

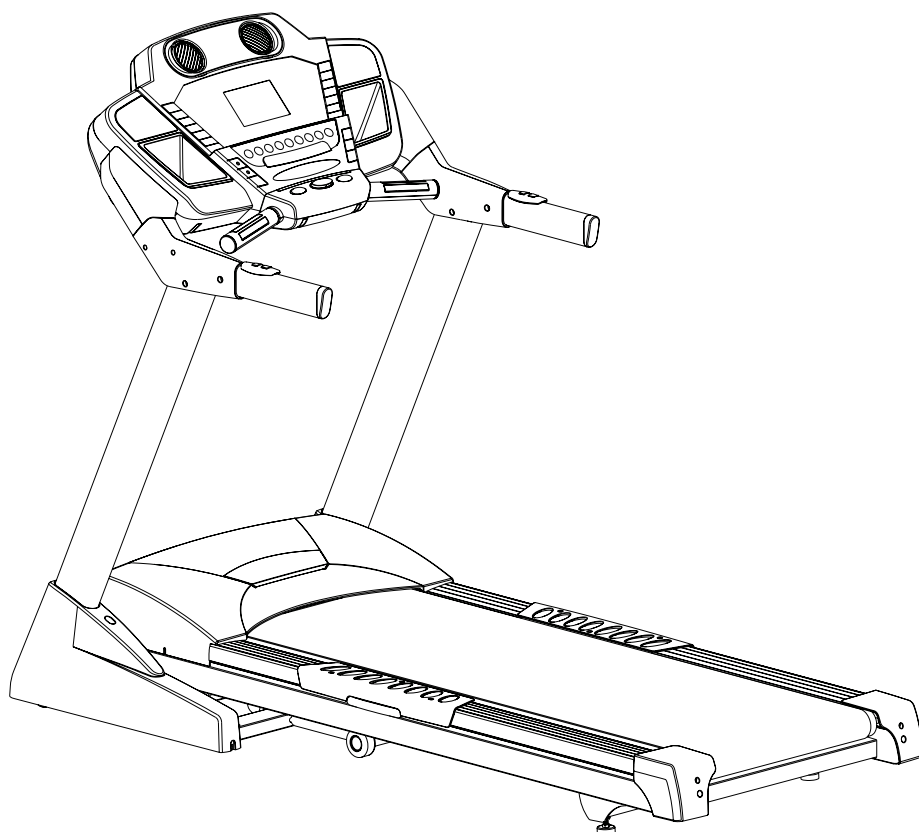
NOTE

Thank you for purchasing the SPIRIT F8500 treadmill.

Please read carefully through all the precautions and instructions in this manual before using this equipment and keep this manual for your future reference.



F8500 TREADMILL

**SERVICE CENTRE
NUMBER**

For immediate help with assembly or for additional product information, please call our service center.

(DBN)

031 702 5784

(JHB)

011 907 1660

(CT)

021 934 0862

(PE)

041 487 0573

please have your model name ready when you call us.

**MAXIMUM USER
WEIGHT**

150kg

INSTRUCTION AND USER'S MANUAL

10156

CONTENTS

SAFETY PRECAUTIONS	page 1-2
PRE-ASSEMBLY CHECK LIST	page 3
PARTS LIST	page 4-6
HARDWARE PARTS LIST	page 7
EXPLODED DIAGRAM	page 8
ASSEMBLY INSTRUCTION	page 9-12
COMPUTER OPERATION INSTRUCTIONS	page 13-17
PROGRAMMABLE OPERATION OF YOUR TREADMILL	page 18-23
UNFOLDING/FOLDING AND TRANSPORT	page 24
BELT TRACKING ADJUSTMENT	page 25
TREADMILL LUBRICATION	page 26
EXERCISE INSTRUCTIONS	page 27-28
WARRANTY INFORMATION	page 29-31

SAFETY PRECAUTIONS

IMPORTANT: THIS UNIT IS INTENDED FOR HOUSEHOLD USE ONLY

Your treadmill was designed and built for optimum safety. However, certain precautions apply whenever you use your treadmill. Be sure to read the manual before assembly and operation.

Also, please note the following safety precautions:

DANGER: To reduce the risk of electric shock, always unplug the treadmill from the electrical outlet immediately after using and before cleaning.

1. Read OWNER OPERATING MANUAL and all accompanying literature and follow it carefully before using your treadmill.
2. If dizziness, nausea, chest pains, or any other abnormal symptoms are experienced while using this equipment, STOP the workout at once. CONSULT A PHYSICIAN IMMEDIATELY.
3. Never leave the treadmill unattended when plugged in. Unplug from the outlet when not in use and before removing or replacing parts.
4. Never operate the treadmill if it has a damaged cord or plug, if it is not working properly, if it has been dropped, damaged, or exposed to water.
5. Do not pull the treadmill by the power supply cord or use cord as a handle. Keep cord away from heated surfaces and open flames.
6. Fitness equipment must always be installed and used on a flat surface. Do not use outdoors or near water.
7. Do not insert any objects into any openings.
8. Keep children and pets away from this equipment at all times whilst exercising.
9. Handicapped individuals should have medical approval and close supervision when using this treadmill.
10. Do not place hands or feet under the treadmill. Always keep hands and legs off of the treadmill when others are using it.
11. Never turn on treadmill while standing on treadbelt. Always return the treadmill to slow speed to ensure a safe dismount and low speed restart.
 - a. To disconnect, turn all controls to the off position, then remove plug from outlet.
 - b. Use the treadmill only for it's intended use as described in this manual.
 - c. Warm up 5 to 10 minutes before each workout and cool down 5 to 10 minutes afterward.

This allows your heart rate to gradually increase and decrease and will help prevent straining muscles.
 - d. Never hold your breath while exercising. Breathing should remain at a normal rate in conjunction with the level of exercise being performed.
 - e. Start your program slowly and very gradually increase your speed and distance.
 - f. Always wear suitable clothing and footwear while exercising. Do not wear loose fitting clothing that could become entangled with the moving parts of your treadmill.
 - g. Do not walk or jog barefoot, in stocking feet or loose fitting shoes or slippers.
 - h. Care must be taken when lifting or moving the equipment, so as not to injure your back.

SAFETY PRECAUTIONS

Always use proper lifting techniques.

12. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
13. The treadmill is not to be used by children or persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction
14. Children being supervised should not play with the treadmill.

WARNING

Before beginning any exercise program consult your physician. This is especially important for individuals over the age of 35 or persons with pre-existing health problems. Read all instructions before using any fitness equipment. We assume no responsibility from personal injury or property damage sustained by or through the use of this product.

PRE ASSEMBLY CHECK LIST

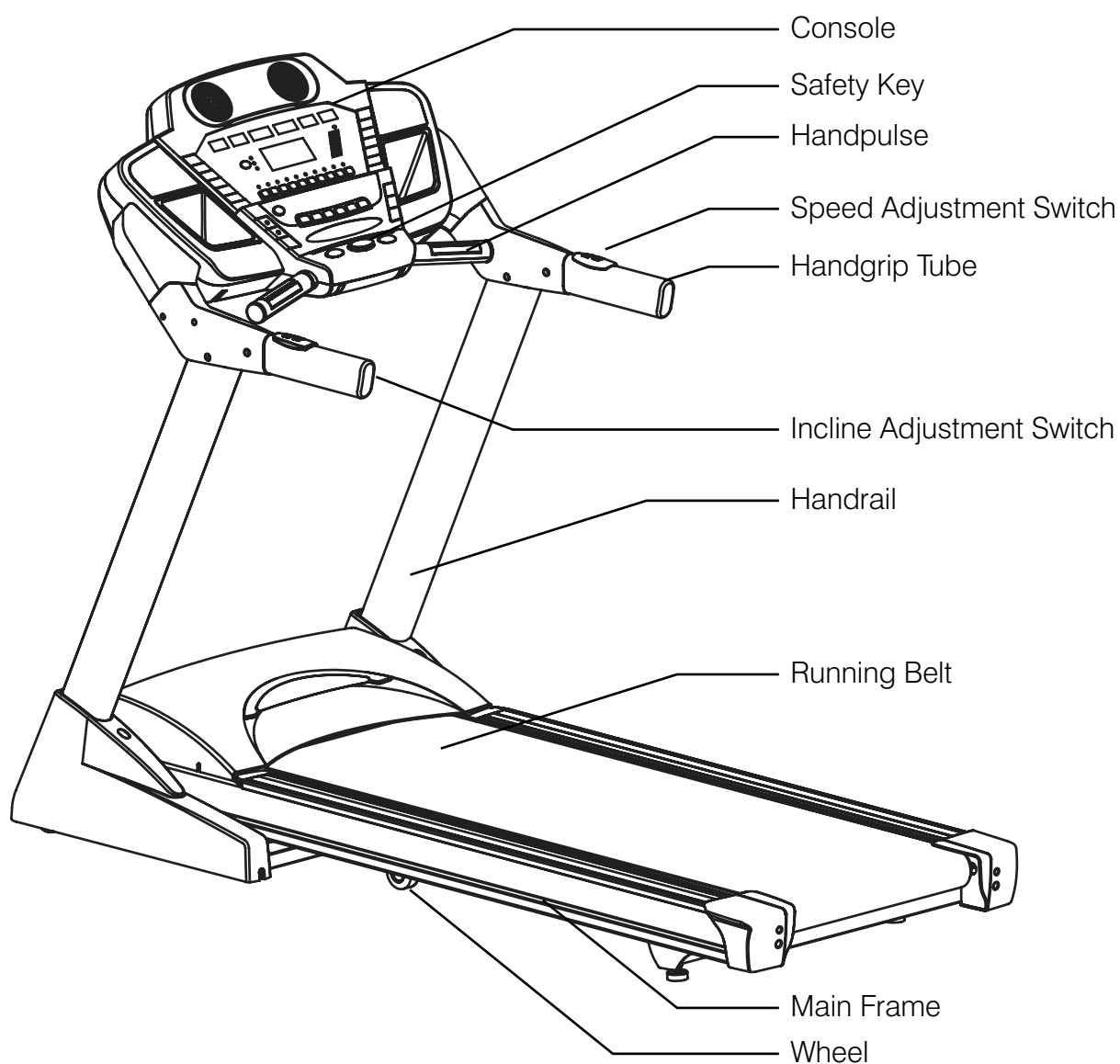
INTRODUCTION

The treadmill has been designed and constructed to provide trouble free usage and enjoyable exercise.

