

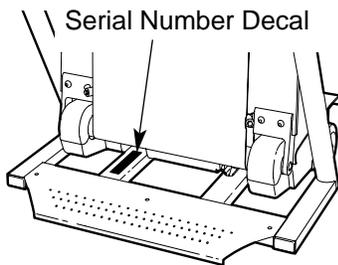
# **NordicTrack**<sup>®</sup> **3100 R**

Patent Pending

Model No. NTL15921

Serial No. \_\_\_\_\_

Find the serial number in the location shown below. Write the serial number in the space above for reference.



## QUESTIONS?

If you have questions, or if there are missing parts, we will guarantee complete satisfaction through direct assistance from our factory.

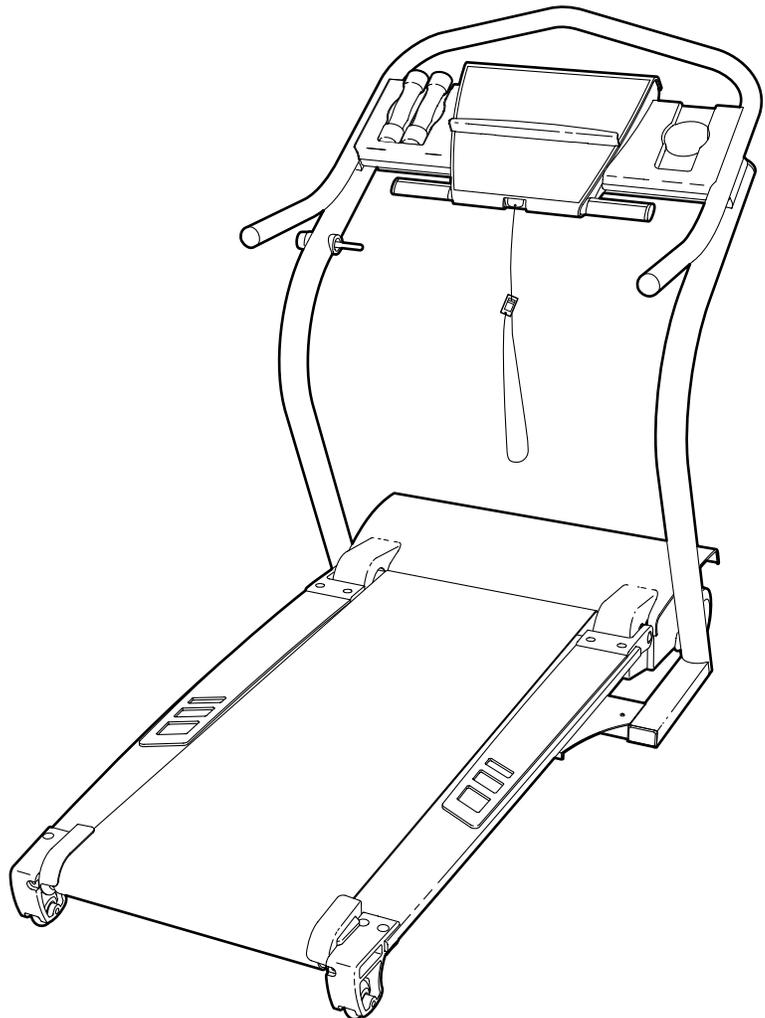
**TO AVOID DELAYS, PLEASE CALL DIRECT TO OUR TOLL-FREE CUSTOMER HOT LINE.** The trained technicians on our Customer Hot Line will provide immediate assistance, free of charge to you.

**CUSTOMER HOT LINE:**  
**1-888-825-2588**  
Mon.-Fri., 6 a.m.-6 p.m. MST

## CAUTION

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

## USER'S MANUAL



Visit our website at

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

*new products, prizes,  
fitness tips, and much more!*



# NordicTrack®

## 3100 R

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Note: An EXPLODED DRAWING is attached in the center of this manual.

# IMPORTANT PRECAUTIONS

**⚠ WARNING:** To reduce the risk of burns, fire, electric shock, or injury to persons, read the following important precautions and information before operating the treadmill.

1. It is the responsibility of the owner to ensure that all users of this treadmill are adequately informed of all warnings and precautions.
2. Use the treadmill only as described in this manual.
3. Place the treadmill on a level surface, with at least eight feet of clearance behind it and two feet on each side. Do not place the treadmill on any surface that blocks air openings. To protect the floor or carpet from damage, place a mat under the treadmill.
4. Keep the treadmill indoors, away from moisture and dust. Do not put the treadmill in a garage or covered patio, or near water.
5. Do not operate the treadmill where aerosol products are used or where oxygen is being administered.
6. Keep children under the age of 12 and pets away from the treadmill at all times.
7. The treadmill should not be used by persons weighing more than 300 pounds.
8. Never allow more than one person on the treadmill at a time.
9. Wear appropriate exercise clothes when using the treadmill. Do not wear loose clothes that could become caught in the treadmill. Athletic support clothes are recommended for both men and women. *Always wear athletic shoes. Never use the treadmill with bare feet, wearing only stockings, or in sandals.*
10. When connecting the power cord (see page 8), plug the power cord into a surge suppressor (not included) and plug the surge suppressor into a grounded circuit capable of carrying 15 or more amps. No other appliance should be on the same circuit. Do not use an extension cord.
11. Use only a single-outlet surge suppressor that meets all of the specifications described on page 8. To purchase a surge suppressor, see your local NordicTrack dealer or call 1-800-806-3651 and order part number 146148.
12. Failure to use a properly functioning surge suppressor could result in damage to the control system of the treadmill. If the control system is damaged, the walking belt may change speed or stop unexpectedly, which may result in a fall and serious injury.
13. Keep the power cord and the surge suppressor away from heated surfaces.
14. Never move the walking belt while the power is turned off. Do not operate the treadmill if the power cord or plug is damaged, or if the treadmill is not working properly. (See **BEFORE YOU BEGIN** on page 5 if the treadmill is not working properly.)
15. Never start the treadmill while you are standing on the walking belt. Always hold the handrails while using the treadmill.
16. The treadmill is capable of high speeds. Adjust the speed in small increments to avoid sudden jumps in speed.
17. The pulse sensor is not a medical device. Various factors, including the user's movement, may affect the accuracy of heart rate readings. The pulse sensor is intended only as an exercise aid in determining heart rate trends in general.
18. Using hand weights and not holding the handrails may compromise your ability to maintain your balance. Hand weights should be used only by experienced users.
19. Never leave the treadmill unattended while it is running. Always remove the key, unplug the power cord and move the on/off switch to the off position when the treadmill is not in use. (See the drawing on page 5 for the location of the on/off switch.)
20. Do not attempt to raise, lower, or move the treadmill until it is properly assembled. (See **ASSEMBLY** on page 6, and **HOW TO FOLD AND MOVE THE TREADMILL** on page 25.) You must be able to safely lift 45 pounds (20 kg) in order to raise, lower, or move the treadmill.

21. Do not change the incline of the treadmill by placing objects under the treadmill.

22. When folding or moving the treadmill, make sure that the storage latch is fully closed.

23. When using iFIT.com CDs and videos, an electronic “chirping” sound will alert you when the speed and/or incline of the treadmill is about to change. Always listen for the “chirp” and be prepared for speed and/or incline changes. In some instances, the speed and/or incline may change before the personal trainer describes the change.

24. When using iFIT.com CDs and videos, you can manually override the speed and incline settings at any time by pressing the speed and incline buttons. However, when the next “chirp” is heard, the speed and/or incline will change to the next settings of the CD or video program.

25. Always remove iFIT.com CDs and videos from

your CD player or VCR when you are not using them.

26. Inspect and properly tighten all parts of the treadmill regularly.

27. Never insert or drop any object into any opening.

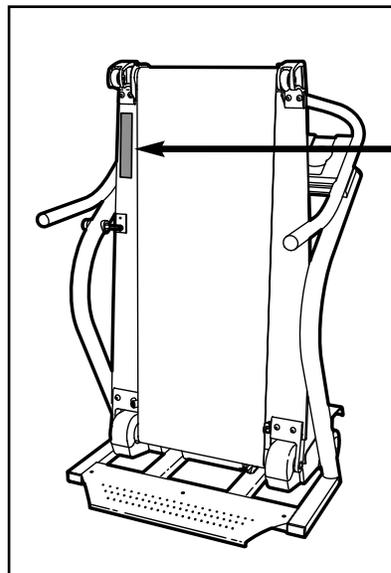
28. **DANGER:** Always unplug the power cord immediately after use, before cleaning the treadmill, and before performing the maintenance and adjustment procedures described in this manual. Never remove the motor hood unless instructed to do so by an authorized service representative. Servicing other than the procedures in this manual should be performed by an authorized service representative only.

29. This treadmill is intended for in-home use only. Do not use this treadmill in any commercial, rental, or institutional setting.

**⚠ WARNING:** Before beginning this or any exercise program, consult your physician. This is especially important for persons over the age of 35 or persons with pre-existing health problems. Read all instructions before using. ICON assumes no responsibility for personal injury or property damage sustained by or through the use of this product.

## SAVE THESE INSTRUCTIONS

The decal shown at the right has been placed on your treadmill. If the decal is missing or illegible, please call our Customer Service Department, toll-free, to order a free replacement decal (see ORDERING REPLACEMENT PARTS on page 31). Apply the decal in the location shown. Note: The decal is shown at 43% of actual size.



**⚠ WARNING:**

Protect yourself and others from risk of serious injury. Read the user's manual and :

-  •Stand only on the side rails when starting or stopping treadmill.
- Change speed in small increments.
- Hold handrails to prevent falling, and always wear the safety clip while operating treadmill.
- Stop if you feel faint, dizzy, or short of breath.
- Fully engage storage latch before treadmill is moved or stored.
- Reduce incline to its lowest level before folding treadmill into storage position.

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-  •Never allow children on or around treadmill.
- Remove key when not in use.

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-  •Keep clothing, fingers, and hair away from moving belt.
- Never try to adjust or fix the belt while it is moving.
- Always wear athletic shoes while operating treadmill.

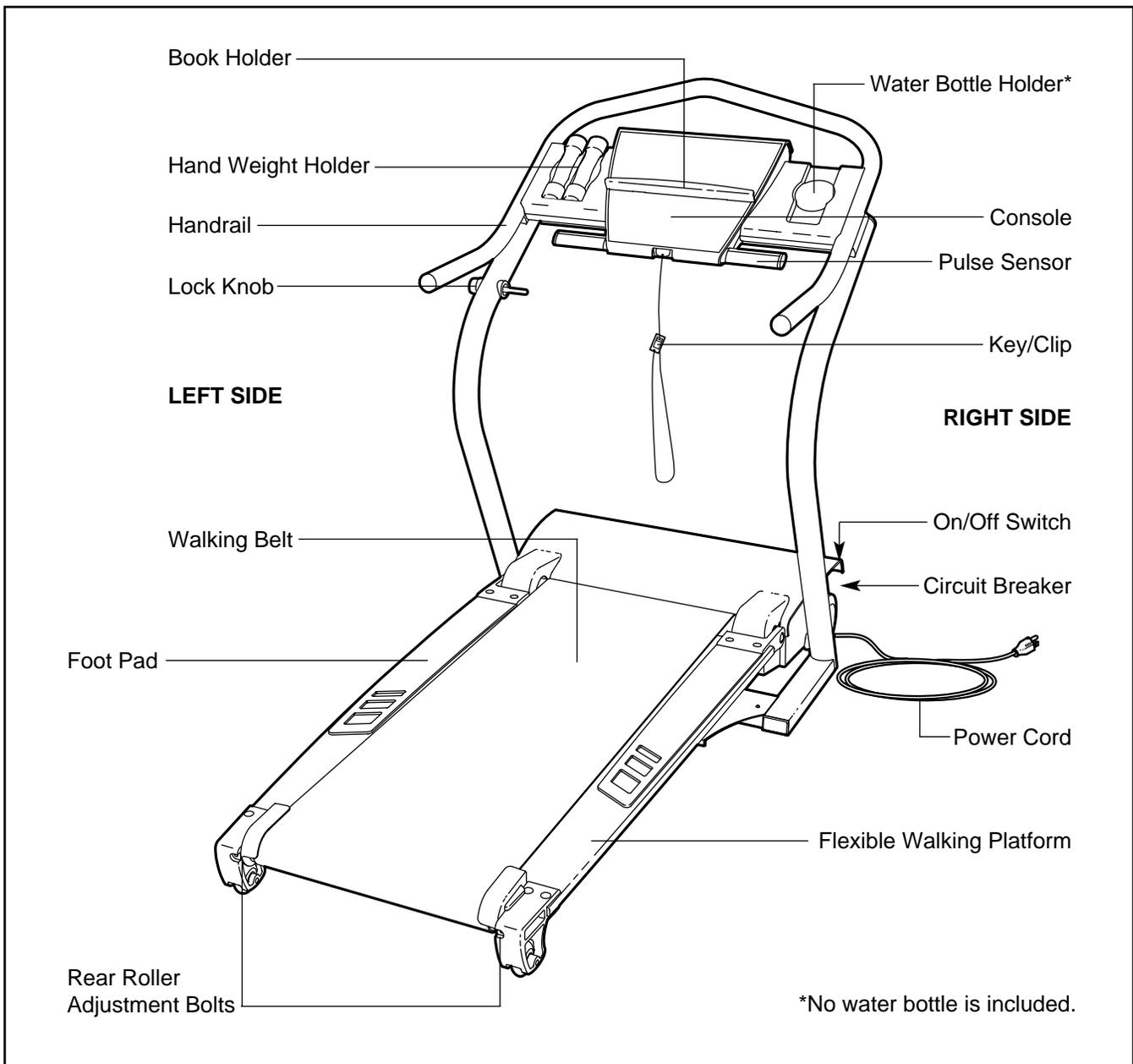
# BEFORE YOU BEGIN

Thank you for selecting the revolutionary 3100 R treadmill from NordicTrack®. The 3100 R offers an impressive array of features to make your home workouts more enjoyable and effective. And when you're not exercising, the unique 3100 R can be folded up, requiring less than half the floor space of other treadmills.

