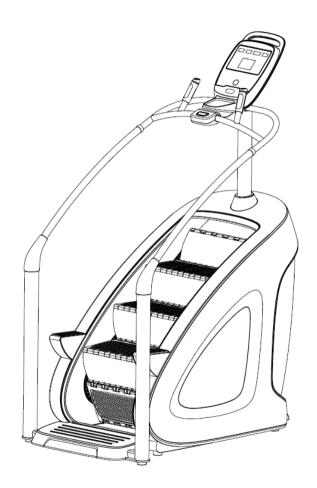




# **CSC900** StairClimber OWNER'S MANUAL



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Thank you for purchasing our product, please save these instructions. Please do not perform or attempt any customizing, adjustments, repair or maintenance that is not described in this manual.



Congratulations on your new StairClimber and welcome to the Spirit Fitness family!

Thank you for your purchase of this quality StairClimber from Spirit Fitness. Your new StairClimber was manufactured by one of the leading fitness manufacturers in the world and is backed by one of the most comprehensive warranties available. Through your dealer, Spirit Fitness will do all we can to make your ownership experience as pleasant as possible for many years to come. If not purchased direct from Spirit Fitness, the local dealership where you purchased this StairClimber is your administrator for all Spirit Fitness warranty and service needs. Their responsibility is to provide you with the technical knowledge and service personnel to make your experience more informed and any difficulties easier to remedy.

Please take a moment at this time to record the name of the dealer, their telephone number, and the date of purchase below to make any future, needed contact easy. We appreciate your support and we will always remember that you are the reason that we are in business.

Yours in Health, Spirit Fitness

NAME OF DEALER .	
DEALER PHONE #	
PURCHASE DATE	

## IMPORTANT SAFETY INSTRUCTIONS

#### **WARNING**

- Always unplug the machine from the electrical outlet before cleaning or servicing.
- This machine is not intended to be serviced by the end user, refer servicing to qualified personnel only.
- This product will be wired for either 120 VAC nominal power input OR 230 VAC nominal input. It is factory-equipped with a specific electric cord and plug to permit connection to the proper electric circuit. Make sure that the product is connected to a dedicated power line having an outlet with the same configuration as that of the plug.
- Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product. NO adapter should be used with this product.
- If the product must be reconnected for use on a different type of electric circuit, the reconnection should be ma made by qualified service personnel in order to avoid a hazard.

- Maximum User Weight: 400 lbs / 180 kg.
- This appliance is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Keep children under the age of 13 away from this machine.

SAVE THESE INSTRUCTIONS - THINK SAFETY!

## IMPORTANT ELECTRICAL INSTRUCTIONS

#### **△** WARNING

• This equipment is designed for use in a commercial gymnasium or health club. To ensure the proper use of the equipment in a safe manner, all users of the equipment should read this manual before using the machine. This machine should be made a part of your club training program in order that the equipment is used by your members in a safe

- manner as intended. In addition to instructing the club members in the proper use of the equipment, the club member should obtain a complete physical examination form their health care provider before beginning any exercise program.
- This machine is not intended to be used by children.
  It is not intended to be used by persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge, unless given instruction and under the personal supervision concerning use of the machine by a person responsible for their safety. Do not leave children unsupervised around the machine.
- Assemble and operate the machine on a solid level surface. Position the machine with a minimum of 20 inches (0.5 meters) of clearance on each side to allow for ease of mounting and dismounting. Allow for 48 inches (1.25 meters) of clearance behind the machine. These dimensions are the recommended minimum distances. The actual area for access and passage is the responsibility of the facility and should take into account this training envelope and any other national or local codes or regulations.
- Keep power cord away from heated surfaces.
  Unplug power cord when the machine is unattended
  and before performing any preventative maintenance
  such as cleaning or replacing a worn part.
- Familiarize yourself with the location of the STOP

- buttons on the console. If you experience difficulties during the workout, pushing the STOP button will bring the machine to a stop.
- Do not exceed the maximum allowable weight limit of 400 lbs. / 180 kg.
- Use care when getting on or off the machine. Always use the handrails. Do not step off of the machine while it is moving. Press the STOP button and wait for the machine to come to a complete stop before dismounting.
- Do not overexert yourself during exercise. Stop exercising if you feel pain or tightness in your chest, become short of breath or feel faint. If you feel pain or experience any abnormal symptoms, stop exercising and consult your health care provider.
- Wear proper exercise clothing and athletic shoes during a workout. Avoid wearing loose clothing. Tie back long hair and keep towels away from the moving parts. Face forward at all times and never attempt to turn around while the machine is moving.
- Do not operate the machine if the motor shroud is removed or if the power cord is damaged in any manner.
- Keep all air openings free from dirt or any material that would block the flow of air to the motor.
- The safety and integrity of this machine can only be maintained when the equipment is regularly examined for damage and wear and repaired. It is

the sole responsibility of the owner of this equipment to ensure that regular maintenance is performed. Worn or damaged parts must be replaced immediately, or the equipment removed from service until the repair is made.

