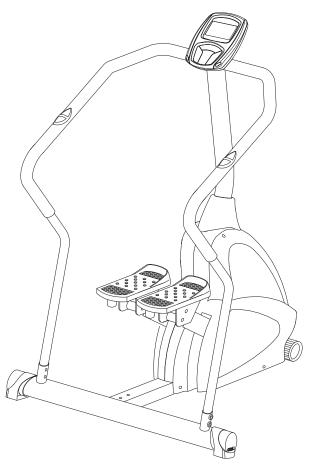


Programmable Stepper

Owner's Manual



Product May Vary Slightly From Pictured.

CAUTION:

Weight on this product should not exceed 300 lbs.

M WARNING

Exercise can present a health risk. Consult a physician before beginning any exercise program with this equipment. If you feel faint or dizzy, immediately discontinue use of this equipment. Serious bodily injury can occur if this equipment is not assembled and used correctly. Serious bodily injury can also occur if all instructions are not followed. Keep others and pets away from equipment when in use. Always make sure all bolts and nuts are securely tightened prior to each use. Follow all safety instructions in this manual.

When calling for parts or service, please specify the following number:

Model#: A400-300

This Product is Distributed Exclusively by



2040 N. Alliance, Springfield, MO 65803 Customer Care 1 (800) 375-7520 www.staminaproducts.com STAMINA PRODUCTS
MADE IN TAIWAN

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SAFETY INSTRUCTIONS

↑ WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

A WARNING Consult your physician before starting this or any exercise program. This is especially important if you are over the age of 35, have never exercised before, are pregnant, or suffer from any health problem. This product is for home use only. Do not use in institutional or commercial applications. Failure to follow all warnings and instructions could result in serious injury or death.

! WARNING To reduce the risk of serious injury, read the following Safety Instructions before using the AVARI® Programmable Stepper.

- 1. Save these instructions and ensure that other exercisers read this manual prior to using the **AVARI® Programmable Stepper** for the first time.
- 2. Read all warnings and cautions posted on the AVARI® Programmable Stepper.
- 3. The AVARI® Programmable Stepper should only be used after a thorough review of the Owner's Manual. Make sure that it is properly assembled and tightened before use.
- 4. We recommend that two people be available for assembly of this product.
- 5. Keep children away from the AVARI® Programmable Stepper. Do not allow children to use or play on the AVARI® Programmable Stepper. Keep children and pets away from the AVARI® **Programmable Stepper** when it is in use.
- 6. It is recommended that you place this exercise equipment on an equipment mat.
- 7. Set up and operate the AVARI® Programmable Stepper on a solid level surface. Do not position the AVARI® Programmable Stepper on loose rugs or uneven surfaces.
- 8. Make sure that adequate space is available for access to and around the AVARI® Programmable Stepper.
- 9. Adjust the Leveling Caps(50) on the Rear Stabilizer(3) so that the stepper sits on the floor without rockina.
- 10. Before using, inspect the AVARI® Programmable Stepper for worn or loose components, and securely tighten or replace any worn or loose components prior to use.
- 11. Consult a physician prior to commencing an exercise program and follow his/her recommendations in developing your fitness program. If at any time during exercise you feel faint, dizzy, or experience pain, stop and consult your physician.
- 12. Always choose the workout which best fits your physical strength and flexibility level. Know your limits and train within them. Always use common sense when exercising.
- 13. Do not wear loose or dangling clothing while using the AVARI® Programmable Stepper.
- 14. Never exercise in bare feet or socks; always wear proper footwear such as running, walking, or cross training shoes that fit well, provide foot support, and feature non-skid rubber soles.
- 15. Be careful to maintain your balance while using, mounting, dismounting, or assembling the AVARI® Programmable Stepper, loss of balance may result in a fall and bodily injury.
- 16. The AVARI® Programmable Stepper should not be used by persons weighing over 300 pounds.
- 17. The AVARI® Programmable Stepper should be used by only one person at a time.
- 18. The AVARI® Programmable Stepper is for consumer use only. It is not for use in public or semipublic facilities.

EXTEND YOUR PARTS WARRANTY TO 180 DAYS FROM THE DATE OF PURCHASE. REGISTER YOUR PRODUCT.



NEED HELP? CONTACT US FIRST 1 (800) 375-7520

customer.care@staminaproducts.com

Hi! From all of us here at Stamina Products, thank you for your purchase. We know that you have big fitness goals in mind and we are here to help you along. Call us, email us, or send us a message on Facebook. Be sure to contact us if you have any questions on your new product. We look forward to hearing from you!

With your body in mind, **Stamina Customer Care**

To enact your extended warranty and to help us better serve you, please **go online** and register your new product.

register.staminaproducts.com

It is quick and easy to register online, but if you're a little old school or just need a reason to raise that little flag on your mailbox, fill out the info on the last page of this manual and mail it in.



customer.care@staminaproducts.com www.staminaproducts.com



TELEPHONE 1 (800) 375-7520



FAX (417) 889-8064



MAIL
Stamina Products, Inc.
ATTN: Customer Care
P.O. Box 1071
Springfield, MO 65801-1071

BEFORE YOU BEGIN

Thank you for choosing the AVARI® Programmable Stepper. We take great pride in producing this quality product and hope it will provide many hours of quality exercise to make you feel better, look better, and enjoy life to its fullest.

It's a proven fact that a regular exercise program can improve your physical and mental health. Too often, our busy lifestyles limit our time and opportunity to exercise. The **AVARI® Programmable Stepper** provides a convenient and simple method to begin your journey of getting your body in shape and achieving a happier and healthier lifestyle.

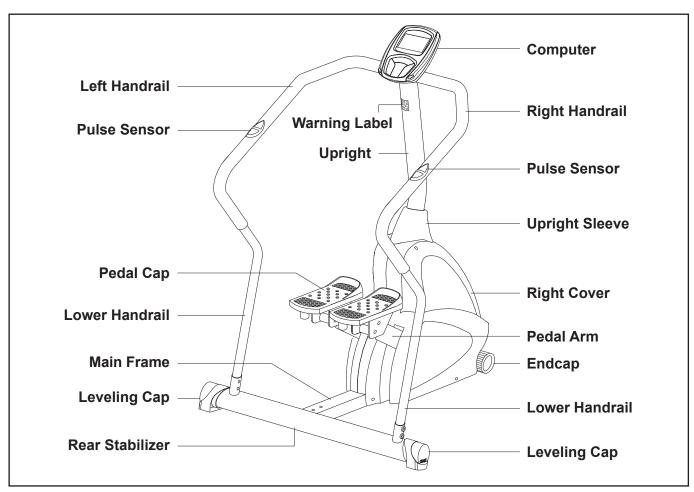
Before reading further, please review the drawing below and familiarize yourself with the parts that are labeled.

Read this manual carefully before using the AVARI® Programmable Stepper.

Although Stamina constructs its products with the finest materials and uses the highest standards of manufacturing and quality control, there can sometimes be missing parts or incorrectly sized parts. If you have any questions or problems with the parts included with your AVARI® Programmable Stepper, please do not return the product. Contact us FIRST!

If a part is missing or defective, please go to staminaproducts.com under the Customer Care section and order the part needed, or call us toll free at 1-800-375-7520 (in the U.S.). Our Customer Care Staff is available to assist you from 7:30 A.M. to 5:00 P.M. (Central Time) Monday through Thursday and 8:00 A.M. to 3:00 P.M. (Central Time) on Friday.

Be sure to have the name and model number of the product available when you contact us.



THE FOLLOWING TOOLS ARE INCLUDED FOR ASSEMBLY:



EQUIPMENT WARNING, CAUTION & NOTICE LABELS

This chart is provided to help identify the warning, caution, and notice labels on the **AVARI® Programmable Stepper.** Please take a moment to familiarize yourself with all of the warning, caution, and notice labels.

