer Service Department at:
1-418-228-8934

Know Your Heart Rate



To determine your recommended heart rate level, select the type of exercise program you wish to follow. Your MAXIMUM HEART RATE (MHR) is calculated as follows:

$$\text{MHR} = 220 - \text{Age}$$

It is not recommended to exercise above 90% of your MHR.

Exercise in 70-80% MHR area for an aerobic exercise.

Exercise in 60-70% MHR area for a moderate, healthy heart zone.

Exercise in 50-60% MHR area if you wish to train in a fat burning zone.

Difficult to achieve exercise benefit below 50% MHR.



Warranty Information

BODYGUARD® FITNESS

Organic Series Bikes Limited Warranty

Bodyguard® Fitness warrants that product is in good working order and free of manufacturing defects in workmanship and materials.

The Organic RSG / VSG are warranted for a period of:

- Three years on parts and labor in a residential (home) application only.
- Three years on parts and two years labor in a institutional application.
- Two years on parts and labor in a full commercial application.

This Warranty is non-transferable and applies to the original owner of the unit.

Responsibility of the User

The following items are not included in the Warranty since they are not considered manufacturing defects.

1. Damage resulting from any accidental use, disaster, misuse and abuse.
2. Service and parts required due to improper wiring.
3. Service and parts required as a result of improper servicing or from an unauthorized dealer.
4. Service and parts required as a result of flood, fire, vandalism or acts of God.
5. Labor to correct installation of the unit or instructing owners on how to use and install the unit.
6. Wear items such as handle bar foam coverings, drive belts and paint finish corrosion or discoloration resulting from improper cleaning of the unit.

This Warranty is in addition to any statutory warranty. This Warranty supersedes all other written or expressed warranties.

In the event your Organic bike should require service, you must contact the Authorized Bodyguard® Dealer where you purchased your machine or the nearest Authorized Bodyguard® Dealer or an Authorized Bodyguard® Service Dealer.



1 Operating your Organic Bike

Each Organic bike contains a computer display monitor that is very user friendly. The control functions, unique programs and features have been designed with you in mind, to offer the best possible exercise by displaying important and clear information regarding your exercise progress.

Please familiarize yourself with the functions of the computer display monitor and each program to allow you to have the best possible exercise.

1.1 Getting to Know the Organic RSG / VSG Computer Display Monitor

Computer Display Monitor


The computer display monitor consists of a main viewing screen, a central informational window and two additional informational windows.

The two informational windows will display SPEED, CALORIES, LEVEL/GEAR, ELAPSED TIME, DISTANCE and WATTS.


ORGANIC COMPUTER DISPLAY MONITOR


Main viewing display screen of an exercise with a predetermined resistance profile.





 **SPEED** indicates the riding speed in miles per hour or kilometers per hour (depending on your settings).

 **CALORIES** displays the accumulated calories expended from the start of the exercise.

 **LEVEL/GEAR** indicates the current exercise intensity ranging from the easiest (1) to the hardest (15) or the gear value for the RACE and the TRACK programs ranging from the slowest (1) to the fastest (21) in relation to the distance traveled.

 **ELAPSED TIME** displays the total time from the start of the exercise.

 **DISTANCE** indicates the distance traveled in miles (or kilometers depending on your settings).

 **WATTS** displays the level of effort in relation to the RPM.

Keys

During an exercise, you can change the value shown on each informational window by pressing the adjacent round select key once. If you wish to have the information displayed in a scanning mode, simply hold down the round select key for three seconds and release it. You will hear a series of beeps indicating that the scanning mode is engaged. Now the information will scan every two seconds. You can also activate the second window to scan by repeating the above sequence. To remove the scan, just press the round select key once.

Below the main viewing screen area, six keys allow you to select and control your exercises. Starting from the left, the INCREASE and DECREASE Level/Gear keys allow you to modify the entire section of the profile to come. The section of the profile already done is fixed. The gear option is only available in the RACE and TRACK, HILL and simulates gear ratios of a road or mountain bicycle (26 inches or 66 cm wheelbase).

The INCREASE and DECREASE Segment keys allow you to modify only the current segment during an exercise. All four INCREASE and DECREASE keys also allow you to select the programs and parameters prior to each exercise.

The PAUSE/STOP key allows you to cancel a program selection or temporarily pause an exercise.

The JustGo™/ENTER key allows you to accept various program parameters and start a program.



Scanning Feature for Organic RSG / VSG

During an exercise, the central informational window displays 15 scanning exercise parameters (message center) along with the exercise program. The parameters that will be displayed are:

- SPEED indicates the actual riding speed in miles (or kilometers depending on your settings) per hour.
- RPM indicates the rotational speed of the pedal axle.
- SEGMENT DURATION indicates the amount of time (or distance or calories) remaining in the actual exercise segment. Each program has a total of 15 segments.
- DISTANCE displays the distance traveled in miles (or kilometers depending on your settings).
- ELAPSED TIME displays the total time from the start of the exercise.
- HEART RATE displays your actual heart rate if the optional chest strap is used. The display is shown in beats per minute.
- LEVEL/GEAR indicates the current exercise intensity ranging from the easiest (1) to the hardest (15) or the gear value for the RACE, TRACK and HILL programs ranging from the slowest (1) to the fastest (21) in relation to the distance traveled.
- WATTS displays the level of effort in relation to the RPM.
- CALORIES displays the accumulated calories expended from the start of the exercise.
- CALORIES PER HOUR indicates the hourly caloric expenditure based on your actual exercise intensity level.
- METS indicates the ratio of your working metabolic rate versus your resting metabolic rate.
- PACE displays the required time to complete a mile (or a kilometer depending on your settings) at the current speed.
- TREM (target remaining) indicates the amount of target remaining once an exercise has started.
 - or DISTREM (distance remaining) if you selected distance in your settings
 - or CALREM (calories remaining) if you selected calories in your settings
- AVERAGE SPEED displays the average speed from the start of the exercise.
- MAXIMUM SPEED indicates the maximum speed from the start of the exercise.

1.2 Pausing During an Exercise

You can pause any exercise by pressing the PAUSE/STOP key. When this key is pressed during an exercise, the current program will be kept in MEMORY until the program is resumed. If the pause time expires, the exercise will terminate. The Organic models can have a 60 second pause time. This pause time may be modified from 10 to 60 seconds. The default Pause time will be 30 seconds.