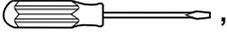
**For your benefit, read this manual carefully before using the 3100 R treadmill.** If you have questions after reading this manual, please call our Customer Service Department toll-free at 1-888-825-2588,

Monday through Friday, 6 a.m. until 6 p.m. Mountain Time (excluding holidays). To help us assist you, please note the product model number and serial number before calling. The model number of the treadmill is NTL15921. The serial number can be found on a decal attached to the treadmill (see the front cover of this manual for the location).

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



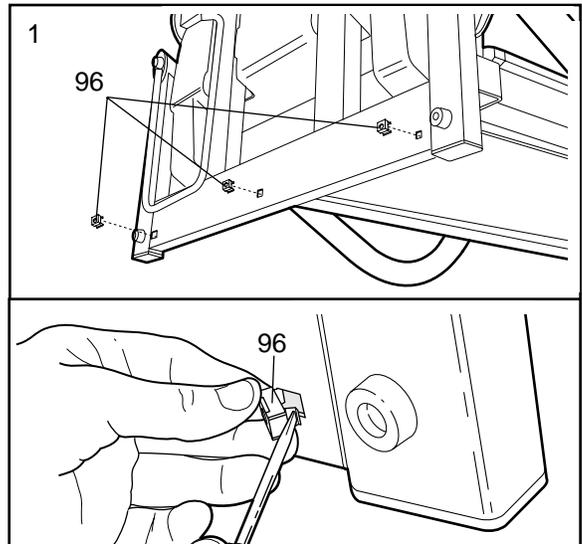
# ASSEMBLY

**Assembly requires two people.** Set the treadmill in a cleared area and remove all packing materials. Do not dispose of the packing materials until assembly is completed. **Assembly requires the included allen wrench and your own flat-bladed screwdriver** , **wire cutters**  and **adjustable wrench** .

Note: The underside of the treadmill walking belt is coated with high-performance lubricant. During shipping, a small amount of lubricant may be transferred to the top of the treadmill or the shipping carton. This is a normal condition and does not affect treadmill performance. If there is lubricant on top of the walking belt or foot pads, simply wipe off the lubricant with a soft cloth and a mild, non-abrasive cleaner.

1. Slide the treadmill out of the box. Insert the three Cage Nuts (96) into the three indicated holes in the treadmill.

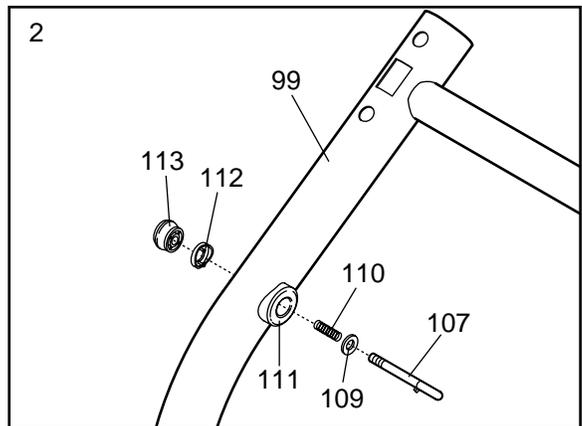
To insert each Cage Nut (96), first hook one side of the Cage Nut into the hole and then use a flat-bladed screwdriver to press the other side into the hole, as shown.



2. With the help of a second person, carefully raise both Uprights (99) to a vertical position. Press the Lock Knob Sleeve (111) and the Lock Knob Spacer (112) into the left Upright.

Remove the Lock Knob (113) from the Lock Pin (107). Make sure that the Lock Pin Collar (109) and the Spring (110) are on the Lock Pin. (Note: If there are two Lock Pin Collars, place one on each side of the Spring.) Insert the Lock Pin into the Lock Knob Sleeve (111) and the Left Upright (99).

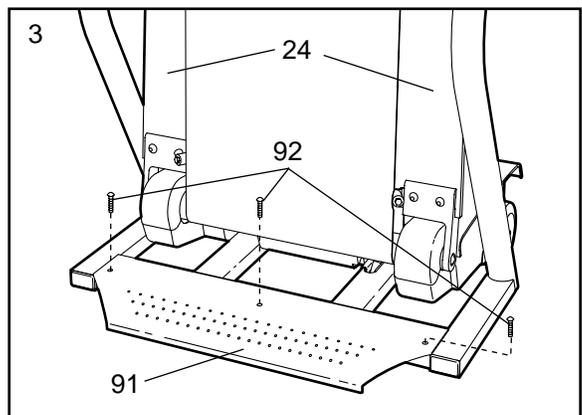
Tighten the Lock Knob (113) onto the Lock Pin (107).



3. With the help of a second person, carefully raise the Walking Platform (24) to the storage position and make sure that the lock pin is properly engaged as described on page 25.

Position the Base Plate (91) on the treadmill as shown. Attach the Base Plate with the three Base Plate Screws (92). Note: It may be helpful if a second person tips the treadmill slightly as you tighten the Screws.

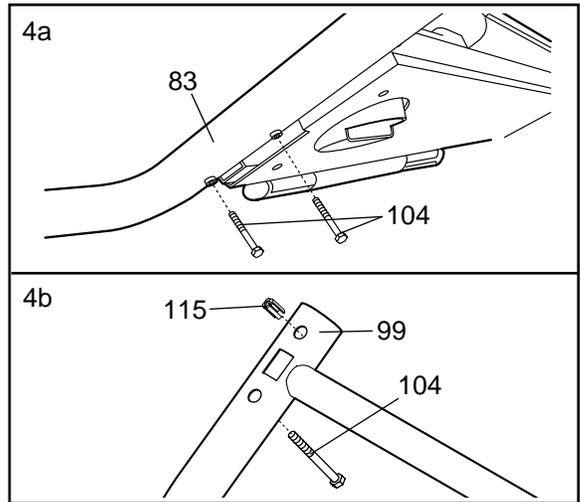
Carefully lower the Walking Platform (24) to the floor as described on page 25.



- See drawing 4a. While another person holds the Handrails (83), thread Handrail Bolts (104) two to three turns into the indicated holes in each Handrail. **Then, remove the Handrail Bolts.**

See drawing 4b. Pinch the tabs on the Grounding Bracket (115) so that the tabs will fit into the indicated hole in the left Upright (99). Then, insert the Grounding Bracket into the hole as far as possible.

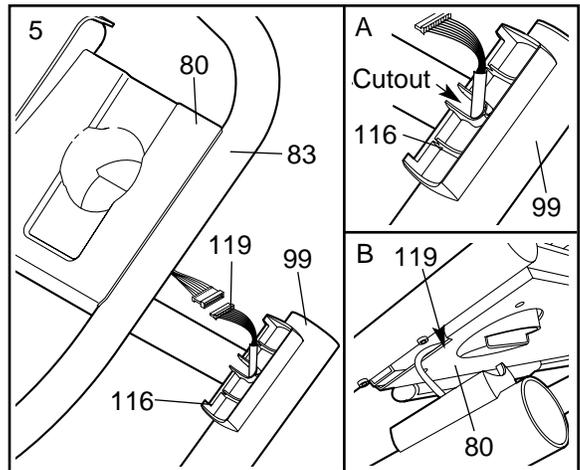
Note: It may be helpful to set the Handrails (83) on the Uprights (99) and loosely thread a Handrail Bolt (104) into the left Upright and the left Handrail. Tip the Handrails, if necessary, to thread in the Bolt. Have another person support the Handrails while you complete the remaining steps.



- Pull the Upright Wire Harness (119) up through a Handrail Spacer (116). Place the Handrail Spacer on the right Upright (99) as shown, with the cutout toward the treadmill (see inset drawing A).

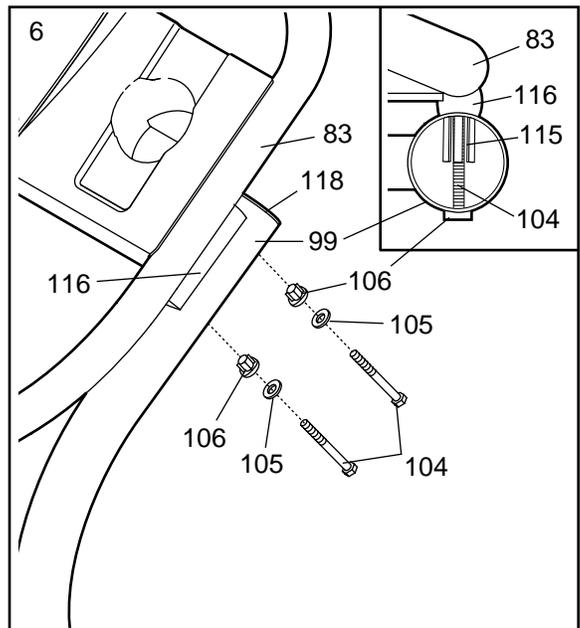
Connect the Upright Wire Harness (119) to the wires extending from the Console Base (80). Insert the connectors and the Upright Wire Harness into the hole in the Console Base (see inset drawing B).

Set the Handrail (83) on the Handrail Spacer (116), being careful not to pinch the Upright Wire Harness (119).



- Insert two Handrail Bolts (104) with Handrail Washers (105) and Handrail Bushings (106) into the right Upright (99) and the right Handrail Spacer (116). Turn the Handrail Bushings so they fit against the Upright (see the inset drawing). Lift the right Handrail (83) slightly and align the Bolts with the holes in the Handrail. Loosely thread the Bolts into the Handrail. **Do not tighten the Bolts yet.**

See the inset drawing. Remove the Handrail Bolt (104) used in step 4. Place the other Handrail Spacer (116) on the left Upright (99), with the cutout toward the treadmill. Reach inside the left Upright and spread the tabs on the Grounding Bracket (115) to allow a Bolt to pass through the Grounding Bracket. Attach the left Handrail (83) as described above. Make sure that the Handrail Bushings (106) are turned properly and that the Bolt goes through the Grounding Bracket. **Tighten all four Handrail Bolts.** Press an Upright Endcap (118) into each Upright.



- Make sure that all parts are properly tightened before you use the treadmill.** Keep the included allen wrench in a secure place. The allen wrench is used to adjust the walking belt (see page 27). **To protect the floor or carpet from damage, place a mat under the treadmill.**

# OPERATION AND ADJUSTMENT

## THE PERFORMANT LUBE™ WALKING BELT

Your treadmill features a walking belt coated with PERFORMANT LUBE™, a high-performance lubricant. **IMPORTANT: Never apply silicone spray or other substances to the walking belt or the walking platform. Such substances will deteriorate the walking belt and cause excessive wear.**

## HOW TO PLUG IN THE POWER CORD

**⚠ DANGER:** Improper connection of the equipment-grounding conductor can result in an increased 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—if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

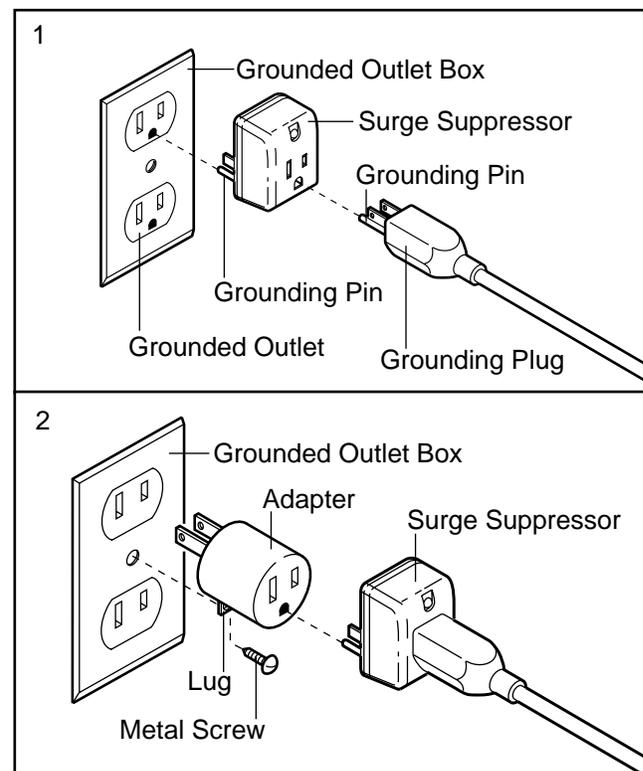
Your treadmill, like any other type of sophisticated electronic equipment, can be seriously damaged by sudden voltage changes in your home's power. Voltage surges, spikes, and noise interference can result from weather conditions or from other appliances being turned on or off. **To decrease the possibility of your treadmill being damaged, always use a surge suppressor with your treadmill (see drawing 1 at the right). To purchase a surge suppressor, see your local NordicTrack dealer or call 1-800-806-3651 and order part number 146148.**

Use only a single-outlet surge suppressor that is UL 1449 listed as a transient voltage surge suppressor (TVSS). The surge suppressor must have a UL suppressed voltage rating of 400 volts or less and a minimum surge dissipation of 450 joules. The surge suppressor must be electrically rated for 120 volts AC and 15 amps. There must be a monitoring light on the surge suppressor to indicate whether it is functioning properly. Failure to use a properly functioning surge suppressor could result in damage to the control system of the treadmill. If the control system is damaged, the walking belt may change speed or stop unexpectedly, which may result in a fall and serious injury.