Label is larger than actual size

C1 WARNING LABEL(87)

AWARNING

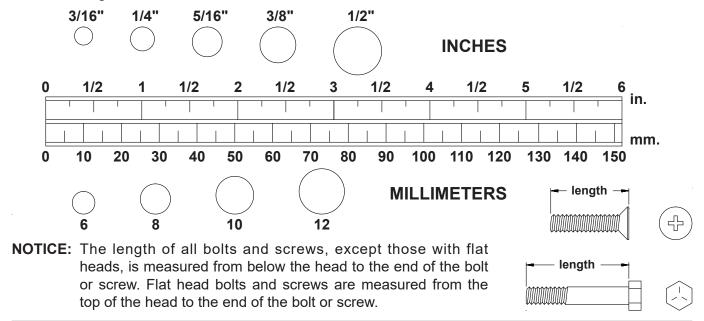
For consumer use only. Failure to follow all warnings and instructions could result in serious injury or death. Before assembling or using this product, read and follow the Owner's Manual and all other warnings and instructions that accompany this product. Replace this warning label if damaged, illegible, or removed.

Keep others including children & pets away from equipment when in use.

Consult your physician before starting this or any exercise program. This is especially important if you are over the age of 35 or have any pre-existing health condition. Always make sure all nuts and bolts are securely tightened before using this product. This product should not be used by persons weighing more than 250 lbs. unless otherwise stated in your Owner's Manual.

HARDWARE IDENTIFICATION CHART

This chart is provided to help identify the hardware used in the assembly process. Place the washers or the ends of the bolts or screws on the circles to check for the correct diameter. Use the small scale to check the length of the bolts and screws.



After unpacking the unit, open the hardware bag and make sure that you have all the following items. Some hardware may be already attached to the part.

Part Number and Description		Qty
49	Bolt, Hex Head (M8 x 1.25 x 12mm)	8
55	Barrel Nut (M6 x 1)	8
56	Bolt, Socket Head (M6 x 1 x 16mm)	8
24	Screw, Flat Head (M5 x 0.8 x 12mm)	2
69	Screw, Round Head (M5 x 0.8 x 12mm)	4
81	Screw, Round Head (M4 x 0.6 x 12mm)	2
48	Washer (M8)	8

Place all parts from the box in a cleared area and position them on the floor in front of you. Remove all packing materials from your area and place them back into the box. Do not dispose of the packing materials until assembly is completed. Read each step carefully before beginning. If you are missing a part, please go to staminaproducts.com under the Customer Care section and order the part needed, e-mail us at customer.care@staminaproducts.com, or call us toll free at 1-800-375-7520 (in the U.S.). Our Customer Care Staff is available to assist you from 7:30 A.M. to 5:00 P.M. (Central Time) Monday through Thursday and 8:00 A.M. to 3:00 P.M. (Central Time) on Friday.

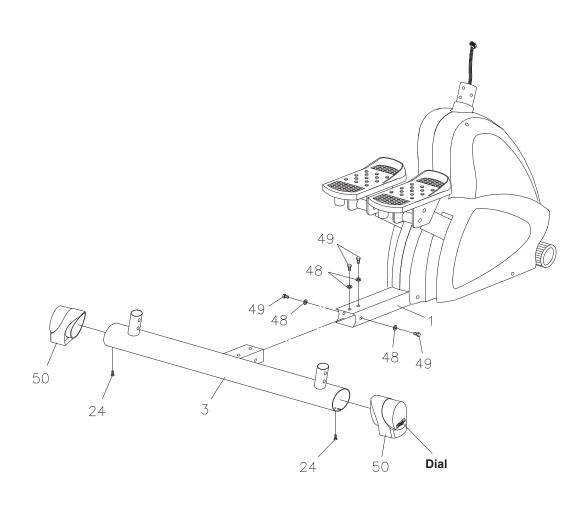
STEP 1

Press the LEVELING CAPS(50) onto both sides of the REAR STABILIZER(3) and secure with FLAT HEAD SCREWS(M5x0.8x12mm)(24).

STEP 2

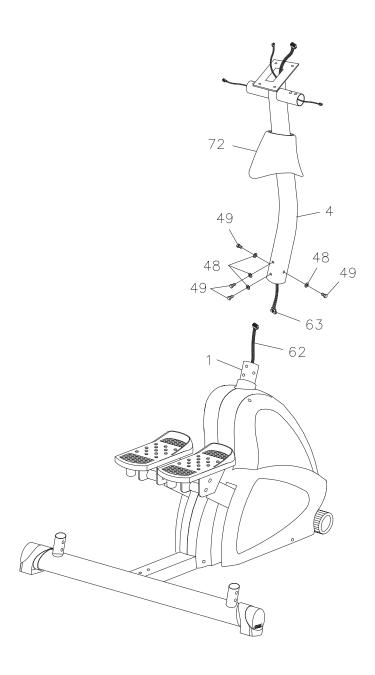
Attach the REAR STABILIZER(3) to the MAIN FRAME(1) with HEX HEAD BOLTS(M8x1.25x12mm)(49) and WASHERS(M8)(48).

NOTE: You can turn the dials in the LEVELING CAPS(50) which are attached to the REAR STABILIZER(3) to keep the AVARI® Programmable Stepper stable.



STEP 3

Slide the UPRIGHT SLEEVE(72) over the UPRIGHT(4). Connect the EXTENSION CONTROL WIRE(63) to the CONTROL WIRE(62). Insert the UPRIGHT(4) into the MAIN FRAME(1) and secure with HEX HEAD BOLTS(M8x1.25x12mm)(49) and WASHERS(M8)(48). Slide down the UPRIGHT SLEEVE(72) to cover the bolt heads.



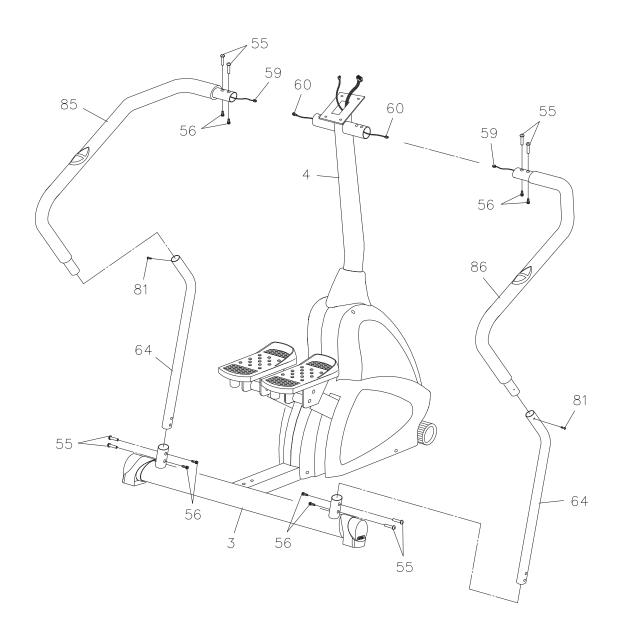
STEP 4

Insert the LOWER HANDRAIL(64) into the REAR STABILIZER(3). Plug the PULSE SENSOR WIRE(59) into the PULSE CONNECTING WIRE(60), then insert the RIGHT HANDRAIL(86) into the UPRIGHT(4). Insert the RIGHT HANDRAIL(86) into the top end of LOWER HANDRAIL(64).