To pause an exercise:

1. Press the PAUSE/STOP key whenever you feel the need to momentarily pause the exercise. A message will appear on the screen indicating the amount of time remaining in the pause and at what time of the exercise you paused at.
2. If you wish to continue the exercise, simply press the JustGo™/ENTER key to start the exercise. If the PAUSE expires, the program will be saved under RECOVERY in memory.
3. If you wish to cancel the exercise during the pause, simply press the PAUSE/STOP key. The exercise will be terminated and a summary of your exercise parameters plus the option to save the exercise will be displayed.

1.3 Saving an Exercise

Once any program has finished or is prematurely terminated, the user has the option to save the entire exercise and recall it at a later date. This feature is very useful when a particular exercise is interesting and motivational. With the Organic bikes, you have the ability to create or modify an existing program and save it with the ability to recall it including the HEART RATE CONTROL program. The Organic bikes have the unique feature of saving a HEART RATE CONTROL program and being able to recall this exercise and do it without the chest strap.

When any program has finished or is prematurely terminated, the exercise parameters will first appear and then a menu will be displayed in which you have the option to save the exercise. If you wish to save the exercise at the end of program you will need to proceed as described below.

1. Press the JustGo™/ENTER key while your parameters are scrolling or when you get the message "TO SAVE THIS EXERCISE PRESS ENTER IF NOT PRESS STOP".
2. The Organic will indicate to you under which CUSTOM number it has been saved.

NOTE – The Organic bikes have eight custom program slots. If the MEMORY is full press the INCREASE or DECREASE keys to select the CUSTOM program you would like to overwrite. Press the JustGo™/ENTER key to accept.

If you do not wish to save the exercise, press the PAUSE/STOP key to return to the program menu.



1.4 Viewing exercise parameters

At the end of each exercise program, the computer will display seven exercise parameters. These parameters will be TOTAL DISTANCE, CALORIES BURNED, TOTAL EXERCISE TIME, AVERAGE SPEED, PACE, AVERAGE HEART RATE, and MAXIMUM HEART RATE.

- TOTAL DISTANCE displays the distance traveled for the entire exercise.
- CALORIES BURNED displays the approximated caloric expenditure for the entire exercise.
- TOTAL EXERCISE TIME displays the total workout time in minutes and seconds.
- AVERAGE SPEED displays the average speed value for the entire exercise.
- PACE displays the estimated time to complete a mile (or a kilometer depending on your settings) based on the average speed of the exercise.
- AVERAGE HEART RATE displays the averaged heart rate value for the entire exercise.
- MAXIMUM HEART RATE displays the highest heart rate reached during the exercise. If no heart rate system is used, a value of "0" for the heart rate will be shown.



Setting Up the Computer to Your Environment

The Organic bicycles offer unique features that allows the user to tailor the bicycle to its current environment. This environment may include the household users or guests. The bike computer can also display a series of diagnostic features (see Section 5).

The Organic bicycles allow you to select and modify the following settings:

- Language
- Max Resistance
- Pause Time
- Distance Unit (miles or kilometers)
- Select Time, Distance or Calories
- Warm-Up/Cool Down (On/Off)
- User Id's
- Max Watts
- Max Workout Time
- Add/Remove Program
- Sound Feature (On/Off)

NOTICE:

The Organic RSG & VSG are self powered. You simply begin pedaling to operate the equipment, the display only remains activated while you are pedaling. To modify features in the settings menu, it is important that you continue pedaling.

2.1 Access to "Settings Menu"

To view the above settings, you must enter into the "SETTINGS MENU" as followed:

1. Simultaneous hold down the LEVEL/GEAR INCREASE and the SELECT TOP keys,
2. Begin pedaling (you must pedal at a minimum of 30 RPM during at least 5 seconds) to activate SETTING menu.
3. Release the LEVEL/GEAR INCREASE and the SELECT TOP keys once entered into the Settings menu.

2.2 Language Feature

You can display all the instructions and information on the computer display screen in a choice of four languages.

To select a language: *Enter into the Settings menu, see Section 2.1.*

1. Select the LANGUAGE option, and press the JustGo™/ENTER key to accept.
2. Select the language you wish to be displayed on the screen. Choose from English, French, German and Spanish. Press the INCREASE or DECREASE keys to select the language.
3. Press the JustGo™/ENTER key to accept.



From now on, all text will be displayed in the language you selected.

2.3 User Identification Feature

The User Identification feature allows the bicycle to recognize up to eight individuals and automatically accumulate statistics related to the user exercises.

Whenever the User Identification feature is used, the user's age will be automatically entered during the Heart Rate Control program as well as the age and the sex during the FITNESS TEST.

The User ID feature gives access to the following options:

- Activate User ID
- Create User ID
- Edit User ID
- View Statistics
- Reset Statistics
- Delete User ID

Activate User

To activate the User Identification feature: *Enter into the Settings menu, see Section 2.1.*

1. Select the USER ID option and press the JustGo™/ENTER key to accept.
2. Select the ACTIVATE USER ID option and press JustGo™/ENTER key to accept.
3. Press INCREASE or DECREASE key to choose YES or NO to activate or deactivate it and then press the JustGo™/ENTER key to accept.

Now that the User ID feature is activated; you will be prompted, at the beginning of each program, to select a User Identification.

Create User

To create a User ID: *Select the CREATE USER option and press JustGo™/ENTER key to accept.*

1. You will immediately be sent to the lowest empty location, if the MEMORY is full you'll have to go to the DELETE USER option.
2. A total of six alpha-numeric characters can be used to name the USER ID. Use the INCREASE or DECREASE keys to select any letter from A to Z or number from 0 to 9 as the first character. If you wish to leave a space between characters, simply select SPACE (blank character) between the 9 and the A characters. Press the JustGo™/ENTER key to accept this character. Now the second character must be selected. Repeat this procedure until you have selected a USER ID name.

If you wish to modify a character before all six spaces are accepted, press the PAUSE/STOP key to backspace.

3. Now you have to enter your age. Simply use the INCREASE or DECREASE key to select your age. Press the JustGo™/ENTER key to accept your age.



4. Then you have to enter your sex, press the INCREASE or DECREASE key to select your sex and press the JustGo™/ENTER key to accept it.
5. Then press the PAUSE/STOP key to go back to the USER ID main menu.

Edit User

To edit the different User ID's: *Select the EDIT USER option and press JustGo™/ENTER key to accept.*

1. Select the user you want to edit by using the INCREASE or DECREASE key and press the JustGo™/ENTER key to accept it.
2. Enter your age. Simply use the INCREASE or DECREASE key to select your age. Press the JustGo™/ENTER key to accept.
3. Now you have to enter your sex. Press the INCREASE or DECREASE key to select your sex and press the JustGo™/ENTER key to accept it.
4. Press the PAUSE/STOP key to go back to the USER ID main menu.