You can greatly improve your understanding and benefits of exercising by carefully reading the instructions given in this manual. Please familiarize yourself with the maintenance advice provided for you.

SPECIFICATIONS

- Drive Motor: 3.0 HP
- Speed Range: 1.0 – 18 kmph
- Running Surface: 510 x 1525 m/m
- Incline Level: 0-15 levels
- Folding Design: Manual



PARTS LIST

No.	Description	Q'ty	No.	Description	Q'ty
10156-01	Main Frame	1	10156-32	Top Frame Cover	1
10156-02	Frame Base	1	10156-33	Bottom Frame Cover	1
10156-03	Incline Bracket	1	10156-34	Motor	1
10156-04	Right Handrail	1	10156-35	Incline Motor	1
10156-05	Left Handrail	1	10156-36	Controller (external connection transformer)	1
10156-06	Console Support	1	10156-37	Speed Cable (Upper 800m/m)	1
10156-07	Inner Slide	1	10156-38	Incline Cable (Upper 800m/m)	1
10156-08	Outer Slide	1	10156-39	Handpulse Assembly	2
10156-09	Clevis Pin	1	10156-39-2	Handpulse Wire, Coiled (650m/m)	1
10156-10	Fastening Bushing	1	10156-39-3	Handpulse Assembly Top	2
10156-11	Link Shaft	1	10156-39-4	Handpulse Assembly Bottom	2
10156-12	Shaft Bushing	2	10156-39-5	Handpulse End Cap	2
10156-13	Fastening Bracket	2	10156-40	Sensor w/Cable (1000m/m)	1
10156-15	Link	1	10156-41	Breaker	1
10156-16	Dual Rota-Spring	1	10156-42	Power Socket	1
10156-17	Release Lever	1	10156-43	On/Off Switch	1
10156-18	ChenChin Rota-Spring	1	10156-44	Power Cord	1
10156-19	Cylinder	1	10156-45	Connecting Wires (Black 100m/m x 764 x 764)	2
10156-20	Drive Belt	1	10156-46	Connecting Wires (White 100m/m x 764 x 764)	1
10156-21	Front Roller W/Pulley	1	10156-47	Connecting Wires (Black 150m/m x 764 x 764)	1
10156-22	Rear Roller	1	10156-48	Computer Cable (Upper 800m/m)	1
10156-23	Running Deck	1	10156-49	Computer Cable (Lower 1150m/m)	1
10156-24	Running Belt	1	10156-50	Computer Cable (Middle 1100m/m)	1
10156-25	Handle Bar Axle Inner Cover	2	10156-51	Ground Wire (1000m/m)	1
10156-27	Steel Rope Drawspring	1	10156-52	Console Assembly	1
10156-28	Wire Clamp	1	10156-52-1	Top Console Cover	1
10156-29	Wire Tie Mount	6	10156-52-2	Bottom Console Cover	1
10156-30	Lubricant	1	10156-52-5	Beverage Holder (Left side)	1
10156-31	Steel Rope	1	10156-52-6	Beverage Holder (Right side)	1
10155-31	Steel Rope	1	10156-52-16	Front Console Cover (Top)	1

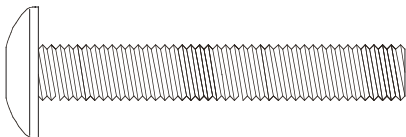
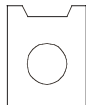
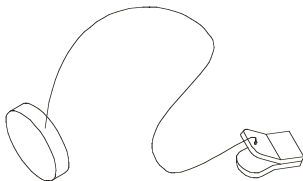
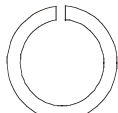
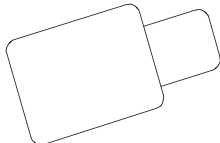
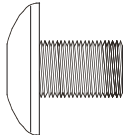
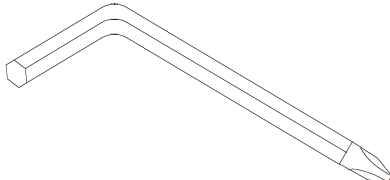
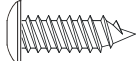
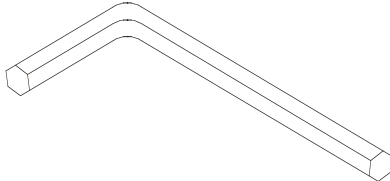
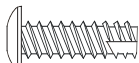
PARTS LIST

No.	Description	Q'ty	No.	Description	Q'ty
10156-52-17	Front Console Cover (Bottom)	1	10156-67	Right Handgrip Side Cap (Right)	1
10156-52-18	Safety Switch Module w/Cable (300m/m)	1	10156-68	Rear Adjustment Base (Left)	1
10156-52-19	Fan	1	10156-69	Rear Adjustment Base (Right)	1
10156-52-20	Deflector Fan Grill	2	10156-70	Motor Cover Anchor	2
10156-52-21	Fan Grill Anchor	4	10156-71	Nylon Washer A (ø10 x ø24 x 3T)	2
10156-52-22	Speaker w/Cable (700m/m)	1	10156-72	Nylon Washer B (ø50 x ø13 x 3T)	4
10156-52-23	Speaker w/Cable (250m/m)	1	10156-73	Foot Pad	2
10156-52-24	Amplifier	1	10156-74	Sensor Rack	1
10156-52-27	Receiver, HR Assembly	1	10156-75	Ellipse Safety Key (800m/m)	1
10156-52-30	Sheet Metal Screw (3.5 x 32m/m)	8	10156-76	Belt Guide	2
10156-52-31	Speaker Iron Net (Left)	1	10156-77	Wheel Sleeve	2
10156-52-32	Speaker Iron Net (Right)	1	10156-78	Magnet (ø10)	2
10156-52-33	Face Plate Lens Cover	1	10156-79	Foot Rail	2
10156-52-35	Badge, Console	1	10156-80	Carriage Bolt (1/2" x 1-1/4")	2
10156-52-36	Power Cord of Amplifier (40cm)	1	10156-81	Hex Head Bolt (1/2" x 1")	2
10156-52-37	Sheet Metal Screw (3 x 10m/m)	2	10156-82	Socket Head Cap Bolt (Alloy Steel 3/8" x 4-1/2")	1
10156-52-39	Console Ground Wire (400m/m)	1	10156-83	Button Head Socket Bolt (3/8" x 3-3/4")	1
10156-53	Top Motor Cover	1	10156-84	Hex Head Bolt (3/8" x 1-1/2")	1
10156-54	Speed Adjustment Switch w/Cable (300m/m)	1	10156-85	Hex Head Bolt (3/8" x 1-1/4")	4
10156-55	Incline Adjustment Switch w/Cable (300m/m)	1	10156-86	Flat Head Socket Bolt (3/8" x 2")	2
10156-56	Cushion	6	10156-87	Button Head Socket Bolt (5/16" x 1")	2
10156-57	Wheel (A)	2	10156-88	Button Head Socket Bolt (5/16" x 2-3/4")	2
10156-58	Wheel (B)	2	10156-89	Hex Head Bolt (M8 x 60m/m)	1
10156-59	Foot Rail Cap (Left)	1	10156-90	Socket Head Cap Bolt (M8 x 80m/m)	2
10156-60	Foot Rail Cap (Right)	1	10156-92	Flat Head Countersink Bolt (M8 x 35m/m)	8
10156-61	Frame Base Cap (Left)	1	10156-93	Phillips Head Screw (M3 x 10m/m)	1
10156-62	Frame Base Cap (Right)	1	10156-94	Phillips Head Screw (M5 x 20m/m)	1
10156-63	Left Handgrip Side Cap (Left)	1	10156-96	Button Head Socket Bolt (5/16" x 42 m/m)	1
10156-65	Left Handgrip Side Cap (Right)	1	10156-97	Nyloc Nut (M5)	1
10156-66	Right Handgrip Side Cap (Left)	1	10156-98	Nyloc Nut (1/2" x 8T)	4