- Be aware that the generator is producing AC power while the StairClimber is being used. Do not service the StairClimber while the generator is spinning; serious electric shock could occur.
- NEVER expose this StairClimber to rain or moisture. This product is NOT designed for use outdoors, near a pool or spa, or in any other high humidity environment. The operating temperature specification is 40 to 120 degrees Fahrenheit, and humidity is 95% non-condensing (no water drops forming on surfaces).
  - IMPORTANT
    OPERATION
    INSTRUCTIONS
- NEVER operate this StairClimber without reading

- and completely understanding the results of any operational change you request from the computer console.
- Understand that changes in resistance do not occur immediately. Set your desired resistance level on the computer console and release the adjustment button. The computer will obey the command gradually.
- Use caution while participating in other activities while stepping on the rotating staircase; such as watching television, reading, etc. These distractions may cause you to lose balance which may result in serious injury.
- Do not use excessive pressure on console control buttons. They are precision set to function properly with little finger pressure.

#### RECORD YOUR SERIAL NUMBER

Please record the serial number of this fitness product in the space provided below. The serial number is located on the front of the StairClimber.

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#### INTERNATIONAL OFFICES

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### **CSC900** PRE-ASSEMBLY

#### UNPACKING

- 1. Read all instructions before assembling.
- 2. Assemble and operate the StairClimber on a hard, level surface in the area intended for use
- 3. Attach all fasteners and partially tighten them. Do not fully tighten fasteners until assemble of all components is complete.
- 4. Do not attempt to move the unit by yourself. Have at least one other person help and use safe lifting techniques.
- Do not grasp on any plastic parts of the unit while lifting and moving. The plastic components are non-structural covers and not capable of supporting the weight of the unit.
- 6. Locate the hardware package. The hardware is labeled with its specification as a description. Each of the assembly steps reference the descriptions to avoid confusion during assembly.

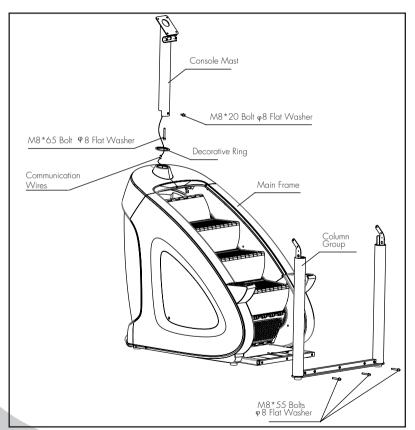
#### **TOOLS INCLUDED:**

- □ .5mm Allen Wrench
- ☐ 6mm Allen Wrench

#### **PARTS INCLUDED:**

- 1 Main Frame
- 1 Console
- 1 Console Mast
- 1 Column Group
- 1 Decorative Ring
- 1 Handlebar Group
- 2 Side Handlebars
- 2 Decorative Rings
- □ 1 Handlebar Reinforcement
- □ 1 Hardware Kit
- 2 Handlebar Covers

### **CSC900** STEP ONE

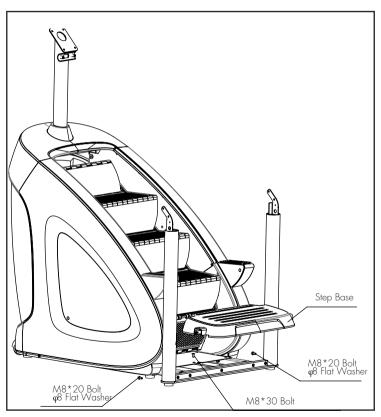


Hardware for Step 1				
TYPE	DESCRIPTION	QTY		
CONSOLE MAST		1		
BOLT	M8 X 20L	1		
BOLT	M6 X 65L	1		
BOLT	M8 X 55L	3		
WASHER	Ø8	5		

- Insert Console Mast wire through Decorative Ring, then connect the Communication Wires between the Main Frame and Console Mast.
- 2. Attach the **Decorative Ring** to **Console**Mast using the Bolt M8\*20 (1 pc),

  M8\*65 (1 pc) and Ø8 flat washer
  (2pc).
- 3. Attach the **Column Group** to the lower **Main Frame**, using the M8\*55 Bolts (3pcs) and the Ø8 flat washer (3pcs).