View Statistics

To view the statistics of a User Identification: *Select the VIEW STATISTICS option and press JustGo™/ENTER key to accept.*

Select the User Identification for which you wish to see the statistics. These parameters represent the accumulated values of all the exercises of a user while the User Identification feature was activated.

- TOTAL DISTANCE displays the distance traveled in miles (or in kilometers depending on your settings).
- AVERAGE SPEED indicates the average speed in miles or kilometers per hour.
- TOTAL TIME displays the total exercise time.
- TOTAL CALORIES displays the accumulated calories expended.

Reset Statistics

To reset the statistics of a User Identification: *Select the RESET STATISTICS option and press JustGo™/ENTER key to accept.*

Select the User Identification for which you wish to reset the statistics. Press the JustGo™/ENTER key to reset the statistics of this User Identification.

If you do not wish to reset the statistics of this User Identification, press the PAUSE/STOP key. The Reset Statistics feature can help to monitor your progress week after week or between seasons.

Delete User

To delete a User Identification: *Select the DELETE USER option and press JustGo™/ENTER key to accept.*

Select the User Identification you wish to delete. Press the JustGo™/ENTER key to delete this User Identification.



If you do not wish to delete this User Identification, press the PAUSE/STOP key.

NOTE – If you choose to delete a user, you will clear all saved parameters under that user's name.

2.4 Changing the Pause Time

To modify the pause time: *Enter into the Settings menu, see Section 2.1.*

1. Select the PAUSE TIME option, and press the JustGo™/ENTER key to accept.
2. Select from 10 to 60 second pause times. Press the INCREASE or DECREASE keys to select the pause time.
3. Press the JustGo™/ENTER key to accept.

2.5 Distance Unit Feature

The distance unit can be selected to display in miles or kilometers.

To select a distance unit: *Enter into the Settings menu, see Section 2.1.*

1. Select the DISTANCE UNIT option, and press the JustGo™/ENTER key to accept.
2. Select the distance unit you wish to be displayed on the screen. Choose from MILE or KILOMETER. Press the INCREASE or DECREASE keys to select the distance unit.
3. Press the JustGo™/ENTER key to accept.

From now on, distance and speed values entered will be in the selected units.

2.6 Time, Distance or Calories

The TIME, DISTANCE or CALORIES feature allows you to choose to do all exercise programs with either a time, a distance or a calorie value as your target.

To access Time, Distance or Calories: *Enter into the Settings menu, see Section 2.1.*

1. Select the TIME, DISTANCE or CALORIES menu with the INCREASE or DECREASE keys and press the JustGo™/ENTER key to enter it.
2. Make your choice between time, distance or calories with the INCREASE or DECREASE keys and press the JustGo™/ENTER key to accept it.

From now on, the new duration of your exercise will be in the selected value.

Table of minimum and maximum values

Here's a table of the minimum and the maximum values that you can choose which has a duration depending on your Settings choice.

	TIME	DISTANCE	CALORIES
MIN	5 minutes	1 mile or 1 km	25 calories
MAX	99 minutes	99 miles or 99 km	2000 calories



2.7 Warm-Up/Cool-Down Feature

Doing a warm-up period before an exercise and a cool down period after an exercise is strongly recommended for your safety. In your Organic, you have a feature that allow you to warm-up and cool down on your bicycle.

If the warm-up/cool down option is activated, a warm-up screen will be displayed prior to each exercise as well as a cool down screen after each exercise. Be aware that the warm-up and cool down screens are not available for the JustGo™, the TRACK and the RACE programs in which you need to establish your own warm-up and cool down periods.

The warm-up has a duration of 4 minutes and the resistance profile is divided in 5 segments.

Warm-up:

- Segment 1: Is a fifth in intensity of the first segment exercise.
- Segment 2: Is two fifths in intensity of the first segment exercise.
- Segment 3: Is three fifths in intensity of the first segment exercise.
- Segment 4: Is four fifths in intensity of the first segment exercise.
- Segment 5: Is the same as the first segment exercise.

Cool-down:

- Segment 1: Is the same as the last segment exercise.
- Segment 2: Is four fifths in intensity of the last segment exercise.
- Segment 3: Is three fifths in intensity of the last segment exercise.
- Segment 4: Is two fifths in intensity of the last segment exercise.
- Segment 5: Is a fifth in intensity of the last segment exercise.

All segments will decrease gradually from the last value of speed in your program.

The calories, time and the distance are not accumulated in the "WARM UP/COOL-DOWN" modes.

The warm-up/cool-down option can be activated or deactivated.

To activate or deactivate the warm-up/cool-down option: *Enter into the Settings menu, See Section 2.1.*

1. Select the WARM UP/COOL -DOWN option, and press the JustGo™/ENTER key to accept.
2. Choose from ON or OFF. Press the speed INCREASE or DECREASE to choose and press the JustGo™/ENTER key to accept.

From now on, the warm-up/cool-down option will be in the selected mode.

NOTE – If you wish to cancel the warm-up or cool-down while you perform it, simply press the PAUSE/STOP key to interrupt the feature.

2.8 Sound feature

The sound can be activated or deactivated.

To activate or deactivate the sound: *Enter into the Settings menu, see Section 2.1.*

1. Select the SOUND option, and press the JustGo™/ENTER key to accept.
2. Select the mode in which you wish the sound to be. Choose from YES or NO with the INCREASE and DECREASE key. Select ENTER key to accept your choice.

From now on, the sound will be in the selected mode.

2.9 Maximum Resistance Feature

The brake resistance can be limited while exercising. This feature applies to all programs (except the HEART RATE program and the FITNESS TEST).

To limit the maximum brake resistance: *Enter into the Settings menu, see Section 2.1.*

1. Select the MAX RESISTANCE option, and press the JustGo™/ENTER key to accept.
2. Select the maximum resistance percentage you wish to set for the programs. Choose from 10 to 100%. Press the INCREASE or DECREASE keys to select the maximum resistance percentage.
3. Press the JustGo™/ENTER key to accept.

From now on, the maximum resistance percentage in programs will be the selected value.

2.10 Maximum Watts for Heart Rate Program Feature

The watt value can be limited while exercising in the Heart rate program.

To select the maximum watt value: *Enter into the Settings menu, see Section 2.1.*

1. Select the MAX WATTS option, and press the JustGo™/ENTER key to accept.
2. Select the maximum watt value you wish to set for the programs. Choose from 25 to 400 watts. Press the INCREASE or DECREASE keys to select the maximum watt value.
3. Press the JustGo™/ENTER key to accept.