PARTS LIST

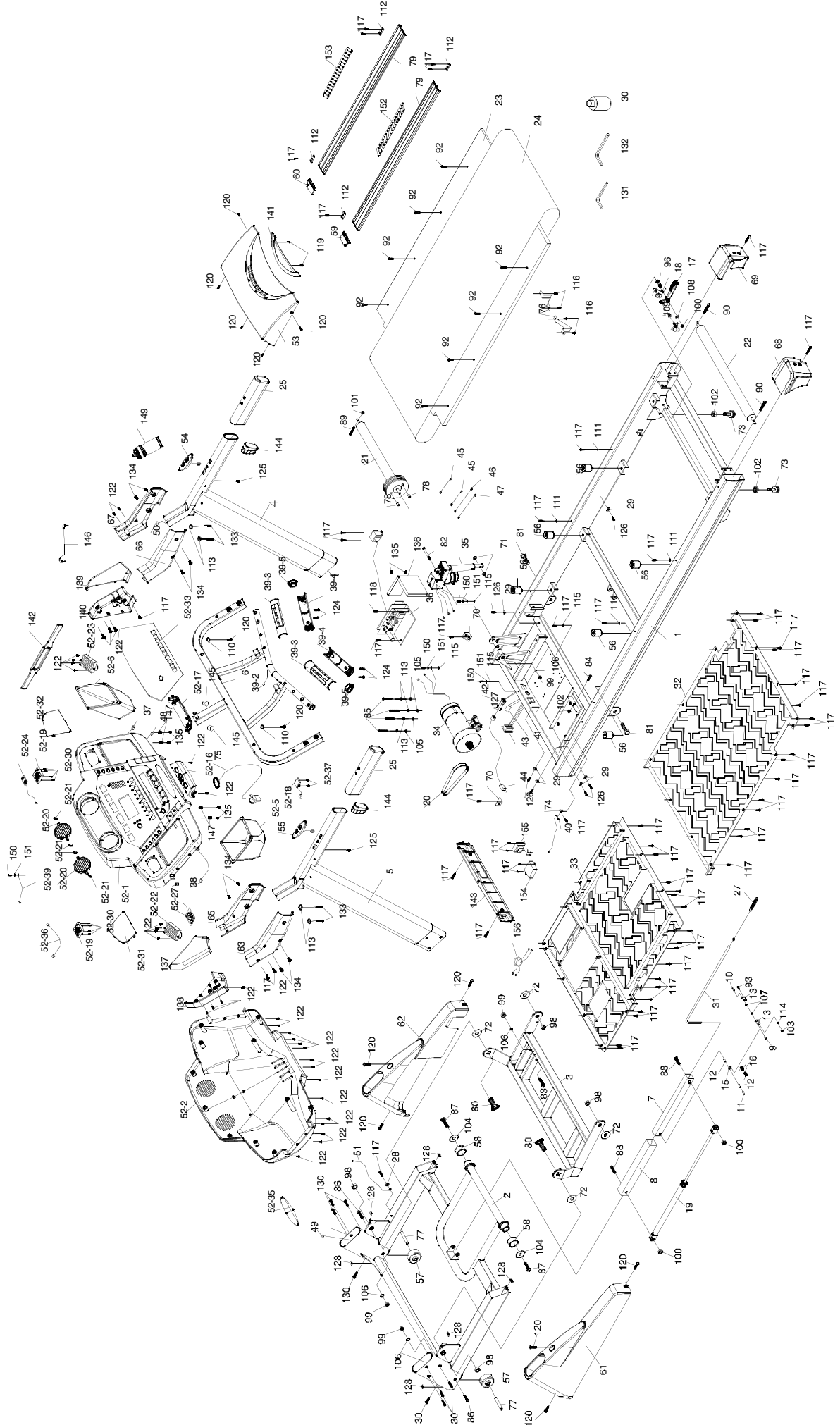
No.	Description	Q'ty	No.	Description	Q'ty
10156-99	Nyloc Nut (3/8" x 7T)	4	10156-132	Allen Wrench (M6)	1
10156-100	Nyloc Nut (5/16" x 6T)	3	10156-133	Button Head Socket Bolt (3/8" x 1-3/4")	4
10156-101	Nyloc Nut (M8 x 8T)	1	10156-134	Phillips Head Screw (M5 x 10m/m)	8
10156-102	Nut (3/8" x 6.5T)	3	10156-135	Sheet Metal Screw (3 x 8m/m)	6
10156-103	Nut (M3)	1	10156-136	Controller Back Plate	1
10156-104	Flat Washer (ø35 x ø5/16" x 1.5T)	2	10156-137	Left Connecting Cap (Top)	1
10156-105	Flat Washer (ø25 x ø10 x 1.5T)	4	10156-138	Left Connecting Cap (Bottom)	1
10156-106	Flat Washer (ø19 x ø10 x 1.5T)	4	10156-139	Right Connecting Cap (Top)	1
10156-107	Flat Washer (ø5 x ø10 x 1.0T)	2	10156-140	Right Connecting Cap (Bottom)	1
10156-108	Flat Washer (ø5/16" x ø18 x 1.5T)	1	10156-141	Top Motor Cover Plate	1
10156-109	Flat Washer (ø5 x ø12 x 1.0T)	1	10156-142	Chest Strap	1
10156-110	Flat Washer (ø5 x ø15 x 1.0T)	2	10156-143	Front Motor Cover	1
10156-111	Nylon Dished Washer (ø6 x ø23 x 13 x 5.5 x 3T)	4	10156-144	Ellipse End Cap	2
10156-112	Concave Washer (ø5.5 x 27 x 60 x 1.0T x 2.5H)	4	10156-145	Bolt Cap (13m/m)	2
10156-113	Split Washer (ø10)	8	10156-146	Audio Cable (400m/m)	1
10156-114	Split Washer (M3)	1	10156-147	Plastic Washer	4
10156-115	Star Washer (M5)	4	10156-149	Drink Bottle	1
10156-116	Sheet Metal Screw (4 x 12m/m)	4	10156-150	Phillips Head Screw (M5 x 10m/m)	4
10156-117	Tapping Screw (5 x 16m/m)	62	10156-151	Split Washer (M5 x 1.5T)	4
10156-118	Tapping Screw (5 x 19m/m)	1	10156-152	Non-Slip Rubber (Left side)	1
10156-119	Sheet Metal Screw (3.5 x 6m/m)	2	10156-153	Non-Slip Rubber (Right side)	1
10156-120	Tapping Screw (5 x 16m/m)	13	10156-154	Choke	1
10156-122	Sheet Metal Screw (3.5 x 12m/m)	35	10156-155	Filter	1
10156-124	Tapping Screw (3 x 10m/m)	4	10156-156	Connecting Cable of Motor (400m/m)	1
10156-125	Sheet Metal Screw (4 x 50m/m)	2			
10156-126	Tapping Screw (3.5 x 16m/m)	6			
10156-127	Sheet Metal Screw (3 x 10m/m)	2			
10156-128	Speed Nut Clip (M5)	6			
10156-130	Button Head Socket Bolt (5/16" x 1/2")	8			
10156-131	Combination M5 Allen Wrench & Phillips Head Screw Driver	1			

HARDWARE PARTS LIST

No.	Description	Q'ty	No.	Description	Q'ty
10156-134	 Phillips Head Screw (M5 x 10m/m)	8pcs	10156-133	 Button Head Socket Bolt (3/8" x 1-3/4")	4pcs
10156-128	 Speed Nut Clip (M5)	6pcs	10156-75	 Ellipse Safety Key	1pc
10156-113	 Split Washer (ø10)	4pcs	10156-30	 Lubricant	1pc
10156-130	 Button Head Socket Bolt (5/16" x 1/2")	8pcs	10156-131	 Combination M5 Allen Wrench & Phillips Head Screw Driver	1pc
10156-122	 Sheet Metal Screw (3.5 x 12m/m)	4pcs	10156-132	 Allen Wrench (M6)	1pc
10156-120	 Tapping Screw (5 x 16m/m)	6pcs			

Above described parts are all the parts you need to assemble this machine. Before you start to assemble, please check the hardware packing to make sure they are included.