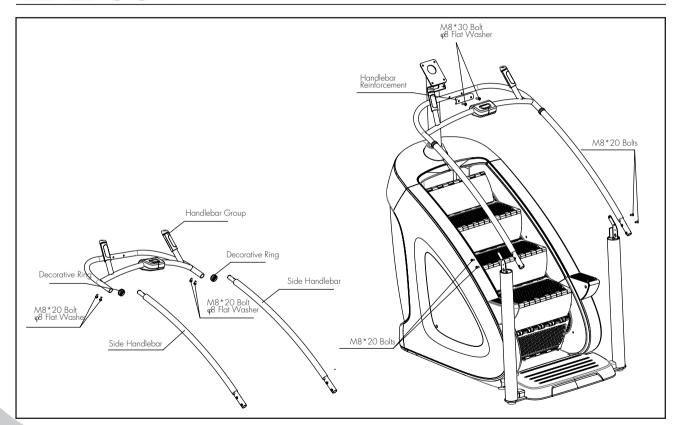
## **C5C900** STEP TWO



Hardware for Step 2				
TYPE	DESCRIPTION	QTY		
STEP BASE		1		
BOLT	M8 X 20L	2		
BOLT	W8 X 30L	1		
WASHER	ø8	2		

1. Attach the **Step Base** to the lower **Main Frame** using the M8\*20 Bolts (2pcs), Ø8 Flat
Washers (2pcs) and M8\*30 Bolt (1pc).

## **CSC900** STEP THREE

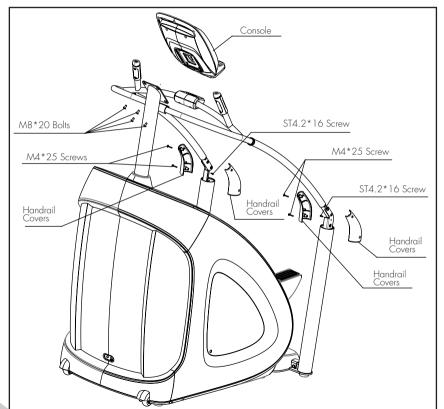


## **CSC900** STEP THREE - CONTINUED

Hardware for Step 3				
TYPE	DESCRIPTION	QTY		
SIDE HANDLEBARS		2		
HANDLEBAR GROUP		1		
DECORATIVE RINGS		2		
REINFORCEMENT PLATE		1		
BOLT	M8 X 20L	8		
BOLT	M8 X 30L	2		
WASHER	ø8	6		

- 1 Connect wires with same terminal
- 2. Attach **Side Handlebars** to the **Handlebar Group** and with the **Decorative Rings** using M8\*20 Blots (4pcs), ø8 Flat Washers (4pcs).
- 3. Attach Handlebar Group to Console Mast with the Reinforcement Plate using M8\*30 Bolts (4pcs), Ø8 Flat Washers (4pcs).
- 4. Attach **Handlebars** to the **Column Groups** using M8\*20 Bolts.

## **CSC900** STEP FOUR

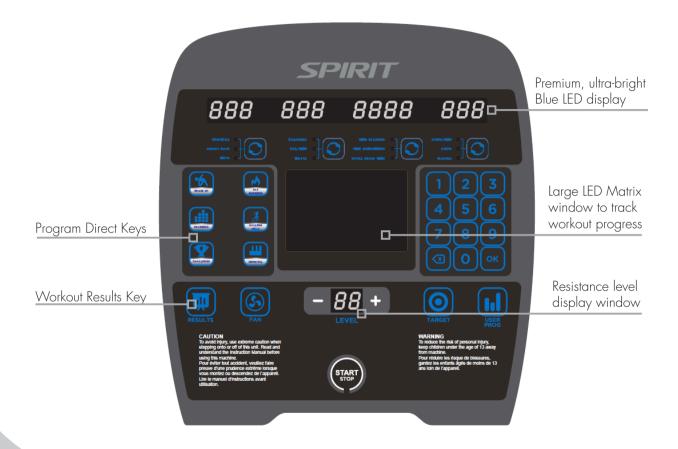


Hardware For Step 4					
TYPE	DESCRIPTION	QTY			
CONSOLE		1			
HANDRAIL COVERS	SETS	2			
BOLT	M8 X 20L	4			
SCREW	M4 X 25L	4			
SCREVV	ST4.2 X 16L	2			

- 1. Connect Console using M8\*20L Bolts (4pcs).
- 2. Secure Handlebars on each side using ST4.2\*16L Screws (2pcs).
- 3. Attach the Handrail Covers on each side using M4\*25L Screws (4pcs).