From now on, the maximum watt value in the Heart rate program will be the selected value.



2.11 Max Workout Time

The maximum time of an exercise can be limited.

To select the maximum time: *Enter into the Settings menu, see Section 2.1.*

1. Select the MAX TIME option, and press the JustGo™/ENTER key to accept.
2. Select the maximum time you wish to be set for the programs. Choose from 5 to 99 minutes. Press the INCREASE or DECREASE keys to select the time.
3. Press the JustGo™/ENTER key to accept.

From now on, the maximum time of an exercise (except for RACE, HILL and TRACK programs) will be in the selected value.

2.12 Add/Remove Program Feature

The Organic offer you the possibility to manage your main menu with your favorite programs by deleting from the menu the programs you don't want. After deleting it, you can, if you change your mind, put it back on your menu with the add option. Note that you can not remove the JustGo™ program.

To select the add/remove program feature: *Enter the Settings menu, see Section 2.1.*

1. Select the ADD/REMOVE PROGRAM feature with the INCREASE or DECREASE keys and press the JustGo™/ENTER key to accept.
2. Using the INCREASE or DECREASE keys, select YES in front of the program names you want to add or keep and select NO in front of the programs you want remove. Press the JustGo™/ENTER key to accept.



③ All Organic Bikes Exercise Programs

Your Bike computer has been programmed with the following features:

- Novice, Intermediate and Expert Modes
- 15 Exercise Levels or 21 Gears
- One JustGo™ Program
- One Manual Program
- One Track Program
- Eight memory Programs
- One Heart Rate Control Program
- One Target Watts Program
- One Fitness Test
- One Race Program
- Five Hill (mountain) Programs
- Eleven resistance Hill Profiles
- Random Program
- One Interval Training Program

Notice:

If the speed is under 30 RPM for more than the pause time, the exercise will be saved under "RECOVERY" in memory



Organic^{SG}
series

A profile is a pre-set hill pattern. You will get the same profile (hills and valleys) every time you select the same specific exercise program. Programs allow you to monitor your progress and they add fun and interest to your exercise.

Note that JustGo™, MANUAL, HEART RATE, TARGET WATTS, FITNESS TEST, TRACK, RACE programs and RANDOM do not have a predetermined Hill profile. If you chose time in your settings, then each segment time would be equal to the selected exercise time divided by 15 segments.

Program Levels

Each of the programs, except the RACE, the TRACK programs and the HILL have 15 individual exercise levels. LEVEL 1 is the easiest (less resistance) and LEVEL 15 is the most difficult (highest resistance). This feature allows you to alter the intensity of your workout without changing your program profile. Levels can be changed at anytime during your workout by pressing the Level INCREASE and DECREASE keys.

The following table shows the level of effort (watts) at a rotational pedal axle speed of 60 RPM for various intensity modes and exercise levels.

Table 1

Level of effort at a rotational pedal axle speed of 60 RPM for various exercise levels and intensity modes. All levels of effort values are in watts.

EXERCISE LEVEL	INTENSITY MODE		
	NOVICE (watts)	INTERMEDIATE (watts)	EXPERT (watts)
1	65	65	65
2	78	87	93
3	91	109	120
4	105	131	148
5	118	154	175
6	131	176	203
7	144	198	230
8	158	220	258
9	171	242	285
10	184	264	313
11	197	286	340
12	210	309	368
13	224	331	395
14	237	353	423
15	250	375	450



Gear Ratio

Compared to all the other programs, the RACE, the TRACK, the RACE and the HILL programs allow you to simulate a road or mountain bicycle having 21 gears and 26 inches (66 cm) wheels. GEAR 1 is the easiest (or slowest) and GEAR 21 is the most difficult (or fastest). This feature allows you to travel a certain distance in less or more time. Gears can be changed at anytime during your workout by pressing the Gear INCREASE and DECREASE keys.

The following table shows the riding speed in miles per hour and kilometers per hour at various gear ratios for a given rotational pedal axle speed (60 RPM).

Table 2

Riding speed at a rotational pedal axle speed of 60 RPM for various gear ratios.

GEAR RATIO	SPEED AT 60 RPM (miles per hour)	SPEED AT 60 RPM (kilometers per hour)
1	4.3	6.9
2	5.1	8.2
3	5.8	9.3
4	6.4	10.3
5	7.1	11.4
6	7.8	12.6
7	8.4	13.5
8	9.1	14.6
9	9.8	15.8
10	10.4	16.7
11	11.1	17.9
12	11.7	18.8
13	12.4	19.9
14	13.1	21.1
15	13.7	22.0
16	14.4	23.2
17	15.1	24.3
18	15.8	25.4
19	16.4	26.4
20	17.1	27.5
21	17.8	28.6

Riding Speed

In cycling, “slower” means spending less watts and “faster” means spending more watt for a constant resistance level. Therefore when you increase your level of difficulty and you maintain the same rotational speed, you increase your watts expenditure.

The versatility of levels within programs makes it easy for you to target your perfect workout intensity. It is also simple for you to advance to new levels of difficulty without taking giant leaps into new programs.

Changing the segment resistance manually will cause only the active segment resistance to change. Changing the level manually will cause the entire resistance profile to change.

JustGo™ Program

The JustGo™ program allows you to start a manual exercise with the push of one key. Since the JustGo™ program is the initial program, it will always be displayed first for easy selection. You have total control of the pedal resistance at all times during this program. Use the JustGo™ program if you like to exercise at fairly constant speeds with little or no changes during the exercise.



Manual Program

The Manual program allows you to create your own exercise as you progress in the program. The resistance is completely controlled by the user at all times. At a glance, the JustGo™ and Manual programs seem very similar due to the fact that the user controls the resistance at all times. The difference is that in the Manual program, you select your exercise duration for a more appropriate exercise.

Track Program

The Track program is one that enables you to choose from 1-350 laps of a 250 meters (or about 273 yards) Olympic track. Each Track program allows the user to completely control their speed from the start of the exercise until the end since there is no automatic speed control during the Track program.

The Track program will display a flashing dot on an oval track screen that will display your progression. The informational window will show you how many laps have been done in your workout.

To select the Track Program:

1. Press the DECREASE key to select TRACK. Press the JustGo™/ENTER key to accept the Track program.
2. Select the number of laps. Press the speed INCREASE or DECREASE keys to select the appropriate number of laps from 1 to 350. Press the JustGo™/ENTER key to accept.

Memory Programs

The Memory programs allow you to recall previously completed exercises as well as the "RECOVERY" program. After each exercise has finished, you are prompted if you wish to save the current exercise or not. All programs, except the TRACK, FITNESS TEST and RACE programs can be saved as Memory programs.