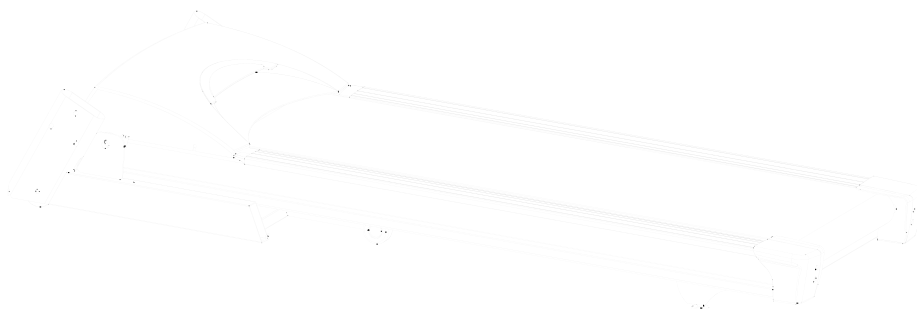
EXPLODED DIAGRAM



ASSEMBLY INSTRUCTION

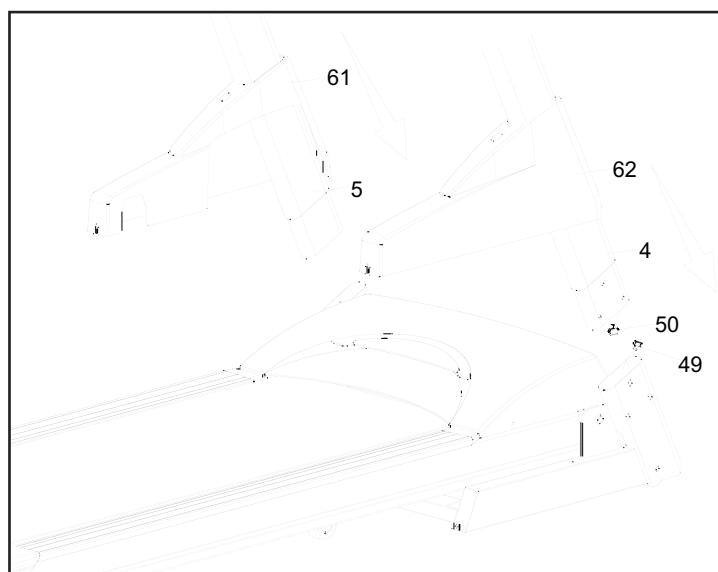
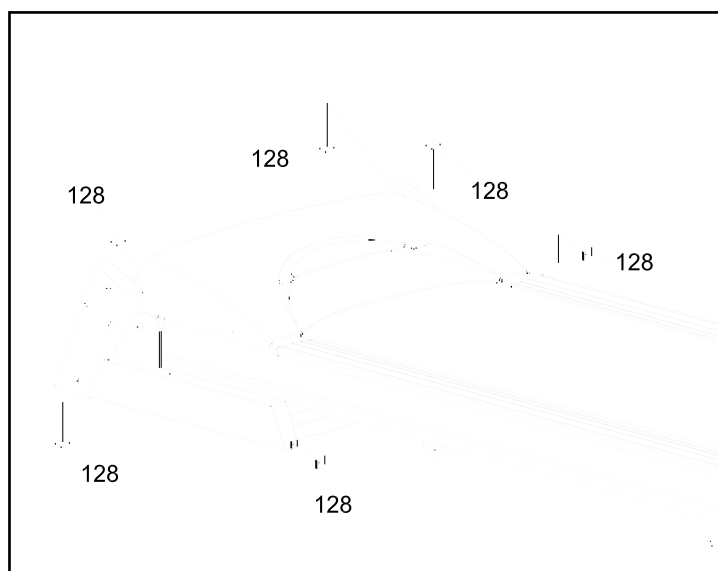
STEP 1

Remove the treadmill from the carton and lay it aside on a hard, level surface.



STEP 2

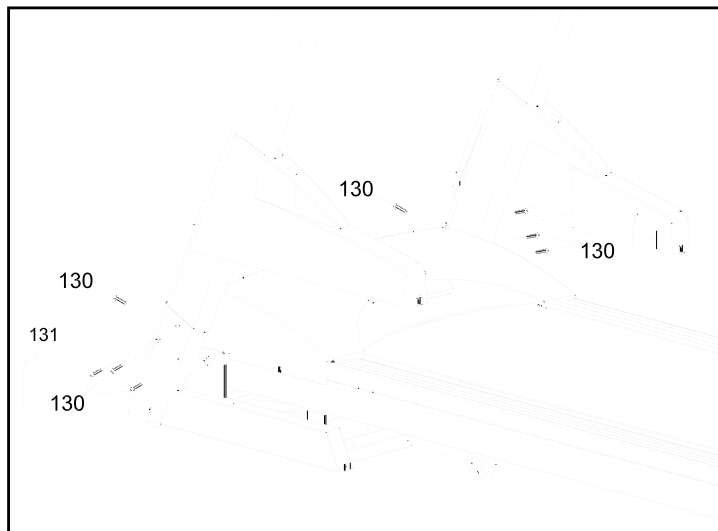
- Install the 6pcs of Speed Nut Clips (128) on the Frame Base left and right side.
- Install the Frame Base Caps (L, R)(61,62) through the Handrails (L, R)(4,5), and connect the Computer Cable (Lower)(49) and Computer Cable (Middle)(50).



ASSEMBLY INSTRUCTION

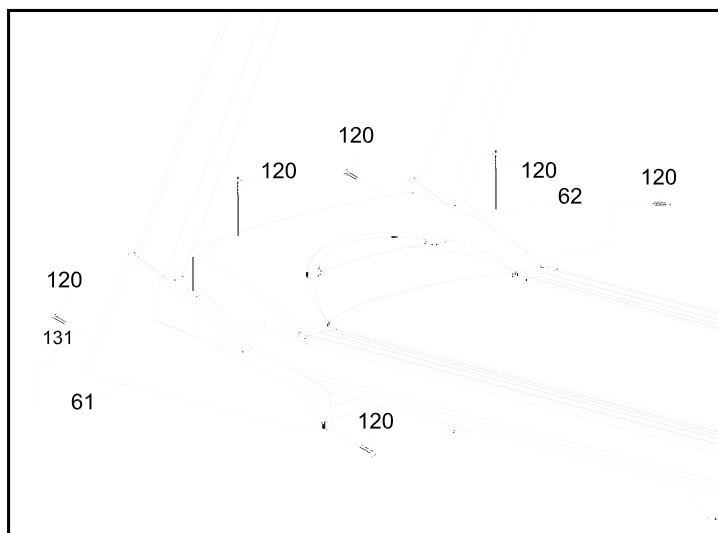
STEP 3

- Install the Handrails (L, R)(4,5) into the Frame Base (2) with the 8pcs of 5/16"x1/2" Button Head Socket Bolts (130) by using the Combination M5 Allen Wrench & Phillips Head Screw Driver (131).



STEP 4

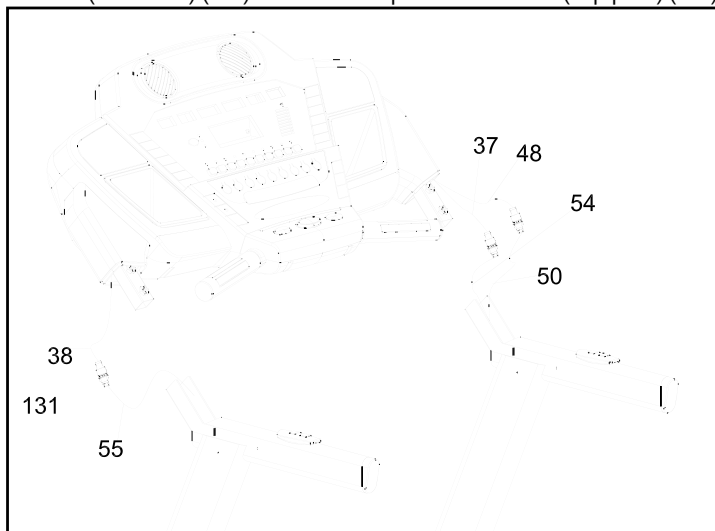
- Install the Frame Base Caps (L, R)(61,62) on the Frame Base (2) with the 6pcs of 5x16mm Tapping Screws (120) by using the Combination M5 Allen Wrench & Phillips Head Screw Driver (131).



ASSEMBLY INSTRUCTION

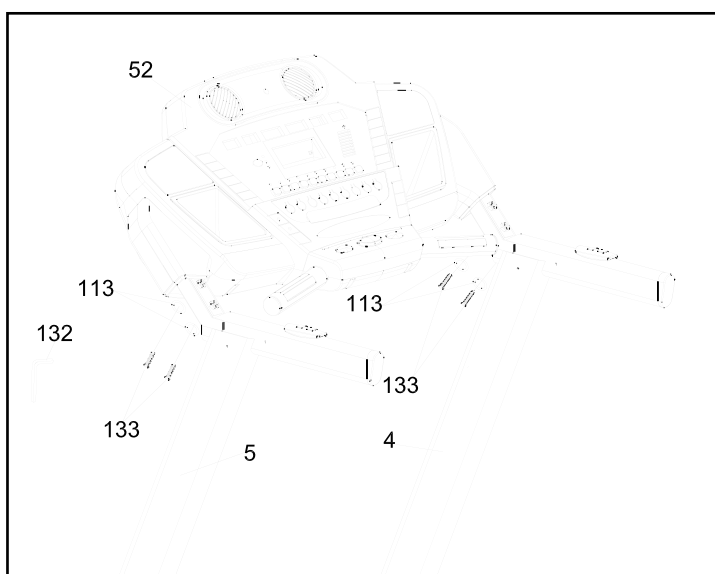
STEP 5

- Connect the Speed Adjustment Switch W/Cable (54) and Speed Cable (Upper)(37).
- Connect the Incline Adjustment Switch W/Cable (55) and Incline Cable (Upper)(38).
- Connect the Computer Cable (Middle)(50) and Computer Cable (Upper)(48).