**This product must be grounded.** If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having

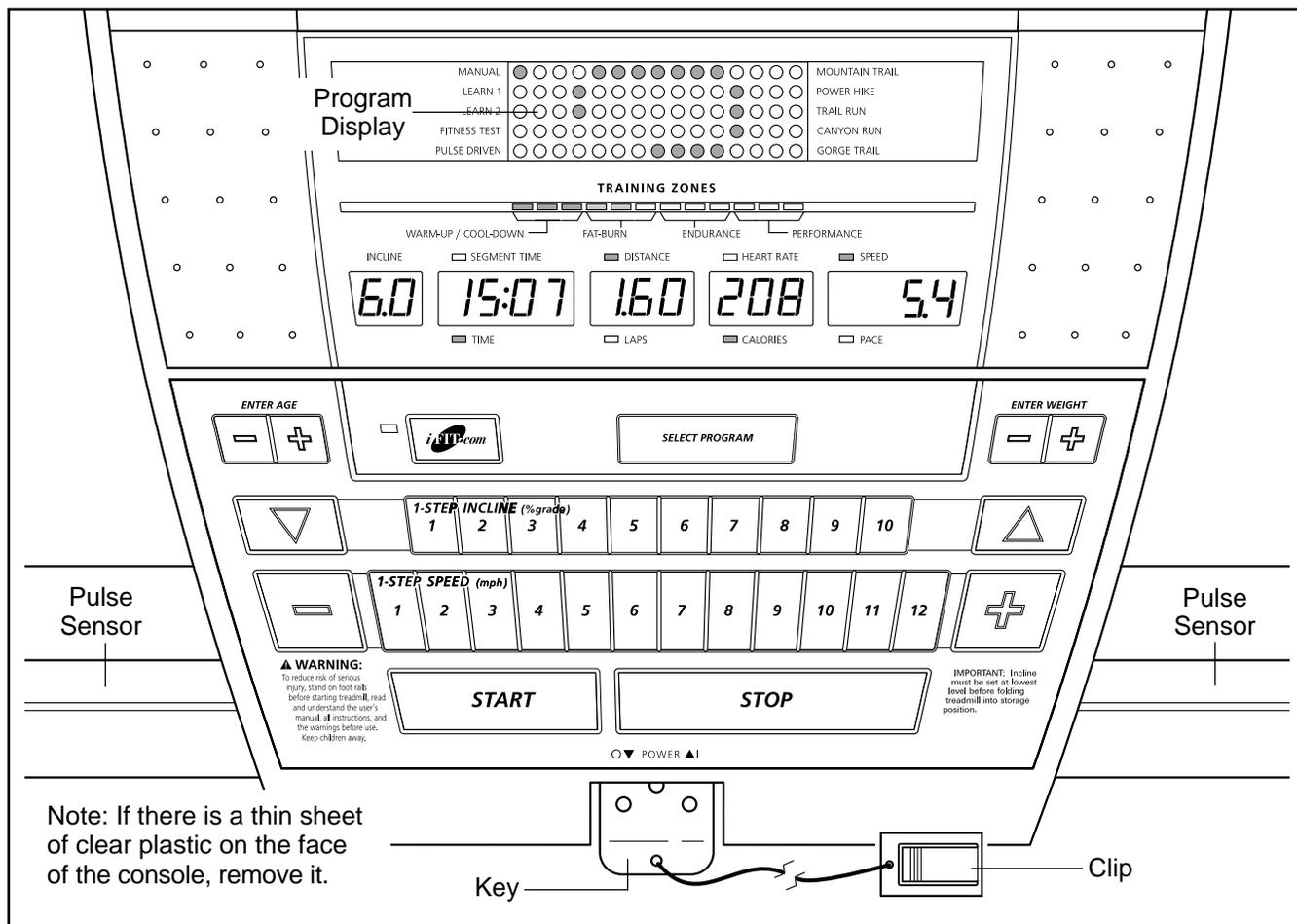
an equipment-grounding conductor and a grounding plug. **Plug the power cord into a surge suppressor, and plug the surge suppressor into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. Important: The treadmill is not compatible with GFCI-equipped outlets.**

This product is for use on a nominal 120-volt circuit, and has a grounding plug that looks like the plug illustrated in drawing 1 below. A temporary adapter that looks like the adapter illustrated in drawing 2 may be used to connect the surge suppressor to a 2-pole receptacle as shown in drawing 2 if a properly grounded outlet is not available.



The temporary adapter should be used only until a properly grounded outlet (drawing 1) can be installed by a qualified electrician.

The green-colored rigid ear, lug, or the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used it must be held in place by a metal screw. **Some 2-pole receptacle outlet box covers are not grounded. Contact a qualified electrician to determine if the outlet box cover is grounded before using an adapter.**



## FEATURES OF THE CONSOLE

The advanced console offers an impressive array of features to help you get the most from your exercise. When the console is in the manual mode, the speed and incline of the treadmill can be changed with a touch of a button. As you exercise, the console will provide continuous exercise feedback. You can even measure your heart rate using the built-in pulse sensor.

Five preset workout programs are also offered. Each program automatically controls the speed and incline of the treadmill to give you an effective workout. The included hand weights can be used to add upper-body exercise to your workouts as well. You can even create your own custom workout programs and store them in memory for future use.

In addition, the console offers a fitness test program that measures your relative fitness level and a pulse-driven program that automatically adjusts the speed and incline of the treadmill to keep your heart rate near a target level during your workout. Note: The fitness test program and the pulse-driven program require the use of an optional chest pulse sensor (see page 24).

The console also features new iFIT.com interactive technology. iFIT.com technology is like having a per-

sonal trainer right in your home. Using the included audio cable, you can connect the treadmill to your home stereo, portable stereo, or computer and play special iFIT.com CD programs (iFIT.com CDs are available separately). iFIT.com CD programs automatically control the speed and incline of the treadmill as a personal trainer guides you through every step of your workout. High-energy music provides added motivation. Each CD features two programs designed by certified personal trainers.

In addition, you can connect the treadmill to your VCR and TV and play iFIT.com video programs (videocassettes are available separately). Video programs offer the same benefits as iFIT.com CD programs, but add the excitement of working out with a class and an instructor—the hottest new trend at health clubs.

With the treadmill connected to your computer, you can also go to our Web site at [www.iFIT.com](http://www.iFIT.com) and access basic programs, audio programs, and video programs directly from the internet. Additional options are soon to be available. See [www.iFIT.com](http://www.iFIT.com) for details.

To purchase iFIT.com CDs or videocassettes, call toll-free 1-800-735-0768. For information about an optional chest pulse sensor, see page 24.

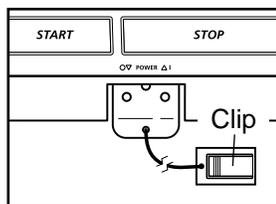
**CAUTION:** Before operating the console, read the following precautions.

- Do not stand on the walking belt when turning on the power.
- Always wear the clip (see the drawing below) while operating the treadmill.
- Adjust the speed in small increments to avoid sudden jumps in speed.
- The pulse sensor is not a medical device. Various factors, including the user's movement, may affect the accuracy of heart rate readings. The pulse sensor is intended only as an exercise aid in determining heart rate trends in general.
- Using hand weights and not holding the handrails may compromise your ability to maintain your balance. Hand weights should be used only by experienced users.
- To reduce the possibility of electric shock, keep the console dry. Avoid spilling liquids on the console and place only a sealed water bottle in the water bottle holder.

## GETTING STARTED

### 1 Attach the clip to the waistband of your clothes.

Stand on the foot pads of the treadmill. Find the clip attached to the key and slide the clip onto the waistband of your clothes. Next, insert the key into the console. **Test the clip by carefully taking a few steps backward until the key is pulled from the console. If the key is not pulled from the console, adjust the position of the clip as needed.** Then, remove the key from the console.

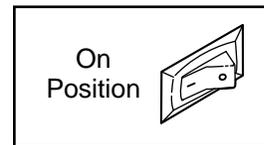


### 2 Plug in the power cord.

See HOW TO PLUG IN THE POWER CORD on page 8.

### 3 Move the on/off switch to the on position.

Locate the on/off switch on the treadmill near the power cord. Move the on/off switch to the on position.



### 4 Insert the key fully into the console.

Stand on the foot pads of the treadmill. Make sure that the clip is securely attached to the waistband of your clothes. Next, insert the key into the console. After a moment, various displays and indicators on the console will light.

### 5 Enter your weight.

Although you can use the console without entering your weight, the console will display your calorie expenditure more accurately if you enter your weight. To enter your weight, press either of the Enter Weight buttons. The current weight setting will appear in the Speed/Pace display. Press the Enter Weight buttons again to enter your weight. A few seconds after the buttons are pressed, the weight setting will disappear from the display. Your weight will then be saved in memory.



**To use the manual mode of the console, follow the steps beginning on page 11. To use a preset program, see page 12. To create and use a custom program, see pages 14 and 15. To use the fitness test program, see page 16. To use the pulse-driven program, see page 17. To use an iFIT.com CD or video program, see page 21. To use an iFIT.com program directly from our internet site, see page 23.**

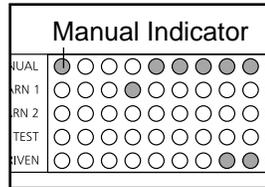
## HOW TO USE THE MANUAL MODE

### 1 Insert the key fully into the console.

See GETTING STARTED on page 10.

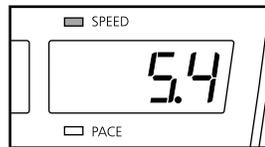
### 2 Select the manual mode.

When the key is inserted, the manual mode will be selected and the Manual indicator will light. If a program has been selected, press the Select Program button repeatedly to select the manual mode.



### 3 Press the Start button or the Speed + button to start the walking belt.

A moment after the button is pressed, the walking belt will begin to move at 1 mph. Hold the handrails and begin walking. As you exercise, change the speed of the walking belt as desired by pressing the Speed + and – buttons. Each time a button is pressed, the speed setting will change by 0.1 mph; if a button is held down, the speed setting will change in increments of 0.5 mph. To change the speed setting quickly, press the 1-step Speed buttons. The speed range is 0.5 mph to 12 mph. Note: After the buttons are pressed, it may take a moment for the treadmill to reach the selected speed setting.

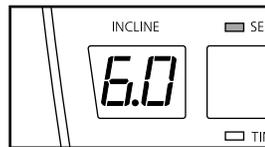


To stop the walking belt, press the Stop button. The Time display will begin to flash. To restart the walking belt, press the Start button or the Speed + button.

During the first few minutes that you use the treadmill, inspect the alignment of the walking belt, and align the walking belt if necessary (see page 27).

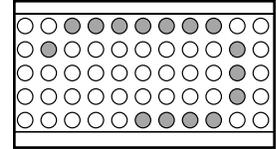
### 4 Change the incline of the treadmill as desired.

To change the incline of the treadmill, press the Incline  $\Delta$  and  $\nabla$  buttons. Each time a button is pressed, the incline will change by 0.5% (up to 12%). To change the incline setting quickly, press the 1-step Incline buttons. The 1-step incline range is 0% to 10%. Note: After the buttons are pressed, it may take a moment for the treadmill to reach the selected incline setting.

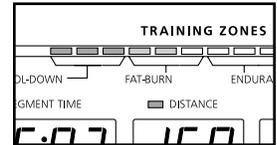


### 5 Follow your progress with the LED track and the displays.

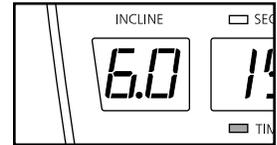
**The LED track**—When the manual mode or the iFIT.com mode is selected, the program display will show an LED track representing 1/4 mile. As you exercise, the indicators around the track will light in sequence until you have walked or run 1/4 mile. A new lap will then begin.



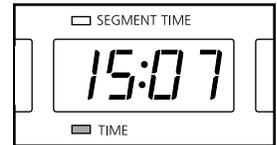
**The Training Zone display**—As you exercise, the Training Zone display will show the approximate intensity level of your exercise. For example, if three to six indicators in the display are lit, your intensity level is ideal for fat burning.



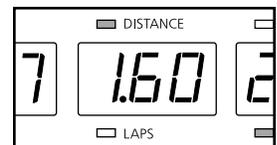
**Incline display**—This display shows the incline level of the treadmill.



**Time display**—When the manual mode or the iFIT.com mode is selected, this display will show the elapsed time. When a preset program or a custom program is selected, the display will show the time remaining in the program and the time remaining in the current segment of the program. The display will change from one number to the other every few seconds, as shown by the indicators around the display.



**Distance/Laps display**—This display shows the distance that you have walked and the number of 1/4-mile laps you have completed. The display will change from one number to the other every few seconds.



**Heart Rate/Calories display**—This display shows the approximate number of calories you have burned. When the the handgrip pulse sensor or the optional chest pulse sensor (see page 24) is used, the display will also show your heart rate.

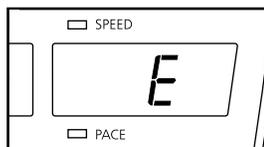


### Speed/Pace display—

This display shows the speed of the walking belt and your current pace (pace is measured in *minutes per mile*). The display will change from one number to the other every few seconds, as shown by the indicators around the display.