STEP 5

Secure the RIGHT HANDRAIL(86) to the UPRIGHT(4) with the BARREL NUTS(M6x1)(55) and SOCKET HEAD BOLTS(M6x1x16mm)(56). Do not tighten the bolts. Secure the RIGHT HANDRAIL(86) to the LOWER HANDRAIL(64) with ROUND HEAD SCREW(M4x0.6x12mm)(81). Secure the LOWER HANDRAIL(64) to the REAR STABILIZER(3) with the BARREL NUTS(M6x1)(55) and SOCKET HEAD BOLTS(M6x1x16mm)(56). Tighten all of the bolts.

Repeat Steps 4 and 5 to attach the LEFT HANDRAIL(85) to the unit.



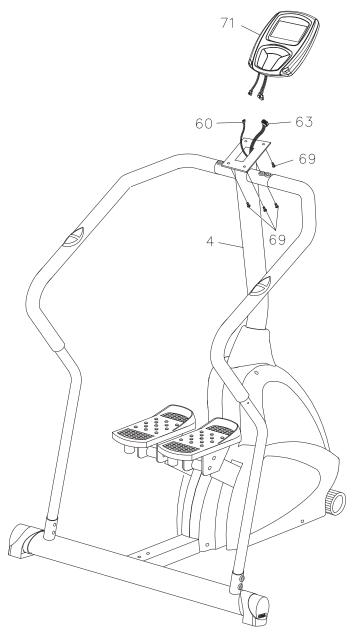
STEP 6

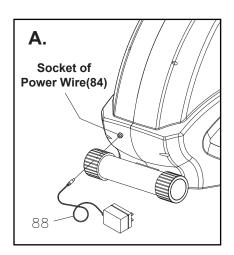
Plug the EXTENSION CONTROL WIRE(63) and PULSE CONNECTING WIRE(60) into the COMPUTER(71), and push the excess wires back into the UPRIGHT(4). Attach the COMPUTER(71) to the plate on the UPRIGHT(4) with ROUND HEAD SCREWS(M5x0.8x12mm)(69).

NOTE: Be careful not to damage the wires when attaching the COMPUTER(71) to the UPRIGHT(4).

STEP 7

Refer to illustration A. Plug the **ADAPTER(88)** into the **SOCKET** of the **POWER WIRE(84)** located on the front of the unit. Plug the **ADAPTER(88)** into an electrical outlet.



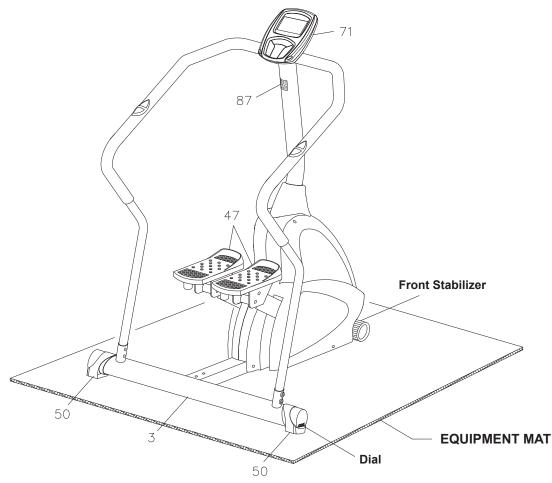


SET UP INSTRUCTIONS

Place the AVARI® Programmable Stepper in the area where it will be used. It is recommended that the AVARI® Programmable Stepper be placed on an equipment mat. The operation dimensions of the AVARI® Programmable Stepper are approximately 38.8 inches long x 39 inches wide x 59 inches tall. (These dimensions may vary up to one inch.) Make sure that adequate space is available for access to passage around and emergency dismount from the AVARI® Programmable Stepper. A minimum of 20 inches on at least one side and 20 inches either behind or in front of the AVARI® Programmable Stepper is required for safe operation.

LEVELING: Turn the dials in the **LEVELING CAPS(50)** which are attached to the **REAR STABILIZER(3)** so that the **AVARI® Programmable Stepper** sits on the floor without rocking.

MOVING: The AVARI® Programmable Stepper has a pair of WHEELS(31) on the front stabilizer of the MAIN FRAME(1). Lift up the REAR STABILIZER(3) to move the AVARI® Programmable Stepper.

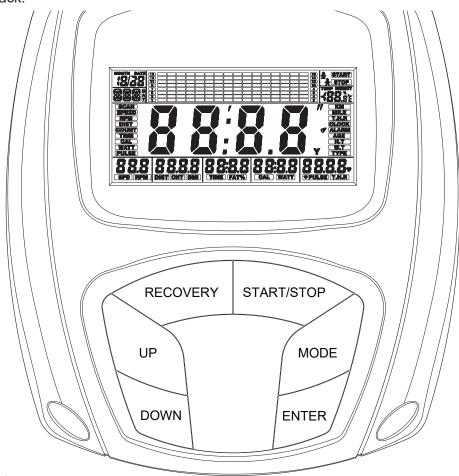


FUNCTION INSPECTION:

Visually inspect the AVARI® Programmable Stepper to verify that assembly is as shown in the above illustration. Check the function of the AVARI® Programmable Stepper by stepping on the PEDAL CAPS(47) slowly move through one complete cycle to verify that the drive train functions properly. Use the UP, DOWN, and ENTER buttons on the COMPUTER(71) to select a program and verify that the Magnetic System provides different tensions. Refer to the COMPUTER INSTRUCTIONS on pages 12 to 21.

CAUTION: Locate and read the **WARNING LABEL(87)** on the **AVARI® Programmable Stepper.** Make sure that all users read the **WARNING LABEL(87)** before using the product.

Your **AVARI® Programmable Stepper** utilizes a magnetic braking system to create resistance for your workout. You control the amount and pattern of this resistance by means of the advanced computer console mounted at the center of the Handrails. We recommend that you use this computer console to vary your workout from session to session and note your progress toward your fitness goals. When used regularly in this way, the computer console can become an important source of motivation and interest which will help keep you on track.



FUNCTION BUTTONS:

MODE: Press and release to select each function for display on Main Screen, including RPM, COUNT, TIME, CALORIES, WATT, and PULSE.

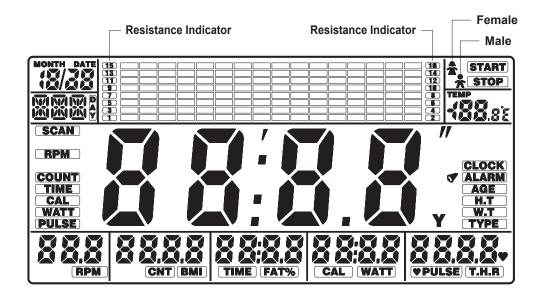
ENTER: Press to confirm the selected programs and the values of the setting mode.
Press and release to select each function for display on Main Screen during running a program, including RPM, COUNT, TIME, CALORIES, WATT, and PULSE.
Press the button and hold it down for two seconds to reset all functions to zero and skip to setting mode.

START/STOP: Press to start the selected program. Press the **START/STOP** button to stop the program. You can press the **START/STOP** button again to continue to run the current program, or use **UP** and **DOWN** buttons to select a new program.

UP: Press to select programs. Press to increase the values of the setting mode. Press to increase the level of the workload when running a program.

DOWN: Press to select programs. Press to decrease the values of the setting mode. Press to decrease the level of the workload when running a program.

RECOVERY: To activate the pulse recovery function after training, you have to input your personal data in advance for correct readout.



LCD DISPLAY INSTRUCTIONS

START

Indicates the program selected has started.

STOP

Indicates the program selected has stopped. You must be in the **STOP** mode to setup the programs.

RESISTANCE INDICATOR:

Displays resistance level of the current interval of program, from 1 to 16.



Indicates the gender (Male or Female) selected for the Body Fat program.



Displays the current environment temperature.



Displays the date information.



Displays the rate of strides per minute, from zero to 9999.