To select the Memory programs:

1. Press the DECREASE key to select MEMORY. Press the JustGo™/ENTER key to accept the Memory program.
2. Use the INCREASE or DECREASE keys to select one of the custom program. When you have selected the custom program you want, press the JustGo™/ENTER key to accept.
3. Select the exercise duration. Press the INCREASE or DECREASE keys to select the appropriate exercise duration. Press the JustGo™/ENTER key to accept.
4. Select your intensity mode. Press the INCREASE or DECREASE keys to select NOVICE, INTERMEDIATE or EXPERT modes. Press the JustGo™/ENTER key to accept.

Heart Rate Control Program (HRC)

The Heart Rate Control program allows you to exercise at a predetermined target heart rate level. By selecting the desired target heart rate level, the watt value will automatically adjust to decrease or increase the exercise intensity.

NOTE – This program can only be used with the optional heart rate chest strap available from your Authorized Bodyguard® Dealer. Use of the heart rate chest strap will allow the bicycle to change the level of effort in relation to the RPM (watts). To achieve optimal results, it is recommended to place the chest strap directly over the skin. The strap should be very snug since any significant amount of shock or impact may temporarily produce wrong heart rate signals. You should not be more than arms length from the computer display to achieve the best signal. If at anytime the heart rate receiver does not detect a signal from the chest strap for more then a few seconds, a message will appear asking to "NO HR SIGNAL PLEASE CHECK BELT".

WARNING – Before attempting to use any of this equipment, you should read the instruction manual carefully. Use of this equipment by persons with heart or other medical problems may result in serious injury. You should consult with a physician prior to using this equipment. It is recommended to periodically consult your physician as you continue to use this equipment. Immediately cease exercise if you feel dizzy, faint or short of breath. Use of this equipment in a manner other than as prescribed by these instructions herewith may result in serious injury.

To select the Heart Rate Control program:

1. Press the DECREASE key to select HEART RATE. Press the JustGo™/ ENTER key to accept the Heart Rate Control program.
2. Select the exercise duration. Press the INCREASE or DECREASE keys to select the appropriate exercise duration. Press the JustGo™/ENTER key to accept.



3. Select your age to allow the computer to calculate your maximum allowable heart rate level. Press the INCREASE or DECREASE keys to select your age. The age will vary from 10 to 100 years. Press the JustGo™/ENTER key to accept.
4. Select an exercise intensity based on your preferred level of exercise. Press the INCREASE or DECREASE keys to select the exercise intensity.
 - The 60% level is a good guide for persons interested in training in the fat loss range.
 - The 70% level is suitable for persons interested in training in the cardiovascular range.
 - The 80% level requires the most effort and is suitable for persons with a higher level of fitness.
5. Based on the previous selection, the computer suggests a target heart rate that you are allowed to modify. Press the INCREASE or DECREASE keys to select the desired target heart rate. Press the JustGo™/ENTER key to accept and start the exercise.

Once the exercise has started, your ACTUAL heart rate should be lower than the TARGET heart rate. The computer then will gradually regulate the resistance based on your RPM (watt value) to increase your exercise intensity level, resulting in a higher ACTUAL heart rate. If the ACTUAL heart rate is within +/-5 beats from your TARGET heart rate, the resistance level will no longer change.

On your Organic bike, the Heart Rate Control program is driven by the level of effort for a certain rotational speed of the pedal axle (watts). If you slow down your rotational speed (RPM), the computer will increase the resistance to maintain the watt value.

NOTE – If the rotational speed is below 30 RPM, the computer will cease the regulation of the resistance. For optimal functioning of the Heart Rate Control program, maintain a rotational speed over 20 RPM.

WARNING – If you feel that the speed is too fast for your fitness level and you cannot keep up, press the PAUSE/STOP key and terminate the exercise program. You can try the program again, but at a lower INTENSITY level (60%). If this is still too fast for you, do not use the Heart Rate Control program until your fitness level allows you to safely exercise at your TARGET heart rate level.

If you have set a maximum watt value for the Heart Rate Control program in the settings (see Section 2.10), the maximum watt value during the exercise will not exceed your selection.

Target Watts Program

The Target Watts program allows you to exercise at a predetermined target watts level. By selecting the desired target watt level, the watts value will automatically adjust to decrease or increase the exercise intensity.

During the exercise, the main computer screen will not show a resistance profile like the other programs, but will display a watt graph. A straight line indicates your TARGET watts and a flashing dot representing your ACTUAL watt level gets built as you progress in the exercise.

On your Organic bike, the Target Watts program is driven by the level of effort for a certain rotational speed of the pedal axle (watts). If you slow down your rotational speed (RPM), the computer will increase the resistance to maintain the watt value.

During the Target Watts program, you can change the watts by pressing the INCREASE or DECREASE keys.

Fitness Test

The Fitness Test allows you the possibility to evaluate your fitness level based on a demographic analysis. The protocol integrated in your Organic bike is the most recognized test worldwide in the fitness industry.

The Fitness Test evaluates your maximal oxygen uptake (VO_2 max) and classify your fitness level based on your age and sex.

The most important use for the Fitness Test is in testing the same individual on several separate occasions. It adds motivation to your training program and allow evaluation of the training program effectiveness.

NOTE – This program can only be used with the optional heart rate chest strap available from your Authorized Bodyguard® Dealer. To achieve optimal results, it is recommended to place the chest strap directly over the skin. The strap should be very snug since any significant amount of shock or impact may temporarily produce wrong heart rate signals. Before the beginning of the test, if the heart rate receiver does not detect a signal from the chest strap for more then a few seconds, a message will appear and the test will not begin until the heart rate receiver detect the signal.

WARNING – Before attempting to use any of this equipment, you should read the instruction manual carefully. Use of this equipment by persons with heart or other medical problems may result in serious injury. You should consult with a physician prior to using this equipment. It is recommended to periodically consult your physician as you continue to use this equipment. Immediately cease exercise if you feel dizzy, faint or short of breath. Use of this equipment in a manner other than as prescribed by these instructions herewith may result in serious injury. If a physician is not present, Fitness Test on persons over 40 years of age should be discontinued if the heart rate exceeds 150 beats per minute.

Before beginning the Fitness Test, you must perform a warm-up for a period of 2 minutes. The warm-up period cannot be canceled.

After the warm-up period, the 3 minutes Fitness Test begins. Five parameters will be displayed on the main screen.