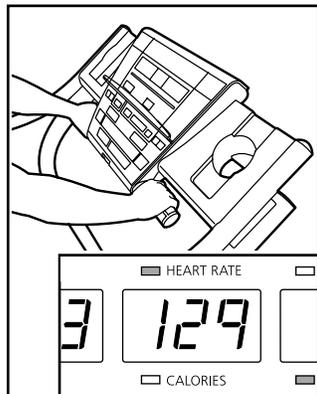
Note: The console can display speed and distance in either miles or kilometers. To find which unit of measurement is selected, hold down the Stop button while inserting the key into the console. An E, for English miles, or an M, for metric kilometers, will appear in the Speed/Pace display. Press the Speed + button to change the unit of measurement. When the desired unit of measurement is selected, remove the key and then reinsert it. Note: For simplicity, all instructions in this manual refer to miles.



To reset the displays, press the Stop button, remove the key, and then reinsert the key.

## 6 Measure your heart rate, if desired.

To measure your heart rate, **stand on the foot pads** and place your hands on the metal contacts on the handrail. Your palms must be resting on the upper contacts, and your fingers must be touching the lower contacts—**avoid**



**moving your hands.** When your pulse is detected, the Heart Rate indicator will flash, and then your heart rate will be shown. **For the most accurate heart rate reading, continue to hold the contacts for about 15 seconds.**

## 7 When you are finished exercising, stop the walking belt and remove the key.

Step onto the foot pads, press the Stop button, and adjust the incline of the treadmill to the lowest level. **The incline must be at the lowest level when the treadmill is raised to the storage position or the treadmill will be damaged.** Next, remove the key from the console and put it in a secure place. **Note: If the displays and indicators on the console remain lit after the key is removed, the console is in the “demo” mode. Refer to page 24 and turn off the demo mode.**

When you are finished using the treadmill, move the on/off switch near the power cord to the off position and unplug the power cord.

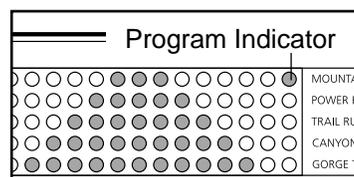
## HOW TO USE PRESET PROGRAMS

### 1 Insert the key fully into the console.

See GETTING STARTED on page 10.

### 2 Select one of the five preset programs.

When the key is inserted, the manual mode will be selected. To select one of the preset programs, press the Select Program button repeatedly until the Mountain Trail, Power Hike, Trail Run, Canyon Run, or Gorge Trail indicator lights.

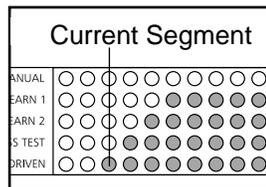


When you select a preset program, the program display will show a simplified profile of the program you have selected. For example, the profile above shows that the intensity of the selected program will increase during the first half of the program, and then decrease during the last half of the program. The Time display will show how long the program will last.

### 3 Press the Start button or the Speed + button to start the program.

A moment after the button is pressed, the treadmill will automatically adjust to the first speed and incline settings for the program. Hold the handrails and begin walking.

Each program is divided into several time segments of different lengths. The Time display shows both the time remaining in the program and the time remaining in the current segment. One speed setting and one incline setting are programmed for each segment. The speed setting for the first segment will be shown in the flashing Current Segment column of the program display. (The incline settings are not shown in the program display.) The speed settings for the next twelve segments will be shown in the twelve columns to the right.



When only three seconds remain in the first segment of the program, both the Current Segment column and the column to the right will flash and a tone will sound. In addition, if the speed and/or incline of the treadmill is about to change, the Speed/Pace display and/or the Incline display will flash to alert you, and three tones will sound. When the first segment is completed, *all speed settings will move one column to the left*. The speed setting for the second segment will then be shown in the flashing Current Segment column and the treadmill will automatically adjust to the speed and incline settings for the second segment.

The program will continue in this way until the speed setting for the last segment is shown in the Current Segment column and no time remains in the Time display. The walking belt will then slow to a stop.

Note: Each time a segment ends and the speed settings move to the left, *if all of the indicators in the Current Segment column are lit, the speed settings may move downward so that only the highest indicators in the columns will appear in the program display*. When the speed settings move to the left again and some indicators in the Current Segment column are dark, the speed settings will move back up.

If the speed or incline setting for the current segment is too high or too low, you can manually

override the setting by pressing the Speed or Incline buttons on the console. Every few times one of the Speed buttons is pressed, an additional indicator will light or darken in the Current Segment column. If any of the columns to the right of the Current Segment column have the same number of lit indicators as the Current Segment column, an additional indicator may light or darken in those columns as well. Note: If you *manually* adjust the speed setting so that all of the indicators in the Current Segment column are lit, the speed settings in the program display will *not* move downward as described above. **Note: If you manually override the speed or incline setting for the current segment, when the segment ends the treadmill will automatically adjust to the speed and incline settings for the next segment.**

To stop the program temporarily, press the Stop button. The Time display will begin to flash. To restart the program, press the Start button or the Speed + button. To end the program, press the Stop button, remove the key, and then reinsert the key.

#### 4 Follow your progress with the displays.

See step 5 on page 11.

#### 5 Measure your heart rate, if desired.

See step 6 on page 12.

#### 6 When the program has ended, remove the key.

Step onto the foot pads and make sure that the incline of the treadmill is at the lowest level. **The incline must be at the lowest level when the treadmill is raised to the storage position.** Next, remove the key from the console and put it in a secure place. **Note: If the displays and indicators on the console remain lit after the key is removed, the console is in the “demo” mode. See page 24 and turn off the demo mode.**

When you are finished using the treadmill, move the on/off switch near the power cord to the off position and unplug the power cord.

## HOW TO CREATE CUSTOM PROGRAMS

### 1 Insert the key fully into the console.

See GETTING STARTED on page 10.

### 2 Select one of the custom programs.

When the key is inserted, the manual mode will be selected. To select one of the custom programs, press the Select Program button repeatedly until the Learn 1 or Learn 2 indicator lights.

Learn Indicator										
MANUAL	○	○	○	○	○	○	○	○	○	○
LEARN 1	●	○	○	○	○	○	○	○	○	○
LEARN 2	○	○	○	○	○	○	○	○	○	○
FITNESS TEST	○	○	○	○	○	○	○	○	○	○
PULSE DRIVEN	○	○	○	○	○	○	○	○	○	○

**Note: If the custom program has not yet been defined, three columns of indicators will be lit in the program display. If more than three columns of indicators are lit, refer to HOW TO USE CUSTOM PROGRAMS on page 15.**

### 3 Press the Start button or the Speed + button and program the desired speed and incline settings.

A moment after the button is pressed, the walking belt will begin to move. Hold the handrails and begin walking.

Refer to the program display. Each custom program is divided into one-minute segments. One speed setting and one incline setting can be programmed for each segment. The speed setting for the first segment will be shown in the flashing Current Segment column of the program display. (The incline settings are not shown in the program display.) To program a speed setting and an incline setting for the first segment, simply

Current Segment										
ANNUAL	○	○	○	○	○	○	○	○	○	○
LEARN 1	○	○	○	○	○	○	○	○	○	○
LEARN 2	○	○	○	○	○	○	○	○	○	○
SS TEST	○	○	○	○	○	○	○	○	○	○
DRIVEN	○	○	○	○	○	○	○	○	○	○

adjust the speed and incline of the treadmill to the desired levels by pressing the Speed and Incline buttons. Every few times one of the Speed buttons is pressed, an additional indicator will light or darken in the Current Segment column.

When the first segment of the program is completed, the current speed setting and the current incline setting will be stored in memory. *The three columns of indicators will then move one column to the left*, and the speed setting for the second segment will be shown in the flashing Current Segment column. Program a speed setting and an incline setting for the second segment as described above. Note: After the third segment is completed, the columns of indicators in the program display will no longer move to the left. Instead, each time a segment is completed, *the flashing Current Segment column will move one column to the right*. If the Current Segment column reaches the right side of the program display, when the current segment is completed *all columns of indicators in the program display will move three columns to the left*.

Continue programming speed and incline settings for as many segments as desired; custom programs can have up to forty segments. When you are finished with your workout, press the Stop button twice. The speed and incline settings that you programmed and the number of segments that you programmed will then be saved in memory.

### 4 Follow your progress with the displays.

See step 5 on page 11.

### 5 When the program has ended, remove the key.

See step 6 on page 13.

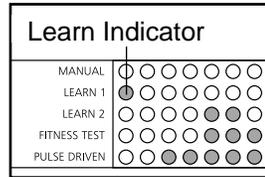
## HOW TO USE CUSTOM PROGRAMS

### 1 Insert the key fully into the console.

See GETTING STARTED on page 10.

### 2 Select one of the custom programs.

When the key is inserted, the manual mode will be selected. To select one of the custom programs, press the Select Program button repeatedly until the Learn 1 or Learn 2 indicator lights.

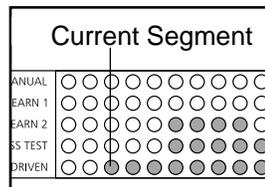


When a custom program is selected, the program display will show a simplified profile of the program. The Time display will show how long the program will last. **Note: If only three columns of indicators are lit in the program display, refer to HOW TO CREATE A CUSTOM PROGRAM on page 14.**

### 3 Press the Start button or the Speed + button to start the program.

A moment after the button is pressed, the treadmill will automatically adjust to the first speed and incline settings for the program. Hold the handrails and begin walking.

Each program is divided into several one-minute segments. The Time display shows both the time remaining in the program and the time remaining in the current segment. One speed setting and one incline setting are programmed for each segment. The speed setting for the first segment will be shown in the flashing Current Segment column of the program display. (The incline settings are not shown in the program display.)



The speed settings for the next twelve segments will be shown in the twelve columns to the right.

When only three seconds remain in the first segment of the program, both the Current Segment column and the column to the right will flash and a tone will sound. In addition, if the speed and/or incline of the treadmill is about to change, the Speed/Pace display and/or the Incline display will flash to alert you, and three tones will sound.

When the first segment is completed, *all speed settings will move one column to the left.* The speed setting for the second segment will then be shown in the flashing Current Segment column and the treadmill will automatically adjust to the speed and incline settings for the second segment.

The program will continue until the speed setting for the last segment is shown in the Current Segment column and no time remains in the Time display. The walking belt will then slow to a stop.

If desired, you can redefine to the program while using the program. **To change the speed or incline setting during the current segment,** simply press the Speed or Incline buttons. When the current segment is completed, the new setting will be saved in memory. **To increase the length of the program,** first wait until the program is completed. Then, press the Start button and program speed and incline settings for as many additional segments as desired. (Note: While you are adding segments to the program, the speed settings in the program display will not move to the left. Instead, each time a segment is completed, *the flashing Current Segment column will move one column to the right.* If the Current Segment column reaches the right side of the program display, when the current segment is completed *all columns of indicators in the program display will move three columns to the left.*) When you have added as many segments as desired, press the Stop button twice. **To decrease the length of the program,** press the Stop button twice at any time before the program is completed.

To stop the program temporarily, press the Stop button. All displays will pause and the Time display will begin to flash. To restart the program, press the Start button or the Speed + button. To end the program, press the Stop button, remove the key, and then reinsert the key.

### 4 Follow your progress with the displays.

See step 5 on page 11.

### 5 Measure your heart rate, if desired.

See step 6 on page 12.

### 6 When the program has ended, remove the key.

See step 6 on page 13.





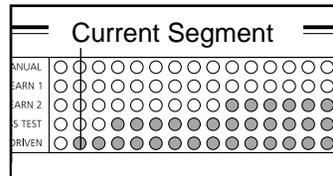
**5 Press the Start button or the Speed + button to start the program.**

A moment after the button is pressed, the treadmill will automatically adjust to the first speed and incline settings for the program. Hold the handrails and begin walking.

Each program is divided into several time segments of different lengths. The Time display will show both the time remaining in the program and the time remaining in the current segment. One target heart rate setting

is programmed for each segment.

The heart rate setting for the first segment will be shown in the flashing Current



Segment column of the program display. The heart rate settings for the next twelve segments will be shown in the twelve columns to the right.

When only three seconds remain in the first segment of the program, both the Current Segment column and the column to the right will flash, a series of tones will sound, and the Speed/Pace display and the Incline display will flash. When the first segment is completed, all heart rate settings will move one column to the left. The heart rate setting for the second segment will then be shown in the flashing Current Segment column, and the speed and/or incline of the treadmill will change, if needed, to bring your heart rate closer to the heart rate setting for the second segment.

The program will continue until no time remains in the Time display. The walking belt will then slow to a stop.

If the speed or incline setting for the current segment is too high or too low, you can adjust the setting with the Speed or Incline buttons. However, if you *decrease* the speed, the incline will automatically *increase*; if you *increase* the speed, the incline will *decrease*. If you *increase* the incline, the speed will *decrease*; if you *decrease* the incline, the speed will *increase*. *The treadmill will always attempt to keep your heart rate near the target heart rate setting for the current segment.* Note: When the incline reaches the lowest setting, the speed cannot be increased any further. When the incline reaches the highest setting, the speed cannot be decreased any further.

If your heart rate is not detected during the program, the speed and incline of the treadmill may automatically decrease until your heart rate is detected. If this occurs, refer to the instructions included with the optional chest pulse sensor.

To stop the program, press the Stop button. The Time display will begin to flash. The pulse-driven program should not be stopped temporarily and then restarted. To use the pulse-driven program again, reselect the program and start it at the beginning.

**6 Follow your progress with the displays.**

See step 5 on page 11.