Displays flashing "0" for presetting the number of strides you want to take during setup, from 10 to 9990, and counts down from the preset value.

If no value is preset, displays the total number of strides you have taken during exercise, from zero up to 9999 strides.

Displays the BMI in Body Fat program. (BMI is Body Mass Index. See page 18.)



Displays flashing "0:00" for presetting the program time during setup, from 1:00 to 99:00, and counts down from the preset value.

If no value is preset, displays the time during exercise, from 1 second up to 99:59 minutes. Displays the value of FAT% after you run the Body Fat program, from 5% to 50%.



Displays flashing "0:0" for presetting the calories consumption during setup, from 0 to 9990 cal, and counts down from the preset value.

If no value is preset, displays the calorie consumption, from zero to 9999 cal. Or displays WATT, from 0 to 999.9 watt. Press **MODE** button to select the display of CAL or WATT. **NOTE:** The calorie and watt readouts are an estimate for an average user. It should be used only as a comparison between workouts on this unit.

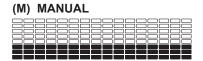


Displays flashing "120" for presetting the TARGET H.R. during setup, from 60 to 220. Displays the pulse rate, from 39 to 240 beats per minute during exercise.

NOTE: You must place both of your hands on the Pulse Sensors on the Handrails to input the pulse signal. Each pulse rate signal will be accompanied with one "♥" symbol flash. If you do not place your hands correctly and 8 seconds passes without a pulse input, the computer will turn off the pulse circuit. Place your hands back on the Pulse Sensors correctly, the pulse readout will appear again.

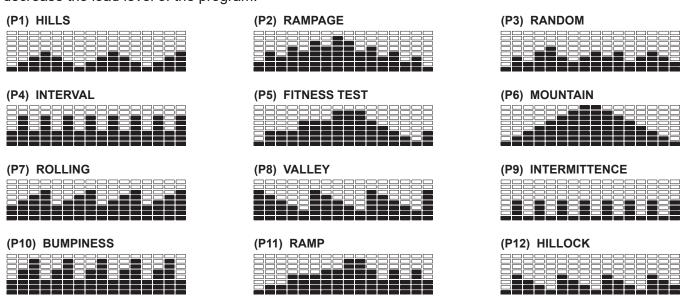
PROGRAM DESCRIPTIONS

This computer contains 20 different programs. You can preset the program time and the computer will divide the time into 16 intervals. If you do not set the program time in advance, the computer will use 1 minute for each interval of the program.



MANUAL PROGRAM: Program "M" is a manual program allowing the user to have full manual control of the workload. Use the **UP** button to increase the load. Use the **DOWN** button to decrease the load.

PRESET PROGRAMS: P1 to P12 are preset automatic programs. The profiles are shown on the face of the computer. Use the **UP** button to increase the load level of the program. Use the **DOWN** button to decrease the load level of the program.

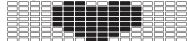


(FAT) BODY FAT (P13)

BODY FAT MEASUREMENT: Program "FAT" is a special program designed to measurement your body fat ratio. You must Input your gender, age, height, and weight for correct readout.

HEART RATE CONTROL PROGRAMS: P14 and P15 are preset automatic heart programs. You must always hold the Pulse Pensors on the Handrails with both hands when using the heart programs.

Target Heart Rate (P14)



Target Heart Rate Program: This program allows you to input the TARGET H.R. you desire, from 60 to 220.

Heart Rate Control Program (P15)



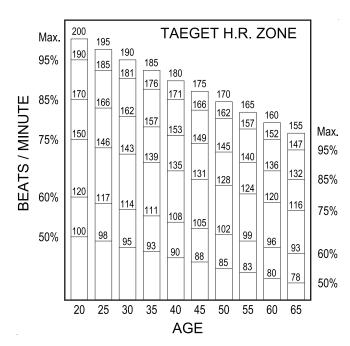
Heart Rate Control Program: You must input your age for determining your Maximum Heart Rate. Then the program allows you to input the percentage of your Maximum Heart Rate you desire, from 50% to 95%. The computer will calculate the Target Heart Rate for the workout based on the age and percentage of Maximum Heart Rate that you input.

The program will monitor your pulse and adjust the workload automatically to keep your pulse within the zone which is plus & minus 5 Heart Beats from the target heart rate based on the program that you selected.

For example:

If your age is 30: The maximum heart rate is 190. If you select the Heart Rate Control Program (P15) and preset 60% of maximum heart rate: $190 \times .60=114$. Heart rate zone: plus & minus 5 of 114 is 109 to 119. The program will monitor your pulse and adjust the workload automatically to keep your pulse within the heart rate zone (109 to 119) during your workout.

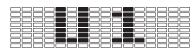
NOTE: For cardiorespiratory training benefits, the American College of Sports Medicine recommends working out within a heart rate range of 55% to 90% of maximum heart rate.



USER SETTING PROGRAMS: U1 to U4 are the automatic programs that allow the user to manually preset each of the 16 intervals. Under **STOP** mode, use **UP, DOWN,** and **ENTER** buttons to edit the program profile. The program profile will be stored in the memory after setup. You can modify the profile anytime under the **STOP** mode. **NOTE:** The changes can be stored only under STOP mode.

When running a program, you still can use the **UP** button to increase the load level of the program. Use the **DOWN** button to decrease the load level of the program. These changes will not be stored in memory.

(U1, U2, U3, U4)



PROGRAM U1 (P16) PROGRAM U2 (P17) PROGRAM U3 (P18) PROGRAM U4 (P19)

NOTE: Display U1 to U4 for Program 16 to 19.

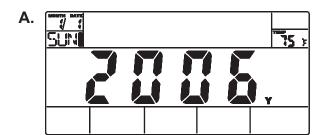
COMPUTER OPERATION DESCRIPTIONS

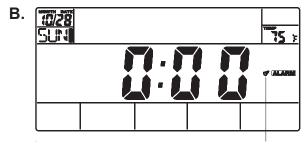
DATE / CLOCK SET UP (Only can be done right after the unit is powered on by the ADAPTER(95)). The computer uses the ADAPTER(95) as a power source. The date and clock must be reset anytime when you plug the ADAPTER(95) into an electrical outlet to power on the AVARI® Programmable Stepper.

- 1. Date/Clock Setting: Once power is on, the computer will then display all items on the screen and a "beep" will sound for two seconds. The Date/Clock setting display will be blinking as shown in illustration A. Use UP, DOWN, and ENTER buttons to set the date and clock.
- 2. Alarm Setting: Right after setting the Clock, the computer displays flashing "ALARM" for presetting the time for the alarm function. You can press ENTER button to pass the setting, or press UP or DOWN button until the "T" symbol appears. Then press ENTER button and use UP, DOWN, and ENTER buttons to set the time for alarm. The "T" symbol will always stay on the LCD display after setting up the alarm time. Refer to illustration 2. Once the alarm is ringing, press any button to stop it.

NOTE:

- 1. After power is on and in the Date/Clock setting mode, the computer will skip to program setting mode automatically after 20 seconds of inactivity. Or, you can press the **ENTER** button and hold it down for two seconds to skip to program setting mode directly.
- 2. Under **STOP** mode, press the **MODE** button then press **RECOVERY** button and hold them down together for two seconds, then the computer will skip to the Date/Clock setting mode. You can change the Date/Clock, and reset or cancel the alarm setting. To cancel the alarm setting, press **UP** or **DOWN** button until the "**③**" symbol disappear, then press **ENTER** button.





The "♥" symbol must appear.