STEP 6

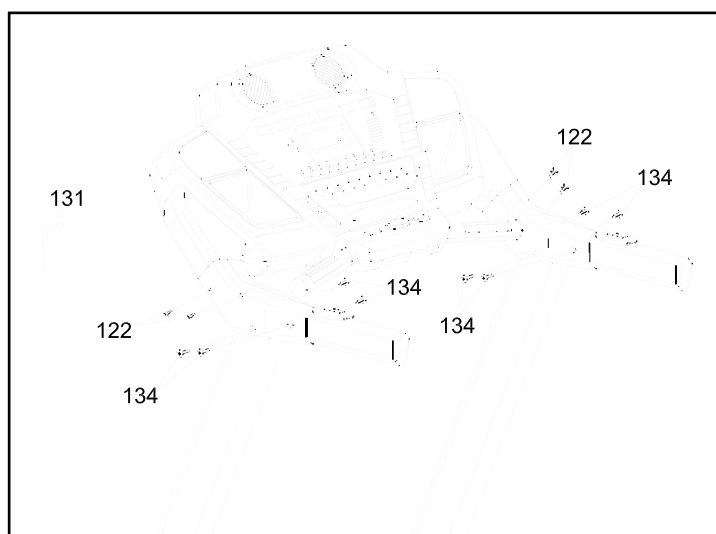
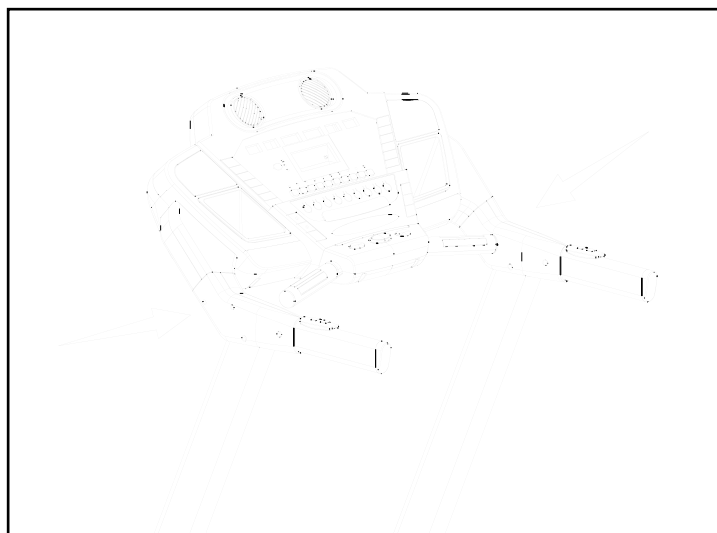
- Install the Console Assembly (52) into the Handrails (L, R)(4,5) with the 4pcs of 3/8"x1-3/4" Button Head Socket Bolts (133) and 4pcs of Ø10 Split Washers (113) by using the M6 Allen Wrench (132).



ASSEMBLY INSTRUCTION

STEP 7

- Install the Left Handgrip Side Caps (L, R)(63,65), Right Handgrip Side Caps (L, R)(66,67) on the Handrails (L, R)(4,5) and Console Support (6) with the 8pcs of M5x10mm Phillips Head Screws (134) and 4pcs of 3.5x 12mm Sheet Metal Screws (122) by using the Combination M5 Allen Wrench & Phillips Head Screw Driver (131).



Note:

Please ensure that all screws have been fully tightened after the components assembly is complete.

COMPUTER OPERATION INSTRUCTIONS



Getting Started:

Power the treadmill on by plugging it into an appropriate wall outlet, then turn on the power switch located at the front of the treadmill below the motor hood. Ensure that the safety key is installed, as the treadmill will not power on without it.

When the power is turned on, all the lights on the display will light for a short time. Then the **Time** and **Distance** windows will display Odometer readings for a short time. The **Time** window will show how many hours the treadmill has been in use and the **Distance** window will show how many kilometers (or miles if the treadmill is set to metric readings; see maintenance for changing settings) the treadmill has gone. A message will be displayed showing the current software version. The treadmill will then enter idle mode, which is the starting point for operation.

Quick-Start Operation:

STEP 1: Press and release any key to start the display (if not already on).

Note: Installing the tether key will also start the console.

STEP 2: Press and release the **Start** key to begin belt movement at 1.0 km (0.5 mph), then adjust to the desired speed using the **Fast / Slow** keys (console or hand rail). You may also use the rapid speed keys 2 through 12 to set to a specific speed directly.

STEP 3: To slow tread-belt press and hold the **Slow** key (console or hand rail) to the desired speed. You may also press the rapid speed adjust keys, 2 through 12.

STEP 4: To stop the tread-belt press and release red **Stop** key.

COMPUTER OPERATION INSTRUCTIONS

Treadmill Features:

Pause/Stop/Reset:

STEP 1: When the treadmill is running the pause feature may be utilized by pressing the red **Stop** key once. This will slowly decelerate the tread-belt to a stop. The incline will go to zero percent. The Time, Distance and Calorie readings will hold while the unit is in the pause mode. After 5 minutes the display will reset and return to the start up screen.

STEP 2: To resume your exercise when in Pause mode, press the Start key. The speed and incline will return to their previous settings.

- Pressing the **Stop** key twice will end the program and a workout summary will be displayed. If the Stop button is pressed a third time, the console will return to the idle mode (start up) screen. If the Stop button is held down for more than 3 seconds the console will reset.

Incline:

- Incline may be adjusted anytime after the belt starts moving.
- Press and hold the **Adjust ▲▼** keys (console or hand rail) to achieve desired level of effort. You may also choose a more rapid increase / decrease by selecting desired key, 2 through 12, on left hand side of console (incline).
- The display will indicate incline numbers as percent of gradient (the same as gradient of a road) as adjustments are made.

Dot Matrix Center Display (Manual Operation):

Ten rows of tri-color dots indicate each level of a workout. The dots are only to show an approximate level (speed/incline) of effort. They do not necessarily indicate a specific value - only an approximate percent to compare levels of intensity. In Manual Operation the Speed / Incline dot matrix window will build a profile "picture" as values are changed during a workout. There are twenty-four columns, which indicate time. The 24 columns are divided into 1/24th of the total time of the program. When the time is counting up from zero (as in quick start) each column represents 1 minute.

Next to the Dot Matrix window are three LED lights labeled: Track, Speed and Incline, along with a display button. When the Track LED is lit the dot matrix displays the Track profile, when the Speed LED is lit the Dot matrix displays the Speed profile and when the Incline LED is lit the Dot Matrix displays the Incline profile. You may change the Dot Matrix profile view by pressing the Display button. After scrolling through the three profiles the Dot matrix will automatically scroll through the three displays showing each one for four seconds. The LED associated with each profile will blink while that view is displayed. One more press of the Display button will return you to the Track profile.

COMPUTER OPERATION INSTRUCTIONS

0.4 km (1/4-mile) Track:

The 0.4 km track (1/4-mile) will be displayed around the dot matrix window. The flashing dot indicates your progress. In the center of the track there is a lap counter for reference.

Pulse Grip Feature:

The Pulse (Heart Rate) window will display your current heart rate in beats per minute during the workout. You must use both left and right stainless steel sensors on the front cross bar to pick up your pulse. Pulse values are displayed anytime the computer is receiving a Grip Pulse signal. You may not use the Grip Pulse feature while in Heart Rate Control. Note: Refer to Important Safety Instructions (page 3) concerning Pulse Grip operation. The grip sensors may not be accurate when you are running on the treadmill.

Calorie Display:

Displays the cumulative calories burned at any given time during your workout. Note: This is only a rough guide used for comparison of different exercise sessions, which cannot be used for medical purposes.

Auto-Pilot feature:

This unique feature allows the user to instantly enter the Heart Rate Control mode at any time with the press of a button.

The HR2 program button also doubles as the Auto-Pilot button.

During any program the user may press the Auto-Pilot button to enter the HRC program. Your current heart rate (the heart rate you are at when you press Auto-Pilot) will be maintained automatically by the Auto-Pilot program. You may press the elevation/incline up or down buttons to change your target heart rate while in the Auto-Pilot mode.

To Turn Treadmill Off:

The display will automatically turn off (blank out) after 30 minutes of inactivity. This function is called sleep mode. In sleep mode, the treadmill will power down most everything except for a minimum of circuitry for detecting key presses and the safety key so it will start up again if these are activated.

There is only a tiny amount of current used in sleep mode (about the same as your TV when it is turned off) and it is perfectly fine to leave the main power switch on in sleep mode.

Of course you may also remove the safety key or turn off the main power switch to power down the treadmill.

Optional / Speakers:

There is an Audio Input Jack on the front of the console and built-in speakers. You may plug any low-level audio source signal into this port. Audio sources include MP3, Ipod, portable radio, CD player or even a TV or computer audio signal. There is an audio patch cable included and also a headphone jack for private listening.

COMPUTER OPERATION INSTRUCTIONS

Programmable Features

The Series of treadmills offer five preset programs, two user defined programs, two heart rate control programs and one Manual program.

To Select and start a Program:

- STEP 1:** Press the desired program from the 10 available program keys. Then press the enter key to begin customizing the program with your personal data, or just press the start key to begin the program with the default settings.
- STEP 2:** After selecting a program and pressing enter to set your personal data, the **Time** window will blink with the default value of 20 minutes. You may use any of the up/down keys to adjust the time. After adjusting the time, press enter. (Note: You may press start at any time during the programming to begin with only settings you have modified at that point).
- STEP 3:** The **Calorie** window will now be blinking a value, indicating your **Body Weight**. Entering the correct body weight will affect the calorie count. Use the Up/Down keys to adjust, and then press enter.
- * A note about the **Calorie** display: No exercise machine can give you an exact calorie count because there are too many factors which determine exact calorie burn for a particular person. Even if someone is the exact same body weight, age and height, their calorie burn may be very different than yours. The Calorie display is to be used as a reference only to monitor improvement from workout to workout.
- STEP 4:** The **Heart Rate** window will now be blinking a value, indicating your Age. Entering your correct age affects the heart rate **Bar Graph Display** and the **Heart Rate Control** programs. Use the Up/Down keys to adjust, and then press enter. Your age determines the maximum heart rate you may achieve. Since the Bar Graph Display and the Heart Rate control features are based on a percentage of your maximum heart rate, it is important to enter the correct age for these features to work properly.
- STEP 5:** The **Speed** window will now be blinking, showing the preset top speed of the selected program. Use the Up/Down keys to adjust, and then press enter. Each program has various speed changes throughout; this allows you to limit the highest speed the program will attain during your workout.