**7 When the program has ended, remove the key.**

See step 6 on page 13.

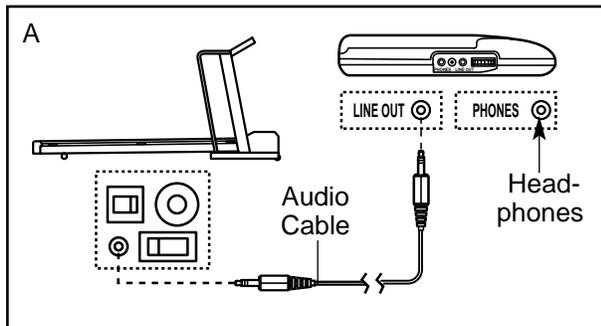
## HOW TO CONNECT THE TREADMILL TO YOUR CD PLAYER, VCR, OR COMPUTER

To use **iFIT.com CDs**, the treadmill must be connected to your portable CD player, portable stereo, home stereo, or computer with CD player. See pages 19 and 20 for connecting instructions. To use **iFIT.com videocassettes**, the treadmill must be connected to your VCR. See page 21 for connecting instructions. To use **iFIT.com programs directly from our Web site**, the treadmill must be connected to your home computer. See page 20 for connecting instructions.

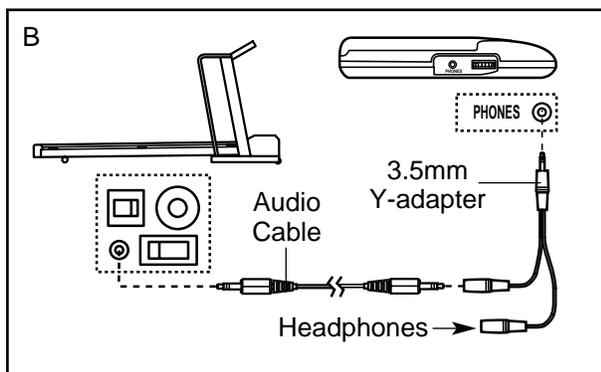
## HOW TO CONNECT YOUR PORTABLE CD PLAYER

**Note:** If your CD player has separate **LINE OUT** and **PHONES** jacks, see instruction A below. If your CD player has only one jack, see instruction B.

- A. Plug one end of the audio cable into the jack on the front of the treadmill near the power cord. Plug the other end of the cable into the **LINE OUT** jack on your CD player. Plug your headphones into the **PHONES** jack.



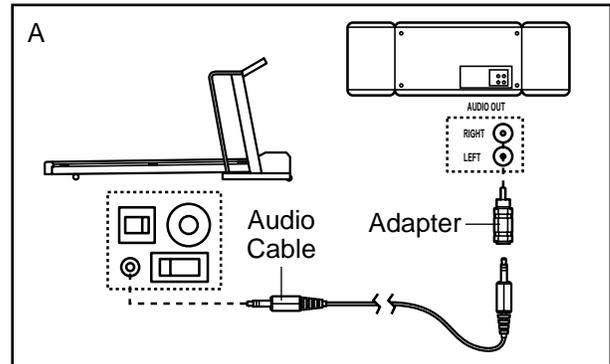
- B. Plug one end of the audio cable into the jack on the front of the treadmill near the power cord. Plug the other end of the cable into a 3.5mm Y-adapter (available at electronics stores). Plug the Y-adapter into the **PHONES** jack on your CD player. Plug your headphones into the other side of the Y-adapter.



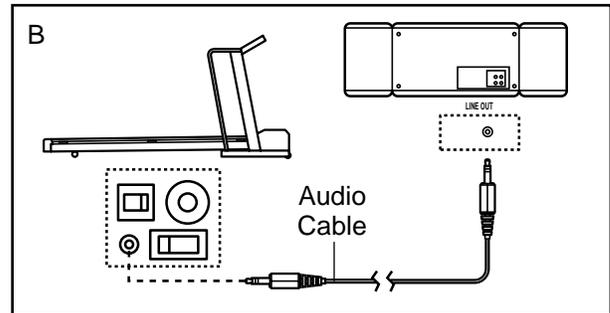
## HOW TO CONNECT YOUR PORTABLE STEREO

**Note:** If your stereo has an **RCA-type AUDIO OUT** jack, see instruction A below. If your stereo has a **3.5mm LINE OUT** jack, see instruction B. If your stereo has only a **PHONES** jack, see instruction C.

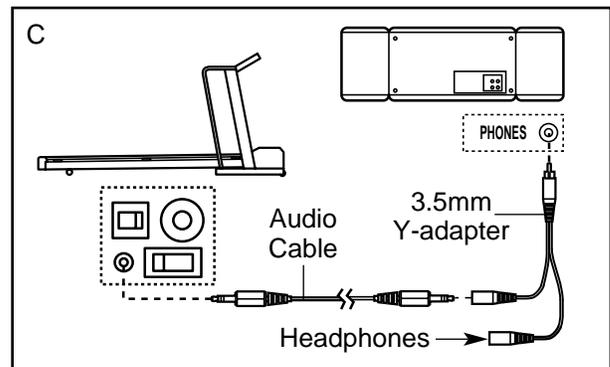
- A. Plug one end of the audio cable into the jack on the front of the treadmill near the power cord. Plug the other end of the cable into the included adapter. Plug the adapter into an **AUDIO OUT** jack on your stereo.



- B. Plug one end of the audio cable into the jack on the front of the treadmill near the power cord. Plug the other end of the cable into the **LINE OUT** jack on your stereo.



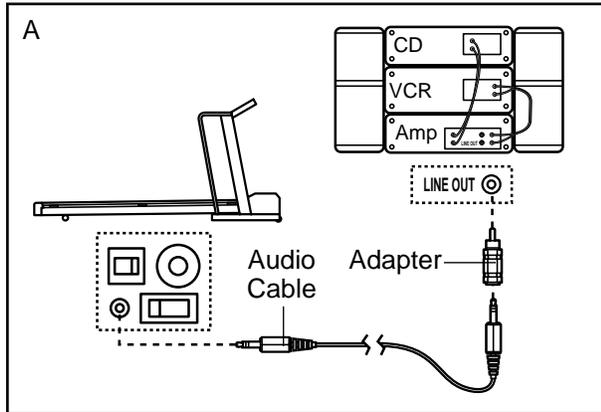
- C. Plug one end of the audio cable into the jack on the front of the treadmill near the power cord. Plug the other end of the cable into a 3.5mm Y-adapter (available at electronics stores). Plug the Y-adapter into the **PHONES** jack on your stereo. Plug your headphones into the other side of the Y-adapter.



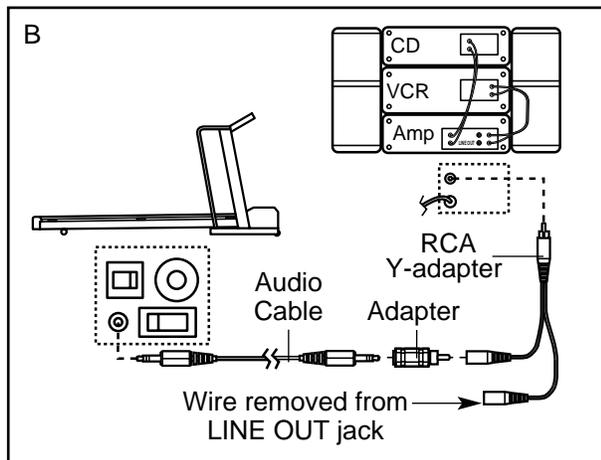
## HOW TO CONNECT YOUR HOME STEREO

**Note:** If your stereo has an unused **LINE OUT** jack, see instruction **A** below. If the **LINE OUT** jack is being used, see instruction **B**.

- A. Plug one end of the audio cable into the jack on the front of the treadmill near the power cord. Plug the other end of the cable into the included adapter. Plug the adapter into the **LINE OUT** jack on your stereo.



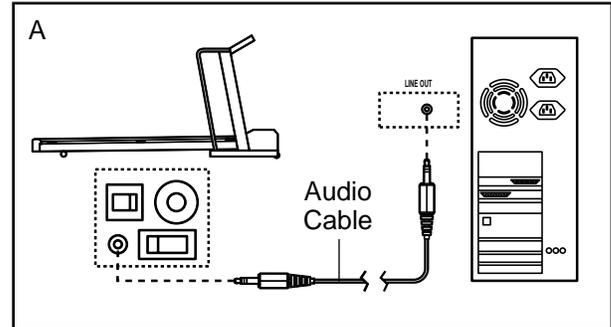
- B. Plug one end of the audio cable into the jack on the front of the treadmill near the power cord. Plug the other end of the cable into the included adapter. Plug the adapter into an **RCA Y-adapter** (available at electronics stores). Next, remove the wire that is currently plugged into the **LINE OUT** jack on your stereo and plug the wire into the unused side of the **Y-adapter**. Plug the **Y-adapter** into the **LINE OUT** jack on your stereo.



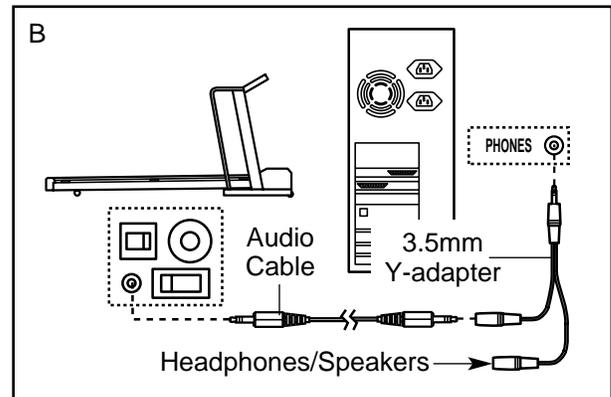
## HOW TO CONNECT YOUR COMPUTER

**Note:** If your computer has a **3.5mm LINE OUT** jack, see instruction **A**. If your computer has only a **PHONES** jack, see instruction **B**.

- A. Plug one end of the audio cable into the jack on the front of the treadmill near the power cord. Plug the other end of the cable into the **LINE OUT** jack on your computer.



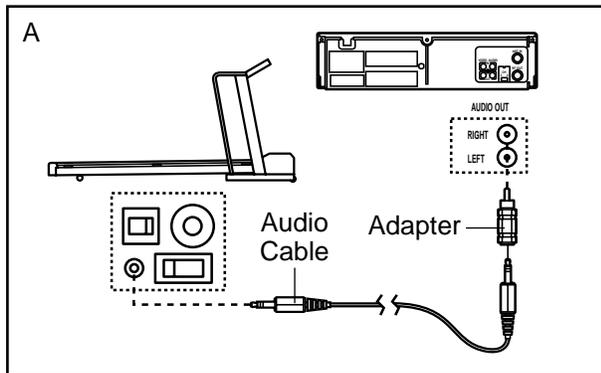
- B. Plug one end of the audio cable into the jack on the front of the treadmill near the power cord. Plug the other end of the cable into a **3.5mm Y-adapter** (available at electronics stores). Plug the **Y-adapter** into the **PHONES** jack on your computer. Plug your headphones or speakers into the other side of the **Y-adapter**.



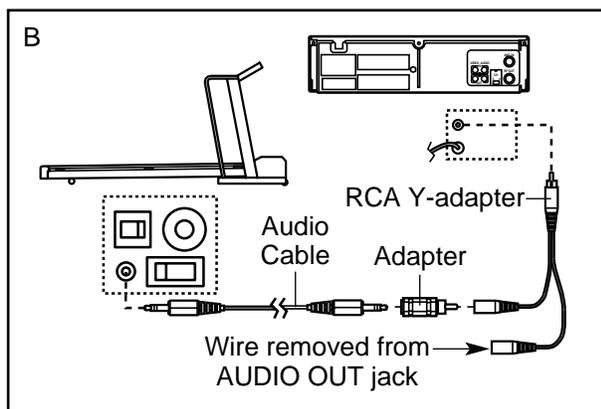
## HOW TO CONNECT YOUR VCR

**Note:** If your VCR has an unused AUDIO OUT jack, see instruction A below. If the AUDIO OUT jack is being used, see instruction B. If you have a TV with a built-in VCR, see instruction B. If your VCR is connected to your home stereo, see **HOW TO CONNECT YOUR HOME STEREO** on page 20.

- A. Plug one end of the audio cable into the jack on the front of the treadmill near the power cord. Plug the other end of the cable into the included adapter. Plug the adapter into the AUDIO OUT jack on your VCR.



- B. Plug one end of the audio cable into the jack on the front of the treadmill near the power cord. Plug the other end of the cable into the included adapter. Plug the adapter into an RCA Y-adapter (available at electronics stores). Next, remove the wire that is currently plugged into the AUDIO OUT jack on your VCR and plug the wire into the unused side of the Y-adapter. Plug the Y-adapter into the AUDIO OUT jack on your VCR.



## HOW TO USE iFIT.COM CD AND VIDEO PROGRAMS

To use iFIT.com CDs or videocassettes, the treadmill must be connected to your portable CD player, portable stereo, home stereo, computer with CD player, or VCR. See **HOW TO CONNECT THE TREADMILL TO YOUR CD PLAYER, VCR, OR COMPUTER** on page 19. **Note:** To purchase iFIT.com CDs or videocassettes, call toll-free 1-800-735-0768.

Follow the steps below to use an iFIT.com CD or video program.

### 1 Insert the key fully into the console.

See GETTING STARTED on page 10.

### 2 Select the iFIT.com mode.

When the key is inserted, the manual mode will be selected. To use an iFIT.com CD or video program, press the iFIT.com button or press the Select Program button repeatedly until the indicator beside the iFIT.com button lights.