PROGRAM OPERATION INSTRUCTIONS

The advanced computer with diversified programs allows you to control the following features:

Workout Time (Except in Body Fat Program, P13)
 Distance (Except in Body Fat Program, P13)

Heart Rate Control (Program 14 to 15)
Body Fat (Body Fat Program, P13)

Select the program that you desire and set the function values to adjust your workout. The different categories of programs operate in different ways but, the computer will guide you step by step to setup the program easily. Refer to the following list to learn what you may change in the programs.

CATEGORY	PROGRAM	VARIABLES
Manual Program	Program M	Count, Time, Calories, Target H.R.
Preset Program	P1 ~ P12	Count, Time, Calories, Target H.R.
Body Fat Program	P13	Gender, Age, Height, Weight
Target Heart Rate Program	P14	Count, Time, Calories, Target H.R.
Heart Rate Control Program	P15	Count, Time, Calories, Age, Percentage*
User Setting Program	U1 ~ U4	Count, Time, Calories, Target H.R., 16 Intervals

^{*} Desired percentage of your Maximum Heart Rate.

OPERATION INSTRUCTIONS

A. MANUAL AND PRESET PROGRAMS (Program M and P1 to P12)

STEP 1: POWER ON

Pedaling or press any button.

STEP 2: SELECT PROGRAM

The program "M" (Manual Program) is always displayed first when you power on the computer. Press the **ENTER** button to select the Manual Program and the computer will skip to setting mode for presetting the function values. Or, you may press the **UP** and **DOWN** buttons to select other programs.

NOTE: After using the **UP** and **DOWN** buttons to select the desired program, you can press the **START/ STOP** button to run the program directly without presetting any function values.

STEP 3: SET THE PROGRAM TIME, COUNT, CALORIES, and TARGET HEART RATE

After pressing the **ENTER** button to select the desired program. The computer will go through the input items as follows and allow you to set the function values. Use **UP**, **DOWN** and **ENTER** buttons to input the values. Or press the **ENTER** button to pass some of the inputs.

Count (10 to 9990 Strides) → Time (1:00 to 99:00) → Calories (10 to 9990 cal) → Target H.R. (60 to 220)

NOTE: When the TARGET H.R. is preset, if your pulse is equal to or greater than the TARGET H.R. during workout, the value of PULSE will keep flashing. Please note that this is a warning for you to slow down or lower the Level of resistance.

STEP 4: START TO WORKOUT

Now you are ready to begin exercising. The program will not start until you press the **START/STOP** button.

B. BODY FAT MEASUREMENT (Program "FAT")

STEP 1: POWER ON

Pedaling or press any button.

STEP 2: SELECT PROGRAM

Press **UP** and **DOWN** buttons until the program "FAT" is displayed.

STEP 3: SELECT GENDER AND INPUT YOUR AGE, HEIGHT, AND WEIGHT

Press the **ENTER** button, the **GENDER** mode will appear with the display flashing "*. Use **UP** and **DOWN** buttons to select. Press the **ENTER** button and use **UP** and **DOWN** buttons to set the values of your **AGE**, **HEIGHT**, and **WEIGHT**. After you input your weight and press the **ENTER** button, the display will look as illustration C and will be ready to measure your body fat.

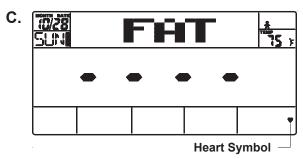
STEP 4: CALCULATE YOUR BODY FAT

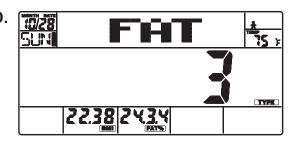
NOTE: You must place both of your hands on the Pulse Sensors on the Handrails to input the pulse signal.

Make sure the heart symbol "♥" is flashing that means the computer received your pulse signal.

Press the START/STOP button and hold the Pulse Sensors on the Handrails with both hands. A few seconds later, the computer will show the information for BODY TYPE, FAT%, and BMI, refer to illustration D. Press UP and DOWN buttons to exit the display.

- **NOTE:** 1. Once you have the correct personal data in the computer you can simply press the **START/ STOP** button and hold the Pulse Sensors on the Handrails with both hands to do the body fat measurement when you select the "**FAT**" program.
 - 2. If you do not hold the Pulse Sensors properly or your hands are too dry or if no signal is available, an error code **E** will be displayed. Moisten your hands if necessary, then press the **START/STOP** button and do the body fat measurement again.
 - 3. The values calculated or measured are for average people and they are for exercise purposes. They are not for medical purposes.





UNDERSTANDING THE READOUT INFORMATION

1. BMI (BODY MASS INDEX)

Body Mass Index is a height/weight formula used by health and weight professionals around the world to assess a person's body weight. From your body mass index number you can see if you are underweight, normal weight, overweight or obese.

BMI conclusions vary slightly according to gender. Here is a general summary of weight-status based on BMI.

Underweight	Under 20 (19 for women)
Normal Weight	Between 20 and 24.99
Overweight	Between 25 and 29.99
Obese Class 1	Between 30 and 34.99
Obese Class 2	Between 35 and 39.99
Extreme Obesity	40 and above

UNDERSTANDING THE READOUT INFORMATION (Continue)

2. BODY FAT %

Your body fat percentage is simply the percentage of fat your body contains. If you are 150 pounds and 10% fat, it means that your body consists of 15 pounds fat and 135 pounds lean body mass (bone, muscle,

organ tissue, blood and everything else).

A certain amount of fat is essential to bodily functions. Fat regulates body temperature, cushions and insulates organs and tissues and is the main form of the body's energy storage. The table describes body fat ranges and their associated categories.

General Body Fat Percentage Categories					
Classification Women (fat %) Men (fat %)					
Essential Fat	10 - 12%	2 - 4%			
Athletes	14 - 20%	6 - 13%			
Fitness	21 - 24%	14 - 17%			
Acceptable	25 - 31%	18 - 25%			
Obese	32% plus	25% plus			

3. BODY TYPE

There are 5 BODY TYPES divided according to the FAT % calculated.

Body Type 1: Ultra Slim Type (Body Fat $5\% \sim 9\%$) Body Type 2: Slim Type (Body Fat $10\% \sim 19\%$) Body Type 3: Ideal Healthy Type (Body Fat $20\% \sim 29\%$) Body Type 4: Fat Type (Body Fat $30\% \sim 39\%$) Body Type 5: Ultra Body Fat Type (Body Fat $40\% \sim 50\%$)

When you know which body type you are and diet and exercise correctly for that type, you will make much better progress.

C. HEART RATE CONTROL PROGRAMS (P14 to P15)

STEP 1: POWER ON

Pedaling or press any button.

STEP 2: SELECT PROGRAM

Press **UP** and **DOWN** buttons until the desired program is displayed.

STEP 3: SET THE PROGRAM TIME, COUNT, CALORIES, and TARGET HEART RATE

After press the **ENTER** button to select the desired program. The computer will go through the input items as follows and allow you to set the function values. Use **UP, DOWN,** and **ENTER** buttons to input the values. Or press the **ENTER** button to pass some of the inputs. When you select the TARGET H.R. Program, input the function value as following:

Count (0 to 9990 Strides) → Time (1:00 to 99:00) → Calories (10 to 9990 cal) → Target H.R. (60 to 220)

When you select the Heart Rate Control Program, input the function value as following:

Count (10 to 9990 Strides) → Time (1:00 to 99:00) → Calories (10 to 9990 cal) → Age (10 to 99)

→ Percentage (50% to 95%)*

STEP 4: START TO WORKOUT

Press the **START/STOP** button to start to workout. Always hold the Pulse Sensors on the Handrails with both hands.

^{*} The computer will calculate the Target Heart Rate for the workout based on the age and percentage of Maximum Heart Rate that you input.

D. USER SETTING PROGRAMS (U1 to U4)

STEP 1: POWER ON

Pedaling or press any button.