Now press the Start key to begin your workout.

COMPUTER OPERATION INSTRUCTIONS

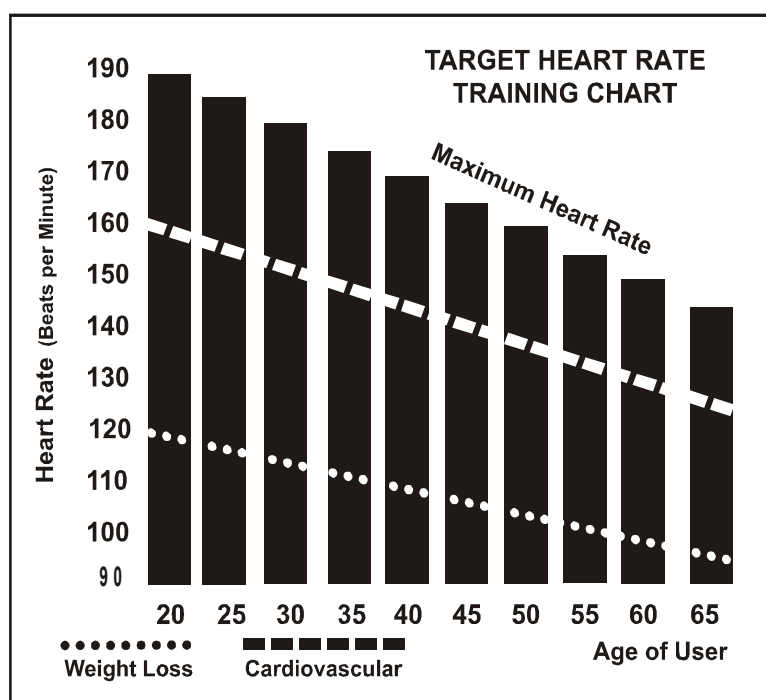
User Programs:

- STEP 1:** Select User 1 or User 2 via the **PROGRAM** keypad then press **Enter**. Note that the dot matrix display portion will light a single row of dots at the bottom (Unless there is a previously saved program).
- STEP 2:** The clock (Time) window will be flashing. Use the up and down adjustment keys to set the program for the desired time. Press the **ENTER** key. This is a must to continue even if the time is not adjusted.
- STEP 3:** The Calorie window will now be blinking, indicating a bodyweight value. Adjust the number to your bodyweight value and press enter.
- STEP 4:** The Pulse window will now be blinking an Age value. Adjust the age and press enter.
- STEP 5:** The first speed setting column (segment) will now be blinking. Using the **Fast / Slow** keys, adjust the speed to your desired effort level for the first segment then press enter. The second column will now be blinking. Note that the previous segment value has been carried over to the new segment. Repeat the above process until all segments have been programmed.
- STEP 6:** The first column will be blinking again. The console is now ready for the incline settings. Repeat the same process used to set the speed values for programming the segments for incline.
- STEP 7:** Press the **Start** button to begin the workout and also save the program to memory.

PROGRAMMABLE OPERATION OF YOUR TREADMILL

The old motto, “no pain, no gain”, is a myth that has been overpowered by the benefits of exercising comfortably. A great deal of this success has been promoted by the use of heart rate monitors. With the proper use of a heart rate monitor, many people find that their choice of exercise intensity is either too high or too low and exercise is much more enjoyable by maintaining their heart rate in the desired benefit range.

To determine the benefit range in which you wish to train, you must first determine your Maximum Heart Rate. This can be accomplished by using the following formula: $220 - \text{User's Age} = \text{Maximum Heart Rate}$. If you enter your age during programming of the console the console will perform this calculation automatically. This is used for the HR control programs and also for the Heart rate bar graph. After calculating your Maximum Heart Rate, you can decide upon which goal you would like to pursue. The two most popular reasons for, or goals of exercise, are cardiovascular fitness (training for



the heart and lungs) and weight control. The black columns on the chart above represent the Maximum Heart Rate for a person whose age is listed at the bottom of each column. The heart rate training zone for either cardiovascular fitness or weight loss is represented by two different lines, which cut diagonally through the chart. A definition of the lines' goal is in the bottom left-hand corner of the chart. If your goal is cardiovascular fitness or if it is weight loss, it can be achieved by training at 80% or 60%, respectively, of your Maximum Heart Rate on a schedule approved by your physician. Consult your physician before participating in any exercise program. With all Heart Rate Control treadmills you may use the heart rate monitor feature without using the Heart Rate Control program. This function can be used during manual mode or during any of the nine different programs. The Heart Rate Control program automatically controls incline.

CAUTION!

The target value used in H-1 and H-2 programs is a suggestion only for normal, healthy individuals. Do not exceed your limits! You may not be able to obtain your chosen target. If in question, enter a higher age value that will set a lower target goal.

PROGRAMMABLE OPERATION OF YOUR TREADMILL

Using a Heart Rate Transmitter

How to wear your wireless chest strap transmitter:

1. Attach the transmitter to the elastic strap using the locking parts.
2. Adjust the strap as tightly as possible as long as the strap is not too tight to remain comfortable.
3. Position the transmitter with the logo centered in the middle of your body facing away from your chest (some people must position the transmitter slightly left of center). Attach the final end of the elastic strap by inserting the round end and, using the locking parts, secure the transmitter and strap around your chest.
4. Position the transmitter immediately below the pectoral muscles.
5. Sweat is the best conductor to measure very minute heart beat electrical signals. However, plain water can also be used to pre-wet the electrodes (2 black square areas on the reverse side of the belt and either side of transmitter). It's also recommended that you wear the transmitter strap a few minutes before your work out. Some users, because of body chemistry, have a more difficult time in achieving a strong, steady signal at the beginning. After "warming up", this problem lessens. As noted, wearing clothing over the transmitter/strap doesn't affect performance.
6. Your workout must be within range - distance between transmitter/receiver – to achieve a strong steady signal. The length of range may vary somewhat but generally stay close enough to the console to maintain good, strong, reliable readings. Wearing the transmitter immediately against bare skin assures you of proper operation. If you wish, you may wear the transmitter over a shirt. To do so, moisten the areas of the shirt that the electrodes will rest upon.

Note: The transmitter is automatically activated when it detects activity from the user's heart. Additionally, it automatically deactivates when it does not receive any activity. Although the transmitter is water resistant, moisture can have the effect of creating false signals, so you should take precautions to completely dry the transmitter after use to prolong battery life (estimated transmitter battery life is 2500 hours). The replacement battery is Panasonic CR2032.

Erratic Operation:

Caution! Do not use this treadmill for Heart Rate Control unless a steady, solid Actual Heart Rate value is being displayed. High, wild, random numbers being displayed indicate a problem.

Areas to look at for interference:

- (1) Treadmill not properly grounded - A must!
- (2) Microwave ovens, TV's, small appliances, etc.
- (3) Fluorescent lights.
- (4) Some household security systems.
- (5) Perimeter fence for a pet.
- (6) Loose bolts on the treadmill console or upright tubes.
- (7) The antenna that picks up your heart rate is very sensitive. If there is an outside noise source, like a radio/cell tower or high tension electric power lines, turning the whole machine 90 degrees may de-tune the interference.

WARNING!

DO NOT USE THE HEART RATE CONTROL PROGRAM IF YOUR HEART RATE IS NOT REGISTERING PROPERLY ON THE TREADMILL'S DISPLAY!

PROGRAMMABLE OPERATION OF YOUR TREADMILL

Rate of Perceived Exertion

Heart rate is important but listening to your body also has a lot of advantages. There are more variables involved in how hard you should workout than just heart rate. Your stress level, physical health, emotional health, temperature, humidity, the time of day, the last time you ate and what you ate, all contribute to the intensity at which you should workout. If you listen to your body, it will tell you all of these things.

The rate of perceived exertion (RPE), also know as the Borg scale, was developed by Swedish physiologist G.A.V. Borg. This scale rates exercise intensity from 6 to 20 depending upon how you feel or the perception of your effort.

The scale is as follows:

Rating Perception of Effort

- 6 Minimal
- 7 Very,very light
- 8 Very,very light +
- 9 Very light
- 10 Very light +
- 11 Fairly light
- 12 Comfortable
- 13 Somewhat hard
- 14 Somewhat hard +
- 15 Hard
- 16 Hard +
- 17 Very hard
- 18 Very hard +
- 19 Very,very hard
- 20 Maximum

You can get an approximate heart rate level for each rating by simply adding a zero to each rating. For example a rating of 12 will result in an approximate heart rate of 120 beats per minute. Your RPE will vary depending up the factors discussed earlier. That is the major benefit of this type of training. If your body is strong and rested, you will feel strong and your pace will feel easier. When your body is in this condition, you are able to train harder and the RPE will support this. If you are feeling tired and sluggish, it is because your body needs a break. In this condition, your pace will feel harder. Again, this will show up in your RPE and you will train at the proper level for that day.