### 3 Insert the iFIT.com CD or videocassette.

If you are using an iFIT.com CD, insert the CD into your CD player. If you are using an iFIT.com videocassette, insert the videocassette into your VCR.

### 4 Press the PLAY button on your CD player or VCR.

A moment after the button is pressed, your personal trainer will begin guiding you through your workout. Simply follow your personal trainer's instructions. Note: If the Time display is flashing, press the Start button or the Speed + button on the console. The treadmill will not respond to a CD or video program when the Time display is flashing.

During the CD or video program, an electronic "chirping" sound will alert you when the speed and/or incline of the treadmill is about to change. **CAUTION: Always listen for the "chirp" and be prepared for speed and/or incline changes. In some instances, the speed and/or incline may change before the personal trainer describes the change.**

If the speed or incline settings are too high or too low, you can manually override the settings at any time by pressing the Speed or Incline buttons on the console. However, **when the next “chirp” is heard, the speed and/or incline will change to the next settings of the CD or video program.**

To stop the walking belt at any time, press the Stop button on the console. The Time display will begin to flash. To restart the program, press the Start button or the Speed + button. After a moment, the walking belt will begin to move. **When the next “chirp” is heard, the speed and incline will change to the next settings of the CD or video program.** When the CD or video program is completed, the walking belt will stop and the Time display will begin to flash. Note: To use another CD or video program, press the Stop button or remove the key and go to step 1 on page 21.

**Note: If the speed or incline of the treadmill does not change when a “chirp” is heard:**

- **Make sure that the iFIT.com indicator is lit and that the Time display is not flashing. If the Time display is flashing, press the Start button or the Speed + button on the console.**
- **Adjust the volume of your CD player or VCR. If the volume is too high or too low, the console may not detect the program signals.**

- **Make sure that the audio cable is properly connected, that it is fully plugged in, and that it is not wrapped around a power cord.**
- **If you are using your portable CD player and the CD skips, set the CD player on the floor or another flat surface instead of on the console.**

**5 Follow your progress with the LED track and the displays.**

See step 5 on page 11.

**6 Measure your heart rate, if desired.**

See step 6 on page 12.

**7 When the program is completed, remove the key.**

See step 6 on page 13.

**CAUTION: Always remove iFIT.com CDs and videocassettes from your CD player or VCR when you are finished using them.**

## HOW TO USE PROGRAMS DIRECTLY FROM OUR WEB SITE

Our Web site at [www.iFIT.com](http://www.iFIT.com) allows you to access basic programs, audio programs, and video programs directly from the internet. Additional options are soon to be available. See [www.iFIT.com](http://www.iFIT.com) for details.

To use programs from our Web site, the treadmill must be connected to your home computer. See HOW TO CONNECT YOUR COMPUTER on page 20. In addition, you must have an internet connection and an internet service provider. A list of specific system requirements will be found on our Web site.

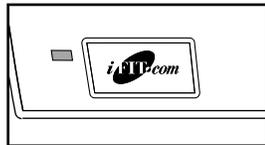
Follow the steps below to use a program from our Web site.

### 1 Insert the key fully into the console.

See GETTING STARTED on page 10.

### 2 Select the iFIT.com mode.

When the key is inserted, the manual mode will be selected. To use a program from our Web site, press the iFIT.com button or press the Select Program button repeatedly until the indicator beside the iFIT.com button lights.



### 3 Go to your computer and start an internet connection.

### 4 Start your web browser, if necessary, and go to our Web site at [www.iFIT.com](http://www.iFIT.com).

### 5 Follow the desired links on our Web site to select a program.

Read and follow the on-line instructions for using a program.

### 6 Follow the on-line instructions to start the program.

When you start the program, an on-screen countdown will begin.

### 7 Return to the treadmill and stand on the foot pads. Find the clip attached to the key and slide the clip onto the waistband of your clothes.

When the on-screen countdown ends, the program will begin and the walking belt will begin to move. Hold the handrails, step onto the walking belt, and begin walking. During the program, an electronic “chirping” sound will alert you when the speed and/or incline of the treadmill is about to change. **CAUTION: Always listen for the “chirp” and be prepared for speed and/or incline changes.**

If the speed or incline settings are too high or too low, you can manually override the settings at any time by pressing the Speed or Incline buttons on the console. **However, when the next “chirp” is heard, the speed and/or incline will change to the next settings of the program.**

To stop the walking belt at any time, press the Stop button on the console. The Time display will begin to flash. To restart the program, press the Start button or the Speed + button. After a moment, the walking belt will begin to move at 1.0 mph. **When the next “chirp” is heard, the speed and incline will change to the next settings of the program.**

When the program is completed, the walking belt will stop and the Time display will begin to flash. Note: To use another program, press the Stop button and go to step 5.

**Note: If the speed or incline of the treadmill does not change when a “chirp” is heard, make sure that the iFIT.com indicator is lit and that the Time display is not flashing. In addition, make sure that the audio cable is properly connected, that it is fully plugged in, and that it is not wrapped around a power cord.**

### 8 Follow your progress with the LED track and the displays.

See step 5 on page 11.

### 9 When the program has ended, remove the key.

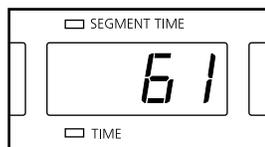
See step 6 on page 13.

## THE INFORMATION MODE/DEMO MODE

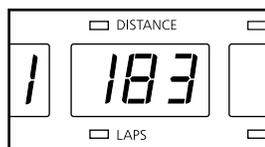
The console features an information mode that keeps track of the total number of hours that the treadmill has been operated and the total number of miles that the walking belt has moved. The information mode also allows you to switch the console from miles per hour to kilometers per hour. In addition, the information mode allows you to turn on and turn off the demo mode.

To select the information mode, hold down the Stop button while inserting the key into the console. When the information mode is selected, the following information will be shown:

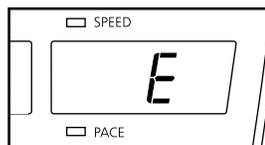
The Time display will show the total number of hours that the treadmill has been used.



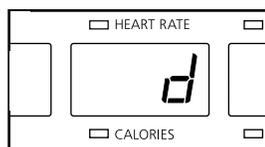
The Distance/Laps display will show the total number of miles that the walking belt has moved.



An E, for English miles, or an M, for metric kilometers, will appear in the Speed/Pace display. Press the Speed + button to change the unit of measurement.



**IMPORTANT: The Heart Rate/Calories display should be blank.** If a "d" appears in the display, the console is in the "demo" mode.



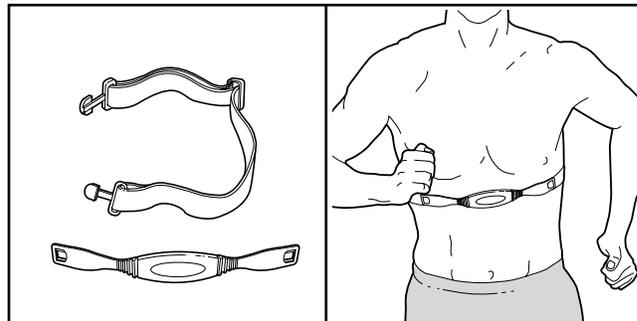
This mode is intended to be used only when a treadmill is displayed in a store. When the console is in the demo mode, the power cord can be plugged in, the key can be removed from the console, and the displays and indicators on the console will automatically light in a preset sequence, although the buttons on the console will not operate. **If a "d" appears in the Heart Rate/Calories display when the information mode is selected, press the Speed - button so the display is blank.**

To exit the information mode, remove the key from the console.

## THE OPTIONAL CHEST PULSE SENSOR

An optional chest pulse sensor adds even more features to the console. The chest pulse sensor provides hands-free operation and allows you to use the console's fitness test program and pulse-driven program.

**To purchase the optional chest pulse sensor, call toll-free 1-800-734-2377.**

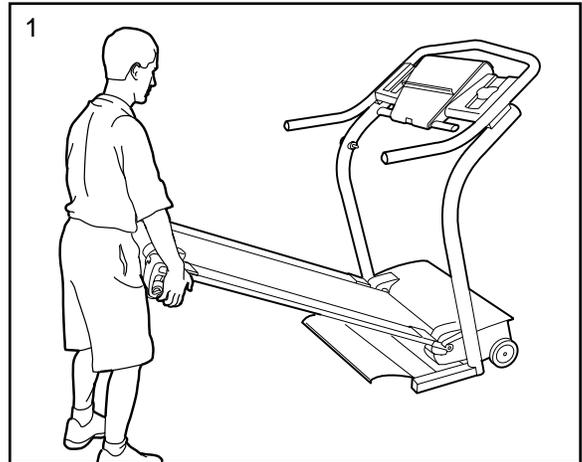


# HOW TO FOLD AND MOVE THE TREADMILL

## HOW TO FOLD THE TREADMILL FOR STORAGE

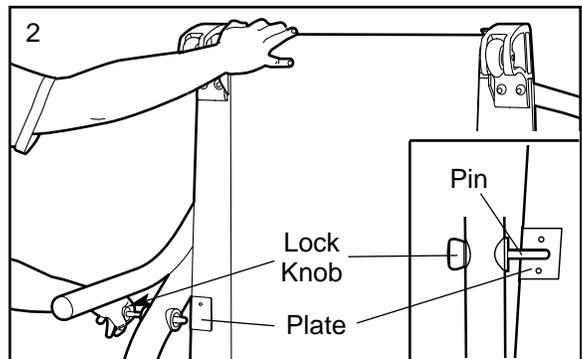
Before folding the treadmill, adjust the incline to the lowest position. If this is not done, the treadmill may be permanently damaged. Remove the key and unplug the power cord. **CAUTION:** You must be able to safely lift 45 pounds (20 kg) in order to raise, lower, or move the treadmill.

1. Hold the treadmill with your hands in the locations shown at the right. **CAUTION: To decrease the possibility of injury, bend your legs and keep your back straight. As you raise the treadmill, make sure to lift with your legs rather than your back.** Raise the treadmill about halfway to the vertical position.



2. Move your right hand to the position shown and hold the treadmill firmly. Pull the lock knob to the left and hold it. Raise the treadmill until the catch plate passes the pin on the lock knob. Release the lock knob. **Make sure that the catch plate is resting against the pin as shown.**

**To protect the floor or carpet from damage, place a mat under the treadmill. Keep the treadmill out of direct sunlight. Do not leave the treadmill in the storage position in temperatures above 85° Fahrenheit.**



## HOW TO MOVE THE TREADMILL

Before moving the treadmill, convert the treadmill to the storage position as described above. **Make sure that the catch plate is resting against the pin on the lock knob.**

1. Hold the handrails as shown and place one foot against a wheel.
2. Tilt the treadmill back until it rolls freely on the front wheels. Carefully move the treadmill to the desired location. **Never move the treadmill without tipping it back. To reduce the risk of injury, use extreme caution while moving the treadmill. Do not attempt to move the treadmill over an uneven surface.**
3. Place one foot on the base, and carefully lower the treadmill until it is resting in the storage position.



## HOW TO LOWER THE TREADMILL FOR USE

1. See drawing 2 above. Hold the upper end of the treadmill with your right hand as shown. Pull the lock knob to the left and hold it. Pivot the treadmill down until the frame is past the pin on the lock knob.
2. See drawing 1 above. Hold the treadmill firmly with both hands, and lower the treadmill to the floor. **CAUTION: To decrease the possibility of injury, bend your legs and keep your back straight.**

# TROUBLESHOOTING

Most treadmill problems can be solved by following the steps below. Find the symptom that applies, and follow the steps listed. If further assistance is needed, please call our Customer Service Department toll-free at 1-888-825-2588, Monday through Friday, 6 a.m. until 6 p.m. Mountain Time (excluding holidays).

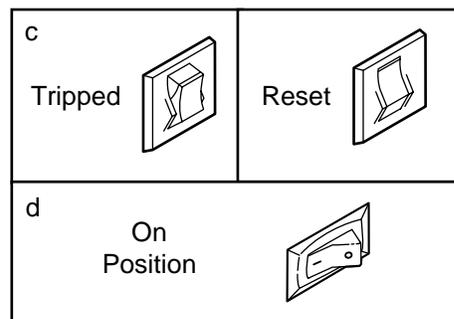
## PROBLEM: The power does not turn on

**SOLUTION:** a. Make sure that the power cord is plugged into a surge suppressor, and that the surge suppressor is plugged into a properly grounded outlet (see page 8). Use only a single-outlet surge suppressor that meets all of the specifications described on page 8. Important: The treadmill is not compatible with GFCI-equipped outlets.

b. After the power cord has been plugged in, make sure that the key is fully inserted into the console.

c. Check the circuit breaker located on the treadmill near the power cord. If the switch protrudes as shown, the circuit breaker has tripped. To reset the circuit breaker, wait for five minutes and then press the switch back in.

d. Check the on/off switch located on the treadmill near the power cord. The switch must be in the on position.



## PROBLEM: The power turns off during use

**SOLUTION:** a. Check the circuit breaker located on the treadmill frame near the power cord (see c. above). If the circuit breaker has tripped, wait for five minutes and then press the switch back in.

b. Make sure that the power cord is plugged in. If the power cord is plugged in, unplug it, wait for five minutes, and then plug it back in.

c. Remove the key from the console. Reinsert the key fully into the console.