STEP 2: SELECT PROGRAM

Press **UP** and **DOWN** buttons until the desired program is displayed.

STEP 3: SET THE PROGRAM TIME, COUNT, CALORIES, and TARGET HEART RATE

After press the **ENTER** button to select the desired program. The computer will go through the input items as follows and allow you to set the function values. Use **UP**, **DOWN** and **ENTER** buttons to input the values. Or press the **ENTER** button to pass some of the inputs.

Count (10 to 9990 Strides) → Time (1:00 to 99:00) → Calories (10 to 9990 cal) → Target H.R. (60 to 220)

NOTE: When the TARGET H.R. is preset, if your pulse is equal to or greater than the TARGET H.R. during workout, the value of PULSE will keep flashing. Please note that this is a warning for you to slow down or lower the Level of resistance.

STEP 4: EDIT THE PROGRAM PROFILE

Press the **ENTER** button, interval 1 will begin flashing. Use **UP** and **DOWN** buttons to set the load for interval 1. Press the **ENTER** button to proceed to the next interval. Use **UP** and **DOWN** buttons to set the load for each interval.

STEP 5: START TO WORKOUT

Now you are ready to begin exercising. The program will not start until you press the **START/STOP** button.

OPERATION DESCRIPTIONS

- 1. You may preset values for several functions. The preset function values will start to count down once you press the START/STOP button to start exercising. Preset values will only count down, they will not count up. When you complete one of the preset functions, the computer will remind you with an audible alarm for ten seconds and stops running the program. Press any button to stop the audible alarm. Two possible options follow: Option A: press the START/STOP button to continue to run the current program. The value of this completed function will start to count up, while the other preset functions will continue to count down until you reach the next preset function. Option B: press UP and DOWN buttons to select a new program.
- 2. To stop a running program, press the **START/STOP** button. In this mode, you can press the **START/STOP** button again to continue to run the current program. Or, you can use **UP** and **DOWN** buttons to select a new program.
- 3. If you want to restart with a new program, press and hold the **ENTER** button down for two seconds to reset all of the function values to zero. Use **UP** and **DOWN** buttons to select a new program.
- 4. The computer will shut off automatically after 4 minutes of inactivity and all function values will be reset to zero.

E. PULSE RECOVERY FUNCTION

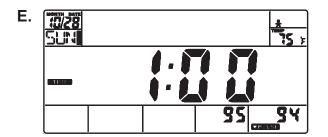
The **PULSE RECOVERY** function measures how quickly you return to a resting heart rate after exercising. You can use this function to measure improvement as you get into shape. The computer will monitor your heart rate for 60 seconds and calculate a Pulse Recovery value from F1 to F6.

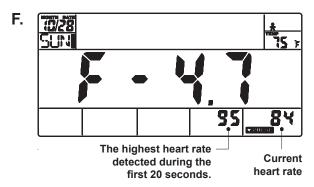
F1.0 = Excellent F2.0 = Good F3.0 = Fair F4.0 = Below Average F5.0 = Not Good F6.0 = Poor

The readout should only be used as a comparison between workouts. It can be used right after any aerobic exercise. Stop exercising before starting this function.

To start the pulse recovery function, grasp the Pulse Sensors on the Handrails, one in each hand. Your pulse will be displayed approximately five (5) seconds after the heart symbol is displayed. Then press the **RECOVERY** button and continue to grasp the Pulse Sensors correctly. During the pulse recovery function, only **PULSE** and **TIME** are working and the display will be as shown in illustration E. **TIME** will count down from 1:00 and the heart symbol "\(\Phi\)" will be blinking. When the **TIME** reaches 0, the computer will show your pulse recovery condition from **F1.0** to **F6.0**. See illustration F. Press any button to exit the display.

- **NOTE:** 1. You can press the **RECOVERY** button at any time to run pulse recovery program, even during your exercising and running other program.
 - 2. You can quit the pulse recovery function by pressing the **ENTER** button and hold it down for two seconds.
 - 3. If you do not hold the Pulse Sensors properly or your hands are too dry. If no signal is available, an error code **E** will be displayed. Moisten your hands if necessary, then press the **RECOVERY** button to run the program again.





POWER SOURCE:

The computer uses the ADAPTER(95) as a power source. Use the AVARI® Programmable Stepper with the ADAPTER(95) plugged into an electrical outlet.

STORAGE

- 1. To store the AVARI® Programmable Stepper, simply keep it in a clean dry place.
- 2. The AVARI® Programmable Stepper is approximately 38.8 inches long x 39 inches wide x 59 inches tall. These dimensions will vary. Please measure your AVARI® Programmable Stepper if exact dimensions are needed.
- 3. To move the AVARI® Programmable Stepper, lift the REAR STABILIZER(3) and use the WHEELS(31) on the front stabilizer.

MAINTENANCE

The safety and integrity designed into the **AVARI® Programmable Stepper** can only be maintained when the **AVARI® Programmable Stepper** is regularly examined for damage and wear. Special attention should be given to the following:

- 1. Use the **UP**, **DOWN**, and **ENTER** buttons on the **COMPUTER(71)** to select a program and verify that the **MAGNETIC SYSTEM(7)** provides different tensions. The Magnetic System should provide many years of use.
- 2. Verify that all nuts and bolts are present and properly tightened. Replace missing nuts and bolts. Tighten loose nuts and bolts.
- 3. Verify that the **WARNING LABEL(87)** is in place and easy to read. Call Stamina Products immediately at **1-800-375-7520** for a replacement **WARNING LABEL(87)** if it is missing or damaged.
- 4. It is the sole responsibility of the user/owner to ensure that regular maintenance is performed.
- 5. Worn or damaged components must be replaced immediately or the **AVARI® Programmable Stepper** removed from service until repair is made.
- 6. Only Stamina Products supplied components should be used to maintain/repair the AVARI® Programmable Stepper.
- 7. Keep your AVARI® Programmable Stepper clean by wiping it off with an absorbent cloth after use.

CONDITIONING GUIDELINES

How you begin your exercise program depends on your physical condition. If you have been inactive for several years or are severely overweight, start slowly and increase your workout time gradually. Increase your workout intensity gradually by monitoring your heart rate while you exercise.

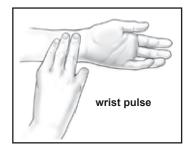
Remember to follow these essentials:

- Have your doctor review your training and diet programs.
- Begin your training program slowly with realistic goals that have been set by you and your physician.
- Warm up before you exercise and cool down after you work out.
- Take your pulse periodically during your workout and strive to stay within a range of 60% (lower intensity) to 90% (higher intensity) of your maximum heart rate zone. Start at the lower intensity, and build up to higher intensity as you become more aerobically fit.
- If you feel dizzy or lightheaded you should slow down or stop exercising.

Initially you may only be able to exercise within your target zone for a few minutes; however, your aerobic capacity will improve over the next six to eight weeks. It is important to pace yourself while you exercise so you don't tire too quickly.

To determine if you are working out at the correct intensity, use a heart rate monitor or use the table below. For effective aerobic exercise, your heart rate should be maintained at a level between 60% and 90% of your maximum heart rate. If just starting an exercise program, work out at the low end of your target heart rate zone. As your aerobic capacity improves, gradually increase the intensity of your workout by increasing your heart rate.

Measure your heart rate periodically during your workout by stopping the exercise but continuing to move your legs or walk around. Place two or three fingers on your wrist and take a six second heartbeat count. Multiply the results by ten to find your heart rate. For example, if your six second heartbeat count is 14, your heart rate is 140 beats per minute. A six second count is used because your heart rate will drop rapidly when you stop exercising. Adjust the intensity of your exercise until your heart rate is at the proper level.