Based on the incoming results, the computer will evaluate your rating. If you selected an exercise intensity far from your level capacity, the Organic bike will increase or decrease your exercise intensity after the 3 minutes period. You will then restart the 3 minutes Fitness Test until the computer determines your fitness level. If you choose the appropriate exercise intensity, the Fitness Test will only last 5 minutes (2 minutes for the warm-up and 3 minutes for the test).

The Organic bike will display your level of fitness in one of the following categories: Poor, Fair, Average, Good or Excellent.

WARNING – If you feel that the rhythm is too high for your fitness level and you cannot keep up, press the PAUSE/STOP key and terminate the exercise program.



Race Program

The Race program offers the possibility to compete against a number of challengers from 1 to 3. You cannot save the Race program in Memory.

The Race program will display a number of challengers. The highest challenger is you and the others are your opponents.

Hill Programs

The Hill program allows the user to completely control their riding speed from the start to the end of the exercise.

If you do not complete the hill, you can save the Hill program and continue where you saved it previously. Once a Hill program is completed, you cannot save it in Memory.

The following rides are available:

- MOUNTAIN BIKE
- STREET BIKE
- BMX
- TRAIL
- EXTREME

In NOVICE mode, the distance is 5 miles. In INTERMEDIATE mode, the distance is 7.5 miles and for EXPERT it is 10 miles.

To select the Hill program:

1. Press the DECREASE key to select Hill. Press the JustGo™/ENTER key to accept the Hill program.
2. Select the ride you wish to cycle. Press the INCREASE or DECREASE keys to select. Press the JustGo™/ENTER key to accept.

Programs P1 to P11



Programs P1 to P11 are predetermined hill profiles that have varying resistance levels. The higher the segment profile line is, the harder it will be.

Random Program

The Random program will display a completely new exercise each time the Random program is selected. This unique feature allows an almost infinite amount of exercise programs to be displayed at the touch of a key. Each new Random program will have a programmed resistance profile, resulting in automatic resistance changes. If you wish, you can change the resistance at anytime during the exercise. The computer can display over 4 billion random programs.

Interval Training Program

The Interval Training program allows you to exercise with high intensity workouts and then rest periodically at set recovery periods. The Interval Training program has predetermined resistance profiles according to the selected exercise levels. You can change the level during the exercise if you find it too easy or too hard.

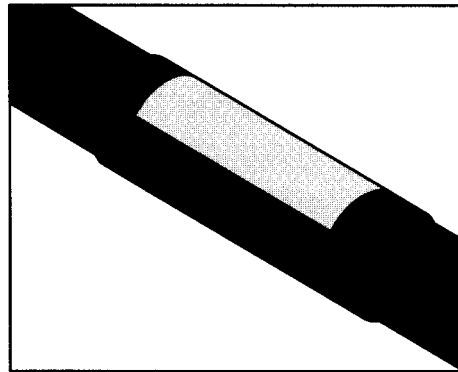
The Interval Training program has predetermined resistance profiles. Use the 2 keys segment and level if you want change the resistance manually. Changing the resistance manually will cause all the segments to change.

Using Contact Heart Rate

Your organic bikes have a built-in Contact Heart Rate System. This feature allows users in a commercial environment to enjoy the benefits of heart-rate without the need of a chest strap. The Contact areas located on the hand grips require that the palms are not too moist (sweaty). Periodically in the workout you might want to check your heart rate. By holding the contact bars you will see your current pulse on screen.

NOTE – The hand held contact systems are not recommended for Heart Rate Control programs since they will not show continual heart rate, due to possible lifting of the hands, or too much moisture.

The wearing of a chest strap is default on screen. Although one wearing a chest strap could also touch the Contact Bars, the chest strap would not allow the pulse to be affected.



Heart Rate Access Feature (HRA)

The Heart Rate Access feature allows you to selectively enter into a Heart Rate Control program without quitting your exercise. It will allow you to choose, when you are ready, to change your current workout to a Heart Rate Control. You will need to be wearing the optional wireless chest strap when choosing to use this feature.

The Heart Rate Access feature allows the user to change any program at any time during the selected workout to Heart Rate Control. On screen, you will see the program remaining change to a flat-line as it would look like in a normal Heart Rate Control program. The part of the program that you just did though would remain unchanged.

How to Use Heart Rate Access

While in a program you would press the JustGo™/ENTER key. On screen you would see the message "HEART RATE CONTROL ACTIVATED... TARGET IS XXX BEATS PER MINUTE". Once your Heart Rate has been confirmed, the remainder of the selected workout time would be in the form of a normal Heart Rate Control. If you pressed the button and were not wearing a chest strap, the unit will disregard the button push and continue in the normal selected program. This feature is not available in the RACE, FITNESS TEST, HILL and TARGET WATTS programs (+ HILL programs for Bike 5 series)

1. Override

- In all programs you can make LEVEL or GEAR changes manually.

2. Saving

- You will also be able to save any program at the end (except the ones mentioned above and the TRACK program).

Changing Your Target Heart Rate in a Program

The normal Heart Rate Control program allows you to make Target Heart Rate changes at any-time while in a program by pressing the JustGo™/ENTER key. The difference is now that by pressing the JustGo™/ENTER key, it will bring you into Heart Rate Access; by pressing the JustGo™/ENTER key again, you will be asked to make a new Target Heart Rate change.



4 Using a Heart Rate Receiver

The Bodyguard® Heart Rate receiver supplied with each bicycle is specifically designed to work in conjunction with the optional Heart Rate chest strap. The Heart Rate System allows the computer to monitor your heart rate, or pulses per minute. This value is shown on the computer screen and should only be used as a guide in helping you achieve your personal fitness goals.

If no Heart Rate System is used, a zero (0) heart rate value will be displayed on the computer screen. Before using any heart rate system on any exercise equipment, it is important to consult with a physician prior to commencing any exercise program.

WARNING – Before attempting to use any of this equipment, you should read the instruction manual carefully. Use of this equipment by persons with heart or other medical problems may result in serious injury. You should consult with a physician prior to using this equipment. It is recommended to periodically consult your physician as you continue to use this equipment. Immediately cease exercise if you feel dizzy, faint or short of breath. Use of this equipment in a manner other than as prescribed by these instructions herewith may result in serious injury.

As a guide to effective exercising, to determine your recommended heart rate training zone, find your age on the heart rate chart (refer to page 4) and read the heart rate target zone based on various intensity levels. These levels include fat burning zone, cardiovascular zone and aerobic zone.

TIP – Sometimes you will need to moisten the back of the heart rate chest strap to obtain a signal. Use a few drops of water to moisten the chest strap, then place directly over the skin. The chest strap does not work properly when placed over clothing.