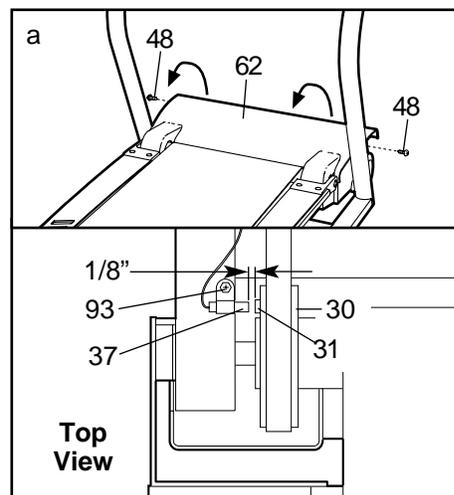
d. Make sure that the on/off switch is in the on position.

e. If the treadmill still will not run, please call our Customer Service Department, toll-free.

## PROBLEM: The displays of the console do not function properly

**SOLUTION:** a. Remove the key from the console and **unplug the power cord**. Remove the indicated Screws (48) from the Hood (62). Carefully rotate and lift the Hood.

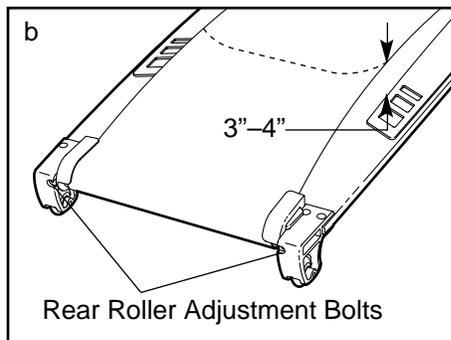
Locate the Reed Switch (37) and the Magnet (31) on the left side of the Pulley (30). Turn the Pulley until the Magnet is aligned with the Reed Switch. **Make sure that the gap between the Magnet and the Reed Switch is about 1/8"**. If necessary, loosen the Screw (93) and move the Reed Switch slightly. Retighten the Screw. Re-attach the hood, and run the treadmill for a few minutes to check for a correct speed reading.



**PROBLEM: The walking belt slows when walked on**

**SOLUTION:** a. Use only a single-outlet surge suppressor that meets all of the specifications described on page 8.

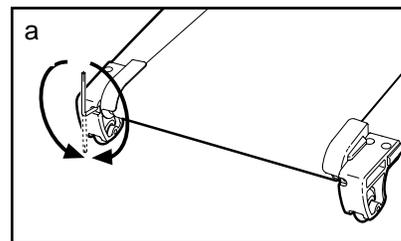
b. If the walking belt is overtightened, treadmill performance may decrease and the walking belt may become damaged. Remove the key and **UNPLUG THE POWER CORD**. Using the allen wrench, turn both rear roller adjustment bolts counterclockwise, 1/4 of a turn. When the walking belt is properly tightened, you should be able to lift each side of the walking belt 3 to 4 inches off the walking platform. Be careful to keep the walking belt centered. Plug in the power cord, insert the key, and run the treadmill for a few minutes. Repeat until the walking belt is properly tightened.



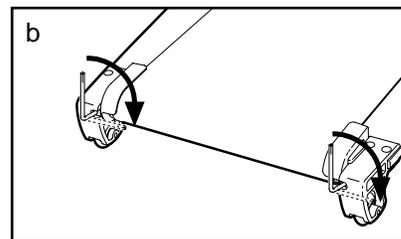
c. If the walking belt still slows when walked on, please call our Customer Service Department, toll-free.

**PROBLEM: The walking belt is off-center or slips when walked on**

**SOLUTION:** a. If the walking belt is off-center, first remove the key and **UNPLUG THE POWER CORD**. **If the walking belt has shifted to the left**, use the allen wrench to turn the left rear roller bolt clockwise 1/2 of a turn; **if the walking belt has shifted to the right**, turn the bolt counterclockwise 1/2 of a turn. Be careful not to overtighten the walking belt. Plug in the power cord, insert the key, and run the treadmill for a few minutes. Repeat until the walking belt is centered.



b. If the walking belt slips when walked on, first remove the key and **UNPLUG THE POWER CORD**. Using the allen wrench, turn both rear roller bolts clockwise, 1/4 of a turn. When the walking belt is correctly tightened, you should be able to lift each side of the walking belt 3 to 4 inches off the walking platform. Be careful to keep the walking belt centered. Plug in the power cord, insert the key, and carefully walk on the treadmill for a few minutes. Repeat until the walking belt is properly tightened.



**PROBLEM: The incline of the treadmill does not change correctly or does not change when iFIT.com CDs and videos are played**

**SOLUTION:** a. With the key in the console, press one of the incline buttons. **While the incline is changing, remove the key**. After a few seconds, re-insert the key. The treadmill will automatically rise to the maximum incline level and then return to the minimum level. This will recalibrate the incline system.

# CONDITIONING GUIDELINES

**⚠ WARNING:** Before beginning this or any exercise program, consult your physician. This is especially important for individuals over the age of 35 or individuals with pre-existing health problems.

The pulse sensor is not a medical device. Various factors, including your movement, may affect the accuracy of heart rate readings. The sensor is intended only as an exercise aid in determining heart rate trends in general.

The following guidelines will help you to plan your exercise program. For more detailed exercise information, obtain a reputable book or consult your physician.

## EXERCISE INTENSITY

Whether your goal is to burn fat or to strengthen your cardiovascular system, the key to achieving the desired results is to exercise with the proper intensity. The proper intensity level can be found by using your heart rate as a guide. The chart below shows recommended heart rates for fat burning and aerobic exercise.

HEART RATE TRAINING ZONES							
AEROBIC	165	155	145	140	130	125	115
MAX FAT BURN	145	138	130	125	118	110	103
FAT BURN	125	120	115	110	105	95	90
Age	20	30	40	50	60	70	80

To find the proper heart rate for you, first find your age near the bottom of the chart (ages are rounded off to the nearest ten years). Next, find the three numbers above your age. The three numbers define your “training zone.” The lower two numbers are recommended heart rates for fat burning; the higher number is the recommended heart rate for aerobic exercise.

To measure your heart rate during exercise, use the pulse sensor on the console.

## Fat Burning

To burn fat effectively, you must exercise at a relatively low intensity level for a sustained period of time. During the first few minutes of exercise, your body uses easily accessible *carbohydrate calories* for en-

ergy. Only after the first few minutes does your body begin to use stored *fat calories* for energy. If your goal is to burn fat, adjust the speed and incline of the treadmill until your heart rate is near the lowest number in your training zone.

For maximum fat burning, adjust the speed and incline of the treadmill until your heart rate is near the middle number in your training zone.

## Aerobic Exercise

If your goal is to strengthen your cardiovascular system, your exercise must be “aerobic.” Aerobic exercise is activity that requires large amounts of oxygen for prolonged periods of time. This increases the demand on the heart to pump blood to the muscles, and on the lungs to oxygenate the blood. For aerobic exercise, adjust the speed and incline of the treadmill until your heart rate is near the highest number in your training zone.

## WORKOUT GUIDELINES

Each workout should include the following three parts:

**A Warm-up**—Start each workout with 5 to 10 minutes of stretching and light exercise. A proper warm-up increases your body temperature, heart rate and circulation in preparation for exercise.

**Training Zone Exercise**—After warming up, increase the intensity of your exercise until your pulse is in your training zone for 20 to 60 minutes. (During the first few weeks of your exercise program, do not keep your pulse in your training zone for longer than 20 minutes.) Breathe regularly and deeply as you exercise—never hold your breath.

**A Cool-down**—Finish each workout with 5 to 10 minutes of stretching to cool down. This will increase the flexibility of your muscles and will help prevent post-exercise problems.

## EXERCISE FREQUENCY

To maintain or improve your condition, complete three workouts each week, with at least one day of rest between workouts. After a few months, you may complete up to five workouts each week if desired. The key to success is to make exercise a regular and enjoyable part of your everyday life.

## SUGGESTED STRETCHES

The correct form for several basic stretches is shown at the right. Move slowly as you stretch—never bounce.

### 1. Toe Touch Stretch

Stand with your knees bent slightly and slowly bend forward from your hips. Allow your back and shoulders to relax as you reach down toward your toes as far as possible. Hold for 15 counts, then relax. Repeat 3 times. Stretches: Hamstrings, back of knees and back.

### 2. Hamstring Stretch

Sit with one leg extended. Bring the sole of the opposite foot toward you and rest it against the inner thigh of your extended leg. Reach toward your toes as far as possible. Hold for 15 counts, then relax. Repeat 3 times for each leg. Stretches: Hamstrings, lower back and groin.

### 3. Calf/Achilles Stretch

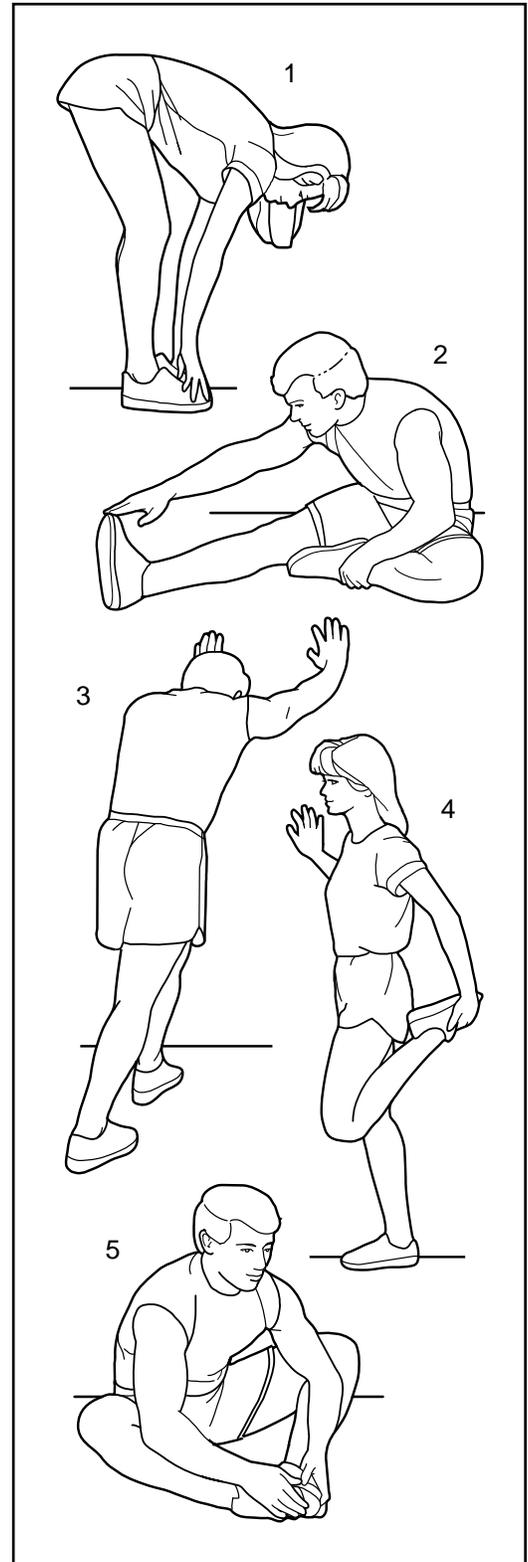
With one leg in front of the other, reach forward and place your hands against a wall. Keep your back leg straight and your back foot flat on the floor. Bend your front leg, lean forward and move your hips toward the wall. Hold for 15 counts, then relax. Repeat 3 times for each leg. To cause further stretching of the achilles tendons, bend your back leg as well. Stretches: Calves, achilles tendons and ankles.

### 4. Quadriceps Stretch

With one hand against a wall for balance, reach back and grasp one foot with your other hand. Bring your heel as close to your buttocks as possible. Hold for 15 counts, then relax. Repeat 3 times for each leg. Stretches: Quadriceps and hip muscles.

### 5. Inner Thigh Stretch

Sit with the soles of your feet together and your knees outward. Pull your feet toward your groin area as far as possible. Hold for 15 counts, then relax. Repeat 3 times. Stretches: Quadriceps and hip muscles.



# PART LIST—Model No. NTL15921

R0103A

To locate the parts listed below, see the EXPLODED DRAWING attached in the center of this manual.