Target Heart Rate Zone Estimated by Age*

Age	Target Heart Rate Zone (55%-90% of Maximum Heart Rate)	Average Maximum Heart Rate 100%
20 years	110-180 beats per minute	200 beats per minute
25 years	107-175 beats per minute	195 beats per minute
30 years	105-171 beats per minute	190 beats per minute
35 years	102-166 beats per minute	185 beats per minute
40 years	99-162 beats per minute	180 beats per minute
45 years	97-157 beats per minute	175 beats per minute
50 years	94-153 beats per minute	170 beats per minute
55 years	91-148 beats per minute	165 beats per minute
60 years	88-144 beats per minute	160 beats per minute
65 years	85-139 beats per minute	155 beats per minute
70 years	83-135 beats per minute	150 beats per minute

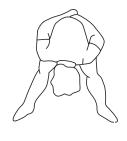
^{*} For cardiorespiratory training benefits, the American College of Sports Medicine recommends working out within a heart rate range of 55% to 90% of maximum heart rate. To predict the maximum heart rate, the following formula was used: 220 - Age = predicted maximum heart rate

WARM-UP and COOL-DOWN

Warm-Up The purpose of warming up is to prepare your body for exercise and to minimize injuries. Warm up for two to five minutes before strength training or aerobic exercising. Perform activities that raise your heart rate and warm the working muscles. Activities may include brisk walking, jogging, jumping jacks, jump rope, and running in place

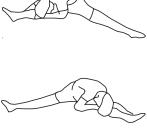
Stretching Stretching while your muscles are warm after a proper warm-up and again after your strength or aerobic training session is very important. Muscles stretch more easily at these times because of their elevated temperature, which greatly reduces the risk of injury. Stretches should be held for 15 to 30 seconds. Do not bounce.

Suggested Stretching Exercises



Lower Body Stretch

Place feet shoulder-width apart and lean forward. Keep this position for 30 seconds using the body as a natural weight to stretch the backs of the legs. DO NOT BOUNCE! When the pull on the back of the legs lessens, gradually try a lower position.



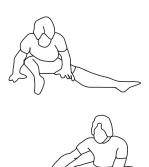
Floor Stretch

While sitting on the floor, open the legs as wide as possible. Stretch the upper body toward the knee on the right leg by using your arms to pull your chest to your thighs. Hold this stretch 10 to 30 seconds.

DO NOT BOUNCE!

Do this stretch 10 times.

Repeat the stretch with the left leg.



Bent Torso Pulls

While sitting on the floor, have legs apart, one leg straight and one knee bent. Pull the chest down to touch the thigh on the leg that is bent, and twist at the waist. Hold this position at least 10 seconds. Repeat 10 times on each side.



Bent Over Leg Stretch

Stand with feet shoulder-width apart and lean forward as illustrated. Using the arms, **gently** pull the upper body towards the right leg. Let the head hang down. DO NOT BOUNCE! Hold the position a minimum of 10 seconds. Repeat pulling the upper body to the left leg. Do this stretch several times slowly.

Remember to always check with your physician before starting any exercise program.

Cool-Down The purpose of cooling down is to return the body to its normal, or near normal, resting state at the end of each exercise session. A proper cool-down slowly lowers your heart rate and allows blood to return to the heart. Your cool-down should include the stretches listed above and should be completed after each strength training session.

MODEL A400-300

WARRANTY

Stamina Products, Inc. ("Stamina") warrants to the original purchaser that this product will be free from defects in materials and workmanship that arise under normal use, service, proper assembly and proper operation in accordance with product warnings/instructions for a period of 90 days on the parts and five years on the frame from the date of the original purchase from an authorized retailer. THIS WARRANTY SHALL NOT APPLY TO ANY PRODUCT WHICH HAS BEEN SUBJECT TO COMMERCIAL USE, ABUSE, MISUSE, ALTERATION OF ANY KIND OR TO ANY DEFECT OR CHANGE CAUSED BY IMPROPER ASSEMBLY, REPAIR, REPLACEMENT, SUBSTITUTION OR USE WITH PARTS NOT PROVIDED BY STAMINA. Commercial use includes use of product in athletic clubs, health clubs, spas, gyms, and all other public or semipublic facilities whether or not the product's use is in furtherance of a profit making enterprise, and all other use which is not for personal purposes.

To implement this limited warranty, send a written notice stating your name, date, and place of purchase and a brief description of the defect along with your receipt to Stamina Products, Inc. P.O. Box 1071, Springfield Missouri, USA, 65801-1071, or email us at customer.care@staminaproducts.com, or call us at 1-800-375-7520. If the defect is covered under this limited warranty, you will be requested to return the product or part to us for free repair or replacement at our option.

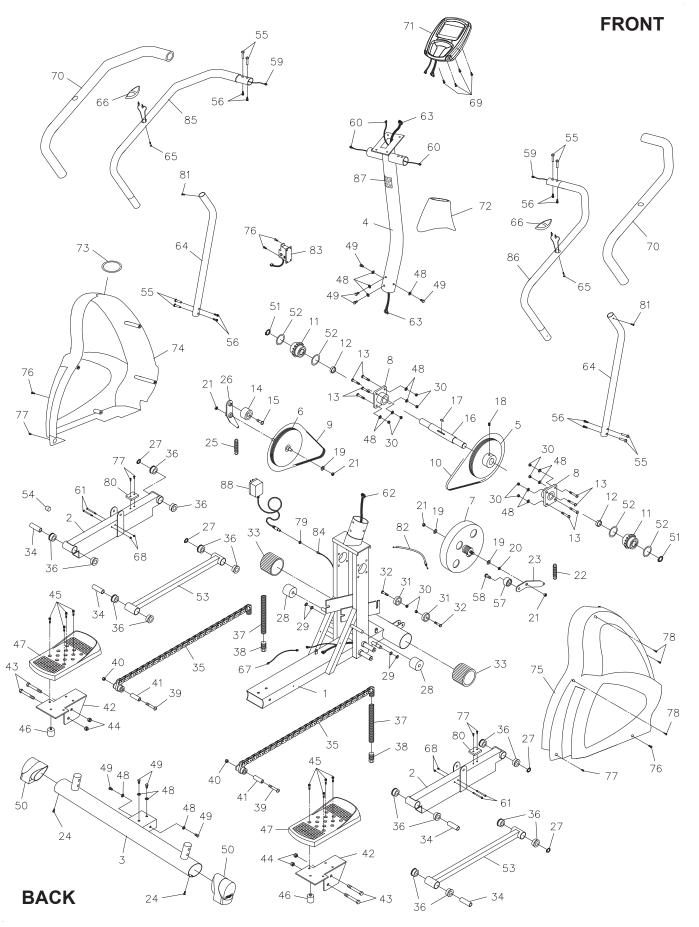
NO ACTION FOR BREACH OF THIS LIMITED WARRANTY MAY BE COMMENCED MORE THAN ONE (1) YEAR AFTER THE DATE THE ALLEGED BREACH WAS OR SHOULD HAVE BEEN DISCOVERED. NO ACTION FOR BREACH OF ANY IMPLIED WARRANTY (INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) MAY BE COMMENCED MORE THAN ONE (1) YEAR AFTER DELIVERY OF THE PRODUCT TO THE PURCHASER. These warranties are not transferable. IF ANY PART OF THE PRODUCT IS NOT IN COMPLIANCE WITH THIS LIMITED WARRANTY OR ANY IMPLIED WARRANTY, THE REMEDY OF REPAIR OR REPLACEMENT IS THE EXCLUSIVE REMEDY. If any claim is made under this limited warranty or any implied warranty, Stamina reserves the right to require the product to be returned for inspection, at the purchaser's expense, to Stamina's premises in Springfield, Missouri. Return of the enclosed warranty registration card is not required for warranty coverage, but is merely a way of establishing the date and place of purchase.