Possible Chest Strap Heart Rate Problems

In order to properly diagnose the chest strap compatibility, please follow the procedures to determine possible problems. All Bodyguard® machines use the Cardiosport heart rate system. The chest strap is an option on all machines and can be purchased from a Bodyguard® Dealer or from Cardiosport. If you are having some problems with the reception, please use the following troubleshooting check list.

Troubleshooting Check List

Table 3

PROBLEM	POSSIBLE CAUSE	SOLUTION
<ul style="list-style-type: none"> No signal. 	<ul style="list-style-type: none"> Dead battery in strap. Electrodes are not wet. Using wrong strap (such as: Polar). 	<ul style="list-style-type: none"> Change battery. Put saliva on electrodes. Use Cardiosport.
<ul style="list-style-type: none"> Weak signal. 	<ul style="list-style-type: none"> Weak battery. Electrodes are not wet enough. Strap is not tight enough. Too much body fat. Chest size too small or too big. Receiver has a problem. 	<ul style="list-style-type: none"> Change battery. Put saliva on electrodes. Put on tighter. No solution. Position strap accordingly. Verify signal in Diagnostics, see Heart Rate Test section.
<ul style="list-style-type: none"> Erratic signal. 	<ul style="list-style-type: none"> Using wrong strap (such as: Polar). Interference with other signals. Electrodes are not wet enough. 	<ul style="list-style-type: none"> Use Cardiosport. Use only the exercise machine to verify. Put saliva on electrodes.

The above table should help properly diagnose the problem. There are also misconceptions that the signal is immediate. The chest strap electrodes need to be moistened in order to send a strong signal. Radio and neon light interferences can also reduce the strength of the signal.

Possible contact heart rate problems.

In order to properly diagnose any problem with the contact heart rate system, please refer to the following procedures. This machine uses a hand ECG (Electrocardiogram) printed circuit board along with wires and a set of metal plates. The hand ECG board is an integral part of the machine and is hidden inside.

Trouble shooting check list

Table 4

PROBLEM	POSSIBLE CAUSE	SOLUTION
<ul style="list-style-type: none">No reading	<ul style="list-style-type: none">Hand have not been enough long in contact with each metal plateDefective hand contact boardWires are not connected properly	<ul style="list-style-type: none">Wait for 7-10 seconds before a readingChange ECG boardVerify Wiring
<ul style="list-style-type: none">Erratic reading	<ul style="list-style-type: none">Hands may move too much on the platesDefective board hand contact boardStrong neon lights too close to consoleInterference with other signals	<ul style="list-style-type: none">Do not move your handsChange boardMove the bikeUse only this machine to verify

5 Computer Diagnostics

Each Organic bicycle offers you the ability to determine the working condition of the various electronic and mechanical components. If after performing the following diagnostic tests you determine that your bike needs to be serviced, please contact your Authorized Bodyguard® Dealer.

NOTICE:

The Organic RSG & VSG are self powered. You simply begin pedaling to operate the equipment, the display only remains activated while you are pedaling. To access into the diagnostic menu, it is important that you continue pedaling.

To determine the condition of the various electrical and mechanical components, you will need to enter into the DIAGNOSTICS menu as follows:

1. Simultaneously hold down the Segment INCREASE and DECREASE keys.
2. Simply begin pedaling (you must pedal at a minimum of 30 RPM during at least 5 seconds) to activate DIAGNOSTIC menu.
3. Release the Segment INCREASE and DECREASE keys once entered into the Diagnostics menu.

When you access the Diagnostics menu, you will notice the following message:

“Organic SG version 1.0”

The message above indicates the version of the computer software installed in your computer display monitor. This information is helpful in diagnosing certain computer related conditions. The version number, in the case above, is 1.0. Keep in mind that the version number may change depending on the model number of your bicycle.

Select “DIAGNOSTICS”, and press the JustGo™/ENTER key to accept. The following diagnostic tests will be displayed:

- WHEEL SENSOR TEST
- KEYPAD TEST or KEYS TEST
- DISPLAY TEST
- SOUND TEST
- NVRAM TEST
- VOLTAGE TEST
- HEART RATE TEST
- EPROM TEST
- STATISTICS
- BRAKE TEST
- BATTERY TEST

Wheel Sensor Test

The wheel sensor test allows you to verify that the wheel sensor circuitry is properly working.

1. In the Diagnostics menu, select the "WHEEL SENSOR TEST" and accept it by pressing the JustGo™/ENTER key.
2. The message "FLYWHEEL SPOKES SENSOR IS FUNCTIONAL" will appear on the display screen. Once you pedal, the display will count up to 50 spokes and then terminate the test, indicating that the speed sensor is working properly. If the computer does not sense the flywheel turning, the display will indicate that no spokes were detected by the speed sensor. You will have to terminate the test. Contact your Authorized Bodyguard® Dealer.
3. To terminate the test, press the PAUSE/STOP or JustGo™/ENTER key.

Keypad Test or Keys Test

The keypad test or keys test allows you to verify that each key is responding when pressed.

1. In the Diagnostics menu, select the "KEYPAD TEST" or "KEYS TEST" and accept it by pressing the JustGo™/ENTER key.
2. Press each key one at a time and verify the response on the screen. As an example, pressing the JustGo™/ENTER key will cause the screen to display "ENTER" indicating that the key press was recognized.
3. To terminate the test, press the PAUSE/STOP and JustGo™/ENTER keys simultaneously.

Display Test

The display test allows you to verify that each display light is properly working. If you notice that one or more areas on the screen do not light up during an exercise, you should perform this test.

1. In the Diagnostics menu, select the "DISPLAY TEST" and accept it by pressing the JustGo™/ENTER key.
2. Now the display will illuminate a certain way. To proceed to the next display patterns, press any key.

Sound Test

The sound test will initiate a sound.

1. In the Diagnostics menu, select the "SOUND TEST" and accept it by pressing the JustGo™/ENTER key.
2. Listen for a series of "beeps". Press any key to terminate the sound test.



NVRAM Test

The NVRAM (Non-Volatile Random Access Memory) test will not erase all stored information such as user identification, and all saved programs. The NVRAM is a computer chip that saves information even when the bicycle has been turned off.

1. In the Diagnostics menu, select the "NVRAM TEST" and accept it by pressing the JustGo™/ENTER key.
2. Press the JustGo™/ENTER key to start the NVRAM test. The NVRAM test will perform automatically.

Heart Rate System Test

The heart rate system test allows you to determine if the optional heart rate system is properly working and that the computer is displaying your heart rate signal during a program.