PROGRAMMABLE OPERATION OF YOUR TREADMILL

Heart Rate Control

Selecting a Heart Rate Control Program:

You have the option, during the setup mode, to choose either the Weight Control (HR-1) program or the Cardiovascular (HR-2) program. The Weight Control program will maintain your heart rate at 60% of your Maximum Heart Rate. The Cardiovascular program will maintain your heart rate at 80% of your Maximum Heart Rate. Your Maximum Heart Rate is based upon a formula that subtracts your age from a constant of 220. Your HR setting is automatically calculated during the setup mode when you enter your age.

CAUTION!

The target value used in HR-1 and HR-2 programs is a suggestion only for normal, healthy individuals. Do not exceed your limits! You may not be able to obtain your chosen target. If in question, enter a higher age value that will set a lower target goal.

Heart Rate Control programming

CAUTION!

Heart rate programs are intended for wireless transmitter chest strap only. Do not use Pulse Grip bar for Heart Rate Control. You must receive a strong / steady value in heart rate window or the program will not start.

STEP 1: Press HR1 or HR2 button, and then press Enter.

STEP 2: The Calorie will now be blinking showing bodyweight. Adjust and press enter or press enter to accept default.

STEP 3: The Pulse window will now be blinking showing age. Adjust and press enter or press enter to **accept default. Adjusting Age will change the Target HR value.**

STEP 4: The Time window will now be blinking. Adjust the time and press enter.

STEP 5: Press Start to begin program.

During the program you may increase or decrease the target heart rate by pressing the elevation/incline up or down buttons.

PROGRAMMABLE OPERATION OF YOUR TREADMILL

Calibration procedure:

1. Remove the safety key
2. Press and hold down the Start and Fast (speed up) buttons with one hand and replace the safety key with the other. Continue to hold the Start and Fast key until the window displays "Factory settings", then press the enter key.
3. You will now be able to set the display to show Metric or English settings. To do this press the up or down key to show which you want, then press enter.
4. Make sure the wheel size diameter is 2.810 then press enter
5. Adjust the minimum speed (if needed) to **1.0 km (0.5mile)** and then press enter
6. Adjust the maximum speed (if needed) to **18.0 km (12 mile)** and then press enter
7. Adjust the maximum elevation (if needed) to 15 and then press enter
8. Press start to begin calibration. The process is automatic; the speed will start up without warning so do not stand on the belt.

Adjusting the speed sensor:

If the calibration does not pass you may need to check the speed sensor alignment.

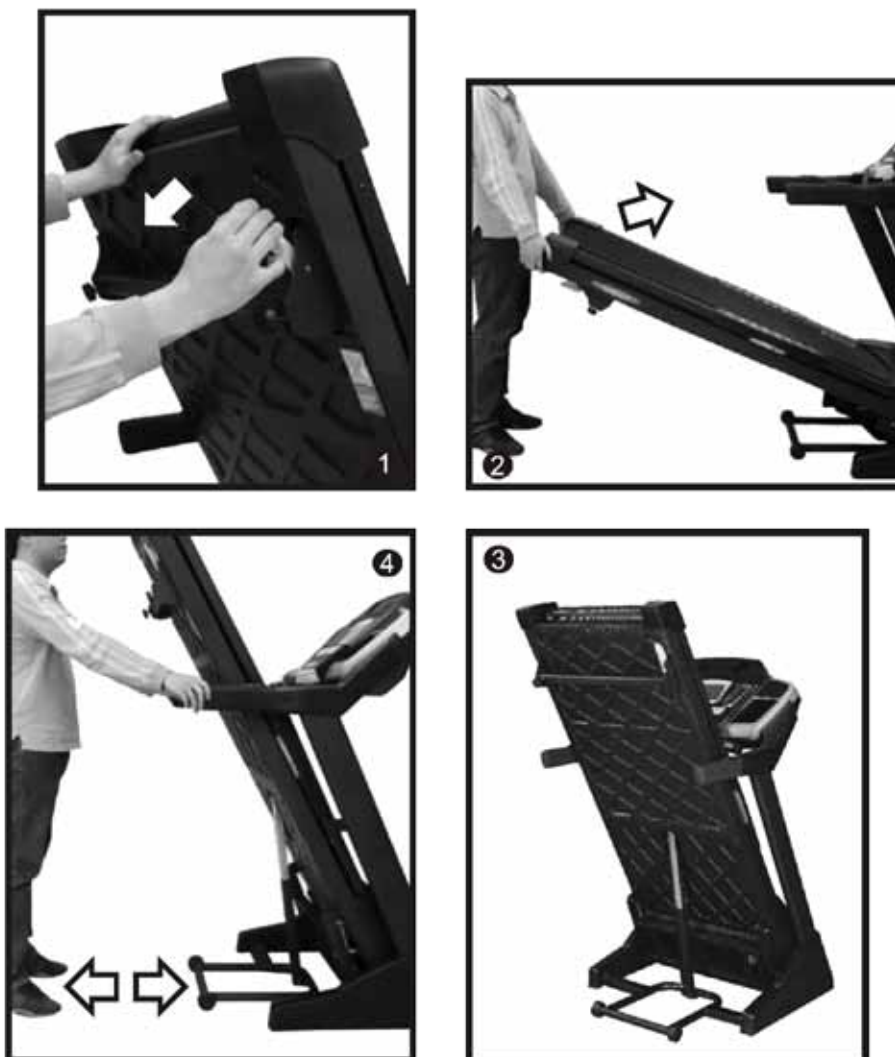
1. Remove the motor cover hood by loosening the 4 screws that hold it in place (you do not need to remove them completely).
2. The speed sensor is located on the left side of the frame, right next to the front roller pulley (the pulley will have a belt around it that also goes to the motor). The speed sensor is small and black with a wire connected to it.
3. Make sure the sensor is as close as possible to the pulley without touching it. You will see a magnet on the face of the pulley; make sure the sensor is aligned with the magnet. There is a screw that holds the sensor in place that needs to be loosened to adjust the sensor. Re-tighten the screw when finished.

PROGRAMMABLE OPERATION OF YOUR TREADMILL

Maintenance menu:

1. Press and hold the Start, Stop and Enter key at the same time, until the display shows "Engineering mode" (it may say maintenance menu, depending on version). Press the Enter key.
2. You can now scroll through the menu using the up and down keys. Use the Stop key to return to previous menu selection. The menu selections are:
 - a. **Calibration** (used to verify calibration)
 - b. **Factory settings** (These should not be changed unless instructed by the service department)
 - c. **Security** (This allows you to lock the console keyboard)
 - d. **Functions**
 - i. **Sleep** (turns sleep mode on or off)
 - ii. **Pause** (turns pause mode on or off)
 - iii. **Maintenance** (reset lube message and odometer readings)
 - iv. **Units** (set display to English or Metric readings)
 - v. **Grade return** (returns the elevation to lowest setting when pause is pressed)
 - e. **Display test** (lights all LED lights for testing)
 - f. **Key test** (tests that all keys are functioning)

UNFOLDING/FOLDING AND TRANSPORT



Do not attempt to move the unit unless it is in the folded and locked position. Be sure the power cord is secured to avoid possible damage. Use both handrails to maneuver the unit to the desired position.

Unfolding The Treadmill:

Apply slight forward pressure* on the treadmill running deck with one hand. Pull down on the unlocking lever and slowly lower the running deck to the floor. The deck will lower unassisted when it reaches about waist high. (As shown Figure 1.)

*At the rear roller area to relieve pressure on the locking system.

Folding The Treadmill:

Make certain the treadmill is at minimum incline. Lift the treadmill running deck until it is secured by the locking telescoping tube assembly in center back of base.

(As shown Figure 2&3.)

Transport

The treadmill is equipped with four transport wheels which are engaged when the treadmill is folded. After folding simply roll the treadmill away. (As shown Figure 4.)

BELT TRACKING ADJUSTMENT



If during use you notice that walking belt either shifts to the right or the left of center, first remove "Safety Key" and unplug equipment from AC power source. Using M6 Allen wrench provided, turn left rear roller adjustment as indicated below clockwise no more the 1/4" of a turn. Remove M6 Allen wrench, insert "Safety Key" and insert AC power cord into AC outlet. Turn on your treadmill and observe after running a few minutes to see if problem has been corrected. This may take several adjustments, so repeat the above procedure.

TREADMILL LUBRICATION



Your treadmill should require little maintenance other than periodically applying lubricant. Lubricating under the running belt will ensure superior performance and extend its life expectancy.

HOW TO CHECK THE RUNNING BELT FOR PROPER LUBRICATION?

Lift one side of the running belt and feel the top surface of the deck.

If the surface is slick to the touch, then no further lubrication is required.

If the surface is dry to the touch, apply one packet of lubricant or half of the bottle of lubricant.

HOW TO APPLY LUBRICANT?

1. Lift one side of treadbelt.
2. Pour one half of the lubricant bottle under the center of the treadbelt on the top surface of the deck.
3. Walk on the treadmill at a slow speed for 3 to 5 minutes to evenly distribute lubricant.

NOTE: DO NOT over lubricate treadmill. Any excess lubricant that comes out should be wiped off.