## **CSC900** CONSOLE OPERATION



#### **BASIC INFORMATION**

The Dot Matrix, or Profile Window, will display the workout Profile. The Message window displays pertinent exercise data. There are four windows to display a large variety of pertinent data during the workout. A Vertical window measures vertical height climbed along with Heart Rate and METS. Calories window measuring overall calories burned along with Calories/minute and WATTS. A Time Elapsed window along with Time Remaining and Total Program Time. Also, a Steps/minute window along with total Steps and Floors climbed.

Heart Rate number display. The StairClimber has a built-in heart rate monitoring system. Simply grasping the hand pulse sensors, will calculate and display Heart Rate in the upper left side window (this may take a few seconds). Press on the scroll button until Hear Rate is displayed. The Heart Rate window will display your heart rate, or Pulse, in beats per minute.

Pressing the Stop button once during a program will lock the rotating staircase and pause the program. If you need to get a drink, answer the phone, or any of the many things that could interrupt your workout, this is a great feature. The staircase will remain locked until the program is continued. To resume your workout during Pause just press the Start button to unlock the stairs and continue stepping. If the Stop button is pressed twice during a workout, the program will end, and the console will return to the start-up screen.

#### **ENTERING A PROGRAM & CHANGING SETTINGS**

A safety tether cord is provided with this unit. It is a simple switch design that should always be used. It is for your safety should you fall from the StairClimber when the Steps Per Minute (SPM) exceeds your capability. Pulling this safety tether cord and activating the switch will stop the stairs movement.

#### To Use:

- Fasten the plastic clip onto your clothing securely to assure good holding power. NOTE: the switch has a strong enough power to minimize accidental, unexpected stopping. The clip should be attached securely to make certain it does not come off. Be familiar with its function and limitations. The StairClimber will stop, depending on the level within one to two steps anytime the switch is activated.
- If for any reason you feel unstable on the rotating staircase, immediately press the START/STOP button or pull on the safety switch to stop the staircase and step off onto the side support steps

#### **FAN**

An adjustable vent, two-speed fan is integrated into the console to help keep you cool during the workout. The fan is Off by default.

Press the fan button once to turn the fan on, on High. Press the fan button a second time to switch to Low. Pressing the fan button a third time will shut the fan off.



#### **DISPLAY**



The console display is separated into 4 separate display windows with thirteen total data points. Using the button below each window changes the display data point as shown.

WINDOW ONE	WINDOW TWO	WINDOW THREE	WINDOW FOUR
VERTICAL DISTANCE	CALORIES	TIME ELAPSED	STEPS PER MINUTES
HEART RATE	CALORIES / MINUTE	TIME REMAINING	STEPS
METS	WATTS	TOTAL PROGRAM TIME	FLOORS



Vertical distance counts up from 0 to 999 feet or meters then rolls over to 1 to represent 1,000. A light in the decimal space for each increment of 1,000 will also illuminate and changes position with each distance of 1,000 reached.

Changing from imperial to meters is accomplished by pressing 1,2,3,OK.

#### NUMBER KEYPAD

When you are in the data set-up mode setting new data such as age, weight etc., you can use these buttons to enter the numbers quickly.

#### **QUICK START**

This is the quickest way to start a workout. Press the Start button to begin. This will initiate the Quick Start mode. In Quick Start the Time will count up from zero, all workout data will start to accrue, and the workload may be adjusted manually by pressing the level Up + and Down - buttons. The dot matrix display will show just the bottom row lit. As you increase the workload more rows will light indicating a harder workout. The StairClimber will get harder as the stairs begin to rotate more easily as the rows increase, thus increasing your steps per minute. The dot matrix has 24 columns of lights and each column represents 1 minute. At the end of the 24th column (or 24 minutes of work) the display will wrap around and start at the first column again.

There are 20 levels of resistance available for plenty of variety. The first levels are very easy workloads, and the changes between levels are set to a good progression for de-conditioned users. As the levels increase, the braking of the rotating stairs decreases, causing the user to step a faster rate, steps per minute (spm). The highest levels, levels 15-20 are extremely challenging. These levels should not be used by deconditioned users as there is greater risk of falling off machine when the user cannot keep up with the rate of rotation of the stairs. These levels are extremely hard and are good for short interval peaks and elite athletic training.