1. In the Diagnostics menu, select the "HEART RATE TEST" and accept it by pressing the JustGo™/ENTER key.
2. The display will show "HEART RATE" and the number "0" beside it. Attach your heart rate chest strap. You do not need to turn the pedals for this test, but simply stand near the computer or sit on the recumbent seat if you have such a model. Within a few seconds, your actual heart rate signal will be displayed on the screen.
3. Press the PAUSE/STOP key to terminate the test.

EPROM Test

The EPROM test allows you to determine if the program stored in the EPROM chip is intact.

1. In the Diagnostics menu, select the "EPROM TEST" and accept it by pressing the JustGo™/ENTER key.
 - If the EPROM is intact, the display will show "EPROM IS OK CHECKSUM XXXX".
 - If the EPROM is damaged, the display will show "EPROM IS NOT OK".
2. Press the PAUSE/STOP key to terminate the test.

Statistics

The statistics allows you to view different parameters related to the use of your bicycle such as time and distance.

1. In the Diagnostics menu, select the "STATISTICS" option and accept it by pressing the JustGo™/ENTER key.

-
- The *TOTAL DISTANCE* displayed indicates the total distance traveled with the bicycle during exercise programs.
 - The *EXERCISE TIME* displayed indicates the amount of time the bicycle has been used during all exercise programs.
2. Press the PAUSE/STOP key to terminate the test.

Brake Test

The brake test allows you to determine if the braking system is working properly.

1. In the Diagnostics menu, select BRAKE TEST with the INCREASE or DECREASE keys and accept it with the JustGo™/ENTER key.
2. The central informational screen will display the percentage of maximum resistance and the main screen will display a representation of this percentage.
3. Press the PAUSE/STOP key to exit this test.

Battery Test

The battery test allows you to determine if the battery are working properly.

1. In the Diagnostics menu, select BATTERY TEST with the INCREASE or DECREASE keys and accept it with the JustGo™/ENTER key.
2. The central informational screen will display the supply VOLTAGE of the battery. The reading must be voltage 6.00 +/- 0.5.
3. Press the PAUSE/STOP key to exit this test.

Voltage Test

The voltage test allows you to determine if the supply is working properly.

1. In the Diagnostics menu, select VOLTAGE TEST with the INCREASE or DECREASE keys and accept it with the JustGo™/ENTER key.
2. The central informational screen will display the supply VOLTAGE. The reading must be voltage 9.00 +/- 0.5 at 30RPM from the circuitry connected to the alternator.
3. Press the PAUSE/STOP key to exit this test.



6 Maintenance Information

General care

Your exercise bike has been designed and built to give you trouble free use. For maximum safety however, you should periodically check your unit for signs of wear.

Here's a quick check list followed by reference Table 5:

- After each workout, you should wipe down your bike using a mild, non-abrasive liquid cleanser applied on a soft cloth. Do not spray cleansers directly on the unit or use an excessively damp cloth.
- Keep liquids including excessive sweat away from the computer console.
- Be sure that the bike is on a level surface and that it is not rocking.
- The surface of the pedals and handle bars should be kept clean. Dirt and other debris can cause slipping when exercising.
- It is recommended to periodically remove any dust that may have accumulated under the bicycle.
- Check that the upper frame and the rear handle bar are secure on the frame.
- Verify that there is no play between the crank arm and the pedal axle.

If you experience a problem during the normal operation of the Organic bike, use the troubleshooting Table 4. Initiate the DIAGNOSTIC tests to insure the proper functioning of your unit before you contact your Authorized Bodyguard® Dealer.

If you are unfamiliar or uncertain with basic diagnostic maintenance procedures, contact your Authorized Bodyguard® Dealer for diagnostics or repair of your Organic bicycle.

Quick Troubleshooting Check List

Table 5

PROBLEM	POSSIBLE CAUSE/SOLUTION
<ul style="list-style-type: none"> No power. 	<ul style="list-style-type: none"> Check the battery supply voltage too low- Replace 6-volts battery harness not connected- Disconnect and reconnect harness Low RPM - Pedal at 30 RPM min for at least 5 seconds Speed sensor cable not connected - connect this cable
<ul style="list-style-type: none"> Crank arms are loose. 	<ul style="list-style-type: none"> Tighten the bolts holding the crank arms with a 1/2" socket. Make sure that there is no play but do not over tighten, you may break the bolts.
<ul style="list-style-type: none"> Upper frame is loose. 	<ul style="list-style-type: none"> Tighten the six screws holding the upper frame to the base frame with the provided Allen key.
<ul style="list-style-type: none"> No resistance on pedals, but computer lights up. 	<ul style="list-style-type: none"> Speed sensor out of alignment – realign or replace if necessary. The distance between the magnets on the wheel and the speed sensor coil must be 3 mm or 1/8" maximum.
<ul style="list-style-type: none"> Computer key(s) not responding to touch. 	<ul style="list-style-type: none"> Keys may have been damaged from liquids penetrating behind seal – replace computer display. Excessive amount of cleaning solution used. Use mild cleanser on damp cloth only when cleaning computer console and unit.

For any further information regarding service issues please contact your Authorized Bodyguard® Dealer.



Thank You for Purchasing a Bodyguard® Bicycle

Bodyguard® Fitness is dedicated to designing and manufacturing the finest fitness equipment available today.

This manual outlines information on warranty, assembly, operation of the unit, safety and basic maintenance checks for the Bodyguard® bicycles.

When you require service for your bicycle, always present the unit product model, serial number and date of purchase to the Bodyguard® Dealer. The product model and serial numbers are located at the rear frame of the machine. Now is a good time to write the product model and serial numbers and related information in the space provided below.

Product Name	
Model Number	
Serial Number	
Date Purchased	
Dealer Store Name	
Dealer Phone Number	

Please fill out the warranty registration card and return it to Bodyguard® Fitness Corporation within 30 days of date of purchase for registration of your bicycle warranty. Your returned warranty registration card is important in helping us keep you up-to-date with all the latest bicycle product additions. Also, the warranty card is used to establish the actual sale date. Please be advised that no warranty card at Bodyguard® will mean that the warranty starts from the sale to the dealer and not the end user.

Safety Requirements

North America

The Organic bikes meet all ELT requirements concerning electrical and mechanical safety. In addition, the bicycles are conform to UL 1647 and CSA C22.2 No. 68 standards.

International

The Organic bikes meet all applicable IEC directives concerning electrical and mechanical safety.

Interference

North America

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

International

This device is a class A device. In a residential environment, this machine may cause electromagnetic interference. In this case, it could be asked to take appropriate measures.