Stamina SHALL NOT BE LIABLE FOR THE LOSS OF USE OF ANY PRODUCT, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS OR ANY OTHER INDIRECT, CONSEQUENTIAL, SPECIAL OR INCIDENTAL DAMAGES DUE TO BREACH OF THE ABOVE WARRANTY OR ANY IMPLIED WARRANTY.

THIS LIMITED WARRANTY IS THE ONLY EXPRESS WARRANTY. NO ORAL OR WRITTEN INFORMATION GIVEN BY STAMINA, ITS AGENTS OR EMPLOYEES, SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY. This warranty gives you specific legal rights, and you may also have other legal rights which vary from state to state. ANY OTHER RIGHT WHICH YOU MAY HAVE, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

The laws in some states affect the disclaimer or limitation of implied warranties and consequential and incidental damages. If any such law is found applicable, the foregoing disclaimers and limitations of and on implied warranties and consequential and incidental damages shall be deemed to be modified to the extent necessary to comply with applicable law.

PRODUCT PARTS DRAWING



øø**PARTS LIST**

PART#	PART NAME	QTY
1	Main Frame	1
2	Pedal Arm	2
3	Rear Stabilizer	1
4	Upright	1
5	Drive Pulley	1
6	Transmission Pulley	1
7	Magnetic System	1
8	Bearing Housing	2
9	Drive Belt	1
10	Transmission Belt	1
11	Sprocket Hub	2
12	Spacer (ø25 x ø28 x 8.5mm)	2
13	Bolt, Button Head (M8 x 1.25 x 45mm)	8
14	Large Idler Wheel	1
15	Bolt, Button Head (M10 x 1.5 x 25mm)	1
16	Axle	1
17	Key (6 x 6 x 15mm)	1
18	Set Screw (M8 x 1.25 x 12mm)	1
19	Washer (ø12 x ø16 x 1mm thick)	3
20	Thin Nut (3/8" - 26 x 1/8" thick)	1
21	Nut (3/8" - 26)	4
22	Tension Spring (ø20 x ø16 x ø2 x 40mm)	1 1
23	Idler Arm	
24	Screw, Flat Head (M5 x 0.8 x 12mm)	2 1
25	Long Tension Spring (ø20 x ø16 x ø2 x 70mm) Idler Arm	1
26		4
27	C Ring (19mm)	2
28 29	Stopper	4
30	C Ring (13mm) Nylock Nut (M8 x 1.25)	10
31	Wheel	2
32	Bolt, Button Head (M8 x 1.25 x 35mm)	2
33	Endcap (ø76mm)	2
34	Spacer (ø12 x ø19 x 60.5mm)	4
35	Chain	2
36	Pedal Arm Bushing	16
37	Return Spring	2
38	Spring Connector	2
39	Bolt, Button Head (M10 x 1.5 x 55mm)	2
40	Nylock Nut (M10 x 1.5)	2
41	Spacer (ø10 x ø16 x 40mm)	2
42	Pedal Support Plate	2
43	Bolt, Hex Head (M12 x 1.75 x 85mm)	4
44	Nylock Nut (M12 x 1.75)	4
45	Bolt, Socket Head (M6 x 1 x 20mm)	8
46	Bumper	2
47	Pedal Cap	2
48	Washer (M8)	16
	, ,	-

PARTS LIST

PART#	PART NAME	QTY
49	Bolt, Hex Head (M8 x 1.25 x 12mm)	8
50	Leveling Cap (ø76mm)	2
51	C Ring (25mm)	2
52	O-Ring	4
53	Linkage	2
54	Magnet	1
55	Barrel Nut (ø8 x 33.5mm, M6 x 1 threaded)	8
56	Bolt, Socket Head (M6 x 1 x 16mm)	8
57	Idler Wheel	1
58	Bolt, Button Head (M10 x 1.5 x 22mm)	1
59	Pulse Sensor Wire	2
60	Pulse Connecting Wire	1
61	Screw, Round Head (M5 x 0.8 x 60mm)	4
62	Control Wire	1
63	Extension Control Wire	1
64	Lower Handrail	2
65	Screw, Round Head (M4 x 0.6 x 20mm)	2
66	Pulse Sensor	2
67	Sensor Wire	1
68	Nylock Nut (M5 x 0.8)	4
69	Screw, Round Head (M5 x 0.8 x 12mm)	4
70	Foam Grip	2
71	Computer	1
72	Upright Sleeve	1
73	Cover Ring (ø76mm)	1
74	Left Cover	1
75	Right Cover	1
76	Screw, Round Head (M5 x 0.8 x 12mm)	4
77	Screw, Round Head (M4 x 12mm)	6
78	Screw, Round Head (M4 x 16mm)	3
79	Plug Nut	1
80	Bumper Pad	2
81	Screw, Round Head (M4 x 0.6 x 12mm)	2
82	Tension Cable	1
83	Control Motor	1
84	Power Wire	1
85	Left Handrail	1
86	Right Handrail	1
87	Warning Label	1
88	Adapter, Output 6V DC, 1A	1
89	Allen Wrench (5mm)	2 1
90	Wrench	
91	Manual	1

NOTES

TO CONTACT CUSTOMER CARE

For your convenience, Stamina's customer care representatives can be reached by email at **customer.care@staminaproducts. com** or by phone at 1-800-375-7520 (in the U.S.). Our customer care representatives are available Monday through Thursday from 7:30 a.m. until 5:00 p.m., and Friday 8:00 a.m. until 3 p.m. Central Time.



ONLINE
CUSTOMER CARE
customer.care@staminaproducts.com
www.staminaproducts.com









STAMINA PRODUCTS, INC. ATTN: Customer Care P.O. Box 1071 Springfield, MO. 65801-1071

Would you like to recieve email information or special offers from Stamina Products? Register at contact.staminaproducts.com

TO REGISTER YOUR PRODUCT

To enact your warranty, please register your product by going to register.staminaproducts.com. Please have your product model number (printed on the cover of this owner's manual) and the serial number (printed on the black and white sticker on your product) ready.

If you don't have internet access, you can call customer care at 1-800-375-7520, or fill out and mail the product registration form below to Stamina Products, Inc.; P.O. Box 1071; Springfield, MO 65801-1071.

PRODUCT REGISTRATION FORM	Stamina Products, Inc. P.O. Box 1071 Springfield, MO 65801-1071	
Model Number:	Serial Number:	
Product Name:		
Place Purchased:		
Date of Purchase:	Purchase Price:	:
First Name:	Last Name:	
City:	State:	Zip Code:
Email Address:	Phone #: ()
Would you like to receive email information or s	pecial offers from Stamina Products?*Yes	No *If yes, be sure your email address is included above.
\$\$	Detach and Mail or Fax the Form Abov	e
TO ORDER PARTS		

If there are missing or damaged parts, you can go to parts.staminaproducts.com and order those parts. If you have questions, please contact customer care. Do not return the product. To order parts by mail, fill out the sheet below and fax it to 417-889-8064. The part will be mailed to your address.

	Detach and Mail or Fax the Form Below		<i>-</i> -
PARTS ORDER FORM	Stamina Products, Inc. P.O. Box 1071 Springfield, MO 65801-1071		
Mr./Ms:			
Address:		Apt. #:	
City:	State:	Zip Cod	le:
IMPORTANT : W	e require your phone number to process the order!		
Phone #: ())	
Date of Purchase:			
Model #:			
Purchased From:			
IMPORTAN	T: Before filling out the portion below, make sure you have t Refer to the parts list to make sure you're ordering the rig		ation.
PART#	DESCRIPTION		QUANTITY
EXAMPLE: 1	Rear Unit Assembly		1
	-		
I I			