#### PROGRAMMING THE CONSOLE

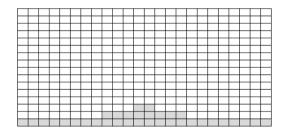
Each of the programs can be customized with your personal information and changed to suit your needs. Some of the information asked for is necessary to ensure the readouts are correct. You will be asked for your **Age** and **Weight**. Entering your **Weight** aides in calculating a more correct **Calorie** reading. Although we cannot provide an exact calorie count we do want to be as close as possible.

CALORIE NOTE: Calorie readings on every piece of exercise equipment, whether it is in a gym or at home, are not accurate and tend to vary widely. They are meant only as a guide to monitor your progress from workout to workout. The only way to measure your calorie burn accurately is in a clinical setting connected to a host of machines. This is because every person is different and burns calories at a different rate. Some good news is that you will continue to burn calories at an accelerated rate for at least an hour after you have finished exercising!

#### WARM UP

- 1. Press the WARM UP button.
- 2. Console displays: Start Or Press OK To Set Up. Press OK.
- 3. Enter Your Age displays on the screen. The default age of 35 will blink repeatedly. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
- 4. Enter Your Weight displays on the screen. The default weight is 65 kg (145 lbs) will blink repeatedly.
- 5. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
- 6. Enter Time displays on the screen. The default time of 30 minutes will blink repeatedly. The Minimum time is 5 minutes and the maximum time is 99 minutes. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
- 7. Press START to begin.
- 8. Console counts down from 3 seconds then the stairs unlock, and program begins. Program profile displays on the dot matrix display.
- 9. Resistance level begins at 23 steps per minute (SPM).
- 10. Adjust the programs resistance using either the

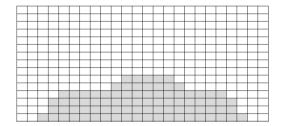




#### **FAT BURNING**

- 1. Press the FAT BURNING button.
- 2. Console displays: Start Or Press OK To Set Up. Press OK.
- 3. Enter Your Age displays on the screen. The default age of 35 will blink repeatedly. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
- 4. Enter Your Weight displays on the screen. The default weight is 65 kg (145 lbs) will blink repeatedly.
- 5. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
- 6. Enter Time displays on the screen. The default time of 30 minutes will blink repeatedly. The Minimum time is 5 minutes and the maximum time is 99 minutes. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
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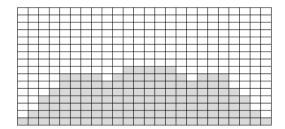




#### **TRAINING**

- 1. Press the TRAINING button.
- 2. Console displays: Start Or Press OK To Set Up. Press OK.
- 3. Enter Your Age displays on the screen. The default age of 35 will blink repeatedly. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
- 4. Enter Your Weight displays on the screen. The default weight is 65 kg (145 lbs) will blink repeatedly.
- 5. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
- 6. Enter Time displays on the screen. The default time of 30 minutes will blink repeatedly. The Minimum time is 5 minutes and the maximum time is 99 minutes. Use the Level + or – keys or the numerical Keypad to adjust age. Press OK.
- 7. Press START to begin.
- 8. Console counts down from 3 seconds then the stairs unlock, and program begins. Program profile displays on the dot matrix display.
- 9. Resistance level begins at 23 steps per minute (SPM).
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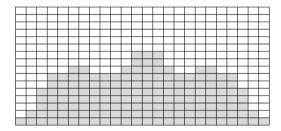




#### **ROLLING HILLS**

- 1. Press the ROLLING HILLS button.
- 2. Console displays: Start Or Press OK To Set Up. Press OK.
- 3. Enter Your Age displays on the screen. The default age of 35 will blink repeatedly. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
- 4. Enter Your Weight displays on the screen. The default weight is 65 kg (145 lbs) will blink repeatedly.
- 5. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
- 6. Enter Time displays on the screen. The default time of 30 minutes will blink repeatedly. The Minimum time is 5 minutes and the maximum time is 99 minutes. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
- 7. Press START to begin.
- 8. Console counts down from 3 seconds then the stairs unlock, and program begins. Program profile displays on the dot matrix display.
- 9. Resistance level begins at 23 steps per minute (SPM).
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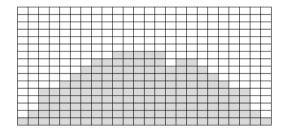