IMPORTANT: NEVER USE MORE THAN HALF THE BOTTLE OF LUBRICANT PER APPLICATION LUBRICATION SCHEDULE.

1. It is best to lubricate your treadmill before you use it for the first time.
2. If you do not lubricate your treadmill before you use it for the first time, you should lubricate it after the first 25 hours of use (2-3 months).
3. After 180 hours or 1000km of use, apply half a bottle of lubricant.

EXERCISE INSTRUCTIONS

Using your TREADMILL will provide you with several benefits. It will improve your physical fitness, tone muscle and in conjunction with a calorie controlled diet, help you lose weight.

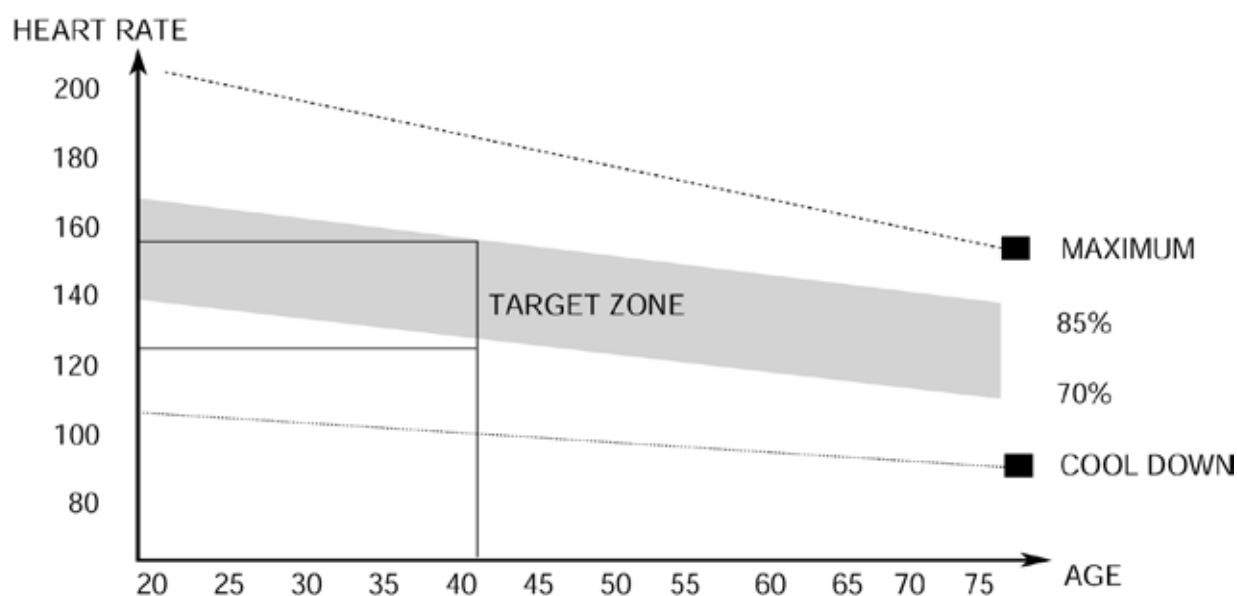
1. The Warm Up Phase

This stage helps get the blood flowing around the body and the muscles working properly. It will also reduce the risk of cramp and muscle injury. It is advisable to do a few stretching exercises as shown below. Each stretch should be held for approximately 30 seconds, do not force or jerk your muscles into a stretch - if it hurts, STOP.



2. The Exercise Phase

This is the stage where you put the effort in. After regular use, the muscles in your legs will become more flexible. Work to your own pace but try to maintain a steady tempo throughout. The rate of work should be sufficient to raise your heart beat into the target zone shown on the graph below.



This stage should last for a minimum of 12 minutes though most people start at about 15-20 minutes.

EXERCISE INSTRUCTIONS

3. The Cool Down Phase

This stage is to let your Cardio-vascular System and muscles wind down. This is a repeat of the warm up exercise, however reduce your tempo and continue for approximately 5 minutes. The stretching exercises should now be repeated, again remembering not to force or jerk your muscles into the stretch.

As you get fitter you may need to train longer and harder. It is advisable to train at least three times a week, and if possible space your workouts evenly throughout the week.

MUSCLE TONING

To tone muscle while on your TREADMILL you will need to have the resistance set quite high. This will put more strain on your leg muscles and may mean you cannot train for as long as you would like. If you are also trying to improve your fitness you need to alter your training program. You should train as normal during the warm up and cool down phases, but towards the end of the exercise phase you should increase resistance making your legs work harder. You will have to reduce your speed to keep your heart rate in the target zone.

WEIGHT LOSS

The important factor here is the amount of effort you put in. The harder and longer you work the more calories you will burn. Effectively, this is the same as if you were training to improve your fitness, the difference is the goal.

SPIRIT 1 YEAR LIMITED WARRANTY

Masstores (Pty) Ltd ("the Supplier") hereby provides a limited warranty to the original purchaser of this product ("the Consumer") that this product will be free of manufacturing defects in materials and workmanship which under normal, personal, family or household use (commercial use expressly excluded) manifest themselves within the following stipulated periods from the date of purchase:

Exclusions

The warranty does not include and will not be construed to cover products damaged as a result of disaster, misuse, commercial use, use not in accordance with the written instructions included with the product, abuse, and/or any non-authorised modification of the product. It also does not cover replacement of the light bulbs and other expendables. All demo models carry a 3 month warranty.

Waiver

The warranty provided herein and the obligations of the Supplier are in lieu of, and the Customer waives, all other warranties, guarantees, conditions or liabilities, express or implied, arising by law or otherwise, including without limitation, any obligation of the Supplier in respect of any injury, loss or damage (direct, indirect or consequential) arising out of the use of, or inability to use, this product and whether or not occasioned by the Supplier's negligence or any act of omission on its part.

CLAIMS UNDER 1 YEAR LIMITED WARRANTY

- **Within 7 days of purchase:**

The faulty product will be exchanged (provided that the product is in its original packaging with all accessories).

- **After 7 days but within 3 months of purchase:**

The Supplier may in its sole discretion either replace or repair the product.

- **After 3 months but within 1 year of purchase:**

The Supplier may in its sole discretion either replace or repair the product. The following shall not be covered:

TREADMILLS : Running Decks, Running Belts, and Rubber Arm covers

EXERCISE BIKES / SPINNERS : Pedals, Cranks, Seats and Rubber Arm covers

CROSS TRAINERS / ELLIPTICALS / STEPPERS : Foot Rests, Cranks, Shocks, and Rubber / Foam Arm
Covers

HOME GYMS : Pulleys, Cables, Seats and Padding

ROWERS : Rowing Strap / Rope /Arms, Pulling Handle, Grip, Moveable Seat

VIBRATION TRAINERS : Platform / Rubber Arm Cover / Resistance Bands

Parts not mentioned in the above, are covered under warranty within the 1st year of purchase.

SPIRIT REPAIRS PROCEDURE

1. Procedure for repairs

Should you experience any faults or breakdowns on your Spirit equipment, please adhere to the following procedure to have the fault rectified speedily and professionally.

- Do not return the product to the store.
- Call the Service Centre to log the faulty product (under warranty or out of warranty).
- The operator or technical advisor will try to identify the fault and will book a service.
- The service team will take the faulty product back to the service centre.
- Once the item has been repaired it will be returned to the Consumer's home on an agreed date and time.

Note: Should you live in an outlying area, it may be necessary to return the product to the store nearest to you. Our service operator will advise you of your repair procedure.

2. Cost of repairs

2.1. Under warranty

- Any items still under warranty will be repaired free of charge, as long as it complies with the terms and conditions of the warranty (refer to "warranties" section of this manual).
- Any items that need to be repaired that are NOT covered in the warranty will be for the Consumer's expense. A quote for the repair/replacement of these items will be provided to the Consumer for approval prior to repairs being conducted.

2.2. Out of warranty

- Any items that need to be repaired once the warranty has expired will be for the Consumer's expense, including call-out fees. A quote for the repair/replacement of these items will be provided to the Consumer for approval prior to repairs being conducted.

SERVICE CENTRE NUMBER

For immediate help with assembly or for additional product information, please call our service centre:



(DBN) 031 702 5784 (JHB) 011 907 1660

(CT) 021 934 0862 (PE) 041 487 0573

please have your model name ready when you call us.

PROOF OF PURCHASE

Any claim in terms of the warranty must be supported by a proof of purchase or a warranty number. Warranty numbers can be issued through contacting our Service Centre. If such proof is not available, then notwithstanding anything to the contrary herein, the service agent's prevailing charges for services / repairs including call-out and / or spares will be payable by the Consumer upon collection or delivery of the repaired product.

The Consumer does not need to return the product to the store.

The Consumer shall phone the Service Centre and the Supplier's authorized agent will collect and repair the item at their premises.

During the warranty period the product may only be serviced and/or repaired by the Supplier's duly authorized agent(s).



ATTACH RECEIPT

CLIENT DETAILS:

Name:

E-mail: Cell:

Tel (h): Tel(w):

Address:

.....

.....

.....

PRODUCT DETAILS:

Date of Purchase Serial number

Till slip number:

Description of product:

.....

Branch purchased at:

.....

Masstores (pty) Ltd
16 Peltier Drive, Sunninghill
Sandton, Johannesburg, South Africa