#### CHALLENGE

- 1. Press the CHALLENGE button.
- 2. Console displays: Start Or Press OK To Set Up. Press OK.
- 3. Enter Your Age displays on the screen. The default age of 35 will blink repeatedly. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
- 4. Enter Your Weight displays on the screen. The default weight is 65 kg (145 lbs) will blink repeatedly.
- 5. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
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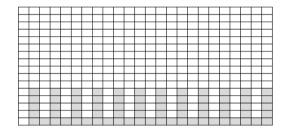




#### INTERVAL

- 1. Press the INTERVAL button.
- 2. Console displays: Start Or Press OK To Set Up. Press OK.
- 3. Enter Your Age displays on the screen. The default age of 35 will blink repeatedly. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
- 4. Enter Your Weight displays on the screen. The default weight is 65 kg (145 lbs) will blink repeatedly.
- 5. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
- 6. Enter Time displays on the screen. The default time of 30 minutes will blink repeatedly. The Minimum time is 5 minutes and the maximum time is 99 minutes. Use the Level + or keys or the numerical Keypad to adjust age. Press OK.
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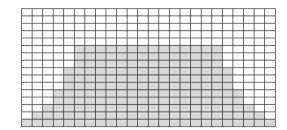
#### TARGET TRAINING

The TARGET TRAINING Program allows the user to choose their own workout goal: Time, Vertical Distance, or Calories. The Program counts down from the time goal or tracks up for both vertical distance or calories

- 1. Press the TARGET button.
- 2. 30:00 minutes continually blinks in display window indicating Total Program Time.
- 3. Console scrolls: Set Time Or Enter The Next Target. Press OK if done, or
- 4. Press TARGET button again for next target.
- 5. 50 continually blinks in display window indicating Vertical Distance Goal.
- 6. Console scrolls: Set Distance Or Enter Next Target. Press OK if done, or
- 7. Press Target button again for next target.
- 8. 50 continually blinks in display window indicating Calories goal.
- 9. Console scrolls: Set Calories Or Enter.
- 10. Use the numerical keypad or Level + or keys to adjust target goals: Minutes 5 to 99

Minutes 5 to 99 Calories 10 to 990 Vertical 10 to 990



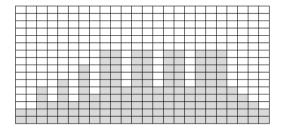


#### **USER PROGRAM**

The USER Program allows the user to create their own unique program design, customizing all 24 segments of the dot matrix display.

- 1. Press the USER PROG button.
- 2. 30:00 minutes continually blinks in display window indicating Total Program Time.
- 3. Console scrolls: User Program. Press OK.
- 4. Console scrolls: Set Level The OK For Each Segment.
- 5. Set Time then OK.
- 6. Press Start to begin.





## PAUSING OR ENDING A PROGRAM

- 1. Pressing the START/STOP button at anytime will pause the workout and lock the stairs from rotating.
- 2. Background color of the START button will change from green to red indicating that the machine has stopped. When the program restarts the color will revert to blue, or if the program is ended the color will change to blue indicating that the machine is ready.

  NOTE: When the Start button and the contact heart rate handlebar ends are green, this indicates that the machine is in motion.
- 3. Once a program has stopped, pressing the RESULTS button will scroll Workout Results on the display.
- Workout totals for: Vertical, Total Calories, Time Elapsed, and Steps display. NOTE: Pressing the RESULTS button twice will erase the workout results and revert to start screen.
- During Workout Results, console allows scrolling between Vertical, Heart Rate, METS and Calories, Calories Per Minute, Watts.





#### **GENERAL MAINTENANCE**

Wipe down all areas in the sweat path with a damp cloth after each workout. If a squeak, thump, clicking or rough feeling develops the main cause is most likely the following reason:

The hardware was not sufficiently tightened during assembly. All bolts that were installed during assembly need to be tightened as much as possible. It may be necessary to use a larger wrench than the one provided if you cannot tighten the bolts sufficiently.

With durable, high performance components, this equipment is designed for heavy usage with minimal maintenance required. To keep it in top condition, perform regular daily, weekly and monthly preventive maintenance routines outlined below.

The safety and integrity of this machine can only be maintained when the equipment is regularly examined for damage and wear and repaired. It is the sole responsibility of the owner of this equipment to ensure that regular maintenance is performed. Worn or damaged parts must be replaced immediately, or the equipment removed from service until the repair is made.



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