Key No.	Qty.	Description	Key No.	Qty.	Description
1	1	Allen Wrench	53	1	Front Roller Adj. Bolt
2	2	Wheel Bolt	54	1	Ground Wire Screw
3	1	Rear Endcap (Left)	55	2	Motor Bolt
4	2	Roller Adj. Washer	56	1	Incline Bushing
5	2	Rear Roller Adj. Bolt	57	1	Lift Leg
6	2	Rear Wheel	58	4	Plastic Stand-Off
7	2	Frame Pivot Nut	59	1	Power Supply
8	8	Endcap Screw	60	1	Power Supply Bracket
9	1	Roller Guard (Left)	61	4	Cable Tie
10	1	Roller Guard (Right)	62	1	Motor Hood
11	1	Rear Endcap (Right)	63	2	Hood Clip
12	8	Endcap Nut	64	1	Controller
13	8	Endcap Washer	65	1	Controller Bracket
14	1	Rear Roller	66	1	Motor Controller Wire
15	1	Warning Decal	67	1	Power Cord
16	1	Latch Plate	68	1	Power Cord Grommet
17	2	Bent Washer	69	1	Circuit Breaker
18	2	Belt Guide	70	1	12" Audio Wire
19	1	Front Endcap (Left)	71	1	Audio Wire Nut
20	2	Frame Pivot Bolt	72	1	On/Off Switch
21	2	Frame Pivot Washer	73	2	Static Decal
22	1	Foot Grip (Left)	74	1	Belly Pan
23	1	Walking Belt	75	2	Catch Screw
24	1	Walking Platform	76	1	Belly Pan Bracket
25	1	Foot Grip (Right)	77	2	Spring
26	1	Front Endcap (Right)	78	1	Filter Wire
27	1	Ground Wire	79	1	Console Ground Wire
28	2	Support Bracket Screw	80	1	Console Base
29	1	Support Bracket	81	1	Console
30	1	Front Roller/Pulley	82	1	Book Holder
31	1	Magnet	83	1	Handrail
32	1	Motor Belt	84	2	Handrail Endcap
33	1	Motor	85	1	Hand Grip Pulse
34	2	Frame Pivot Bushing	86	4	Grip Pulse Screw
35	2	Frame Pivot Spacer	87	6	Short Console Screw
36	1	Reed Switch Clip	88	2	Long Console Screw
37	1	Reed Switch	89	1	Console Back
38*	1	Idler Assembly	90	1	Base Plate Bumper
39	1	Idler Pulley Bolt	91	1	Base Plate
40	1	Pulley Bushing	92	3	Base Plate Screw
41	1	Idler Pulley	93	19	Base Screw
42	6	Lift Motor Nut/Idler Nut	94	1	Wire Track
43	2	Tension Washer	95	6	Base Pad
44	1	Tension Bolt	96	3	Cage Nut
45	1	Idler Arm Bearing	97	2	Upright Endcap
46	1	Idler Arm	98	1	Key/Clip
47	1	Idler Spring	99	1	Upright
48	4	Hood Mount Screw	100	2	Front Wheel Bolt
49	5	Hood Mount	101	2	Front Wheel Bushing
50	1	Incline Motor	102	2	Front Wheel
51	2	Incline Motor Bolt	103	2	Front Wheel Spacer
52	1	Incline Motor Bracket	104	4	Handrail Bolt

Key No.	Qty.	Description	Key No.	Qty.	Description
105	4	Handrail Washer	120	2	Hood Mount (Side)
106	4	Handrail Bushing	121	4	8" Cable Tie
107	1	Lock Pin	122	1	iFIT.com Audio Cable
108	1	Pin Clip	123	1	Jack
109	1	Lock Pin Collar	124	1	Releaseable Tie
110	1	Lock Knob Spring	#	1	12" Green Wire, F/Ring
111	1	Lock Knob Sleeve	#	1	10" Green Wire, 2 Ring
112	1	Lock Knob Spacer	#	1	4" Green Wire, F/Ring
113	1	Lock Knob	#	1	8" Blue Wire, 2F
114*	1	Latch Assembly	#	1	20" White Wire, 2F
115	1	Grounding Bracket	#	1	4" Black Wire, 2F
116	2	Handrail Spacer	#	1	User's Manual
117	2	Hand Weights			
118	2	Upright Endcap (Round)			
119	2	Wire Harness			

\* Includes all parts shown in the box

# These parts are not illustrated

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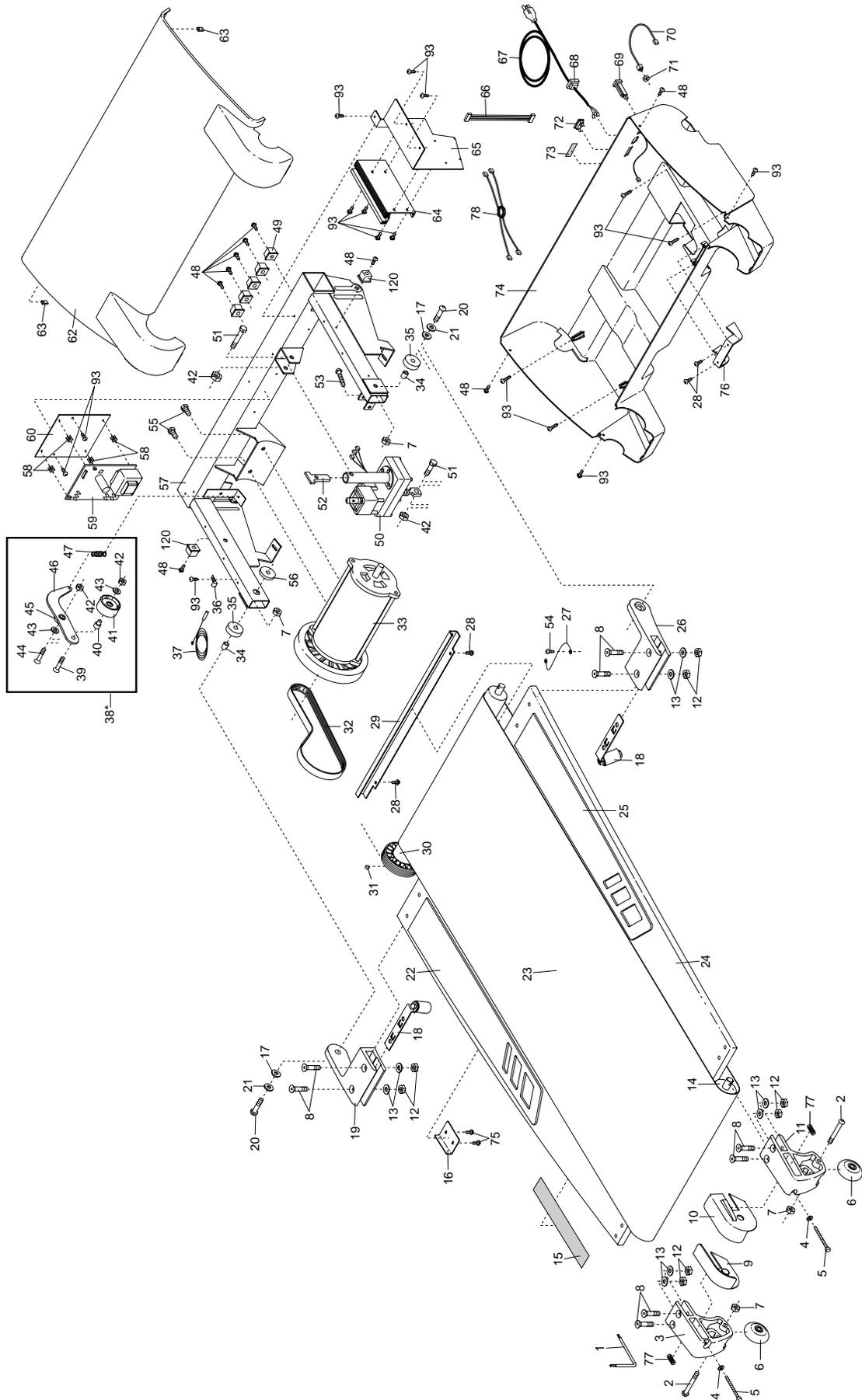
## ORDERING REPLACEMENT PARTS

To order replacement parts, call our Customer Service Department toll-free at 1-888-825-2588, Monday through Friday, 6 a.m. until 6 p.m. Mountain Time (excluding holidays). When ordering parts, please be prepared to give the following information:

- The MODEL NUMBER OF THE PRODUCT (NTL15921)
- The NAME OF THE PRODUCT (NordicTrack® 3100 R treadmill)
- The SERIAL NUMBER OF THE PRODUCT (see the front cover of this manual)
- The KEY NUMBER AND DESCRIPTION OF THE PART(S) (see the PART LIST on pages 30 and 31 and the EXPLODED DRAWING attached in the center of this manual)

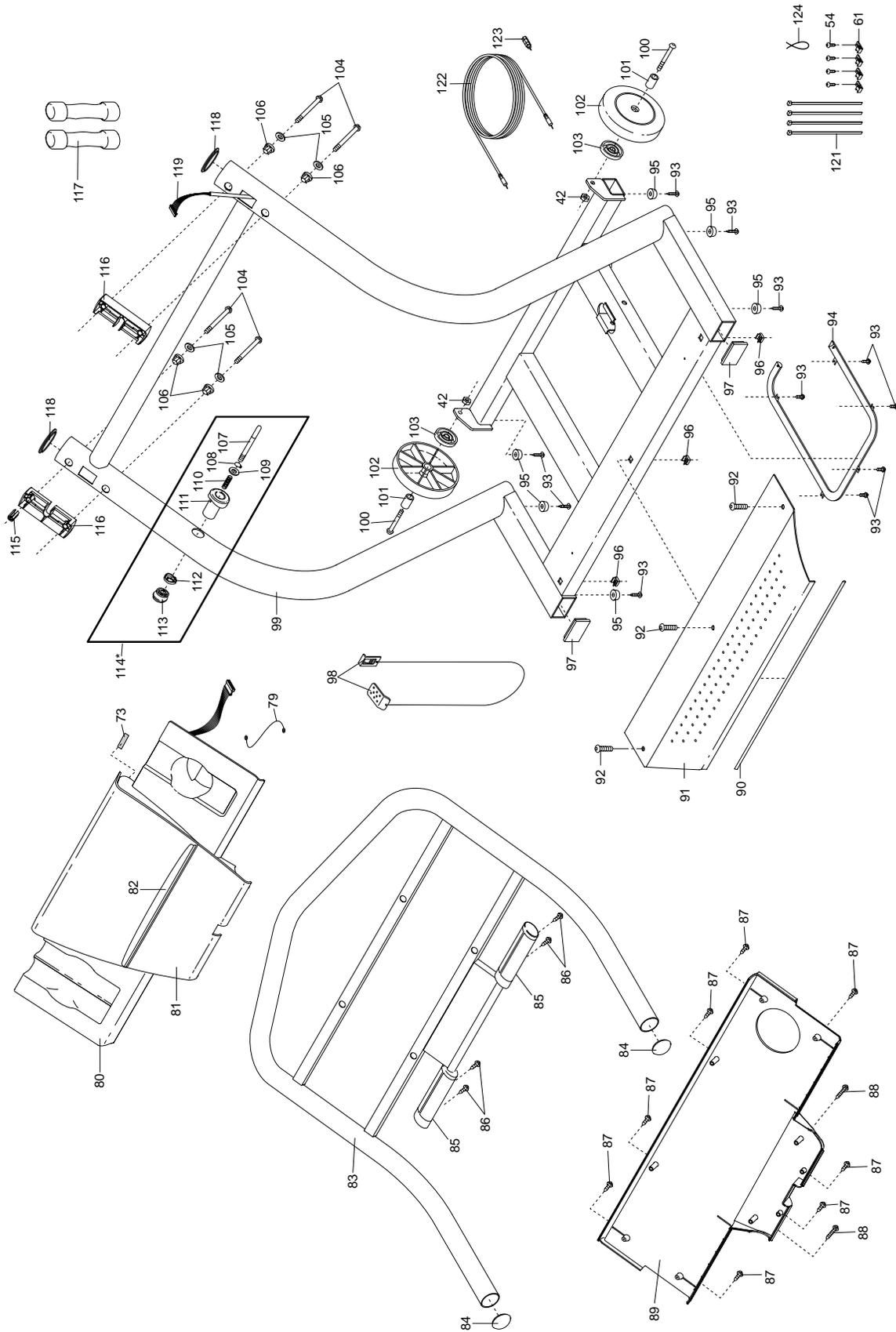
# EXPLODED DRAWING—Model No. NTL15921

R0103A



# EXPLODED DRAWING—Model No. NTL15921

R0103A



## LIMITED WARRANTY

**WHAT IS COVERED**—The entire NordicTrack® 3100 R treadmill (“Product”) is warranted to be free of all defects in material and workmanship.

**WHO IS COVERED**—The original purchaser or any person receiving the Product as a gift from the original purchaser.

**HOW LONG IS IT COVERED**—ICON Health & Fitness, Inc. (“ICON”), warrants the motor for three years after the date of purchase. The belt and deck are covered for two years after the date of purchase. All mechanical components are covered for two years after the date of purchase. All electrical components are covered for two years after the date of purchase. Labor is covered for one year. The hood, covers, belly pan, and decals are covered for six months after the date of purchase.

**WHAT WE DO TO CORRECT COVERED DEFECTS**—We will ship to you, without charge, any replacement part or component, providing the repairs are authorized by ICON first and are performed by an ICON trained and authorized service provider, or, at our option, we will replace the Product.

**WHAT IS NOT COVERED**—Any failures or damage caused by unauthorized service, misuse, accident, negligence, improper assembly or installation, alterations, modifications without our written authorization or by failure on your part to use, operate, and maintain as set out in your User’s Manual (“Manual”). This warranty does not extend to products used for commercial or rental purposes or to products used as store display modules.

**WHAT YOU MUST DO**—Always retain proof of purchase, such as your bill of sale; store, operate, and maintain the Product as specified in the Manual; notify our Customer Service Department of any defect within 10 days after discovery of the defect; as instructed, return any defected part for replacement or, if necessary, the entire product, for repair.

**USER’S MANUAL**—It is VERY IMPORTANT THAT YOU READ THE MANUAL before operating the Product. Remember to do the periodic maintenance requirements specified in the Manual to assure proper operation and your continued satisfaction.

**HOW TO GET PARTS AND SERVICE**—Simply call our Customer Service Department at 1-888-825-2588 and tell them your name and address and the serial number of your Product. They will tell you how to get a part replaced, or if necessary, arrange for service where your Product is located or advise you how to ship the Product for service. Before shipping, always obtain a Return Authorization Number (RA No.) from our Customer Service Department; securely pack your Product (save the original shipping carton if possible); put the RA No. on the outside of the carton and insure the product. Include a letter explaining the product or problem and a copy of your proof of purchase if you believe the service is covered by warranty.

ICON is not responsible or liable for indirect, special or consequential damages arising out of or in connection with the use or performance of the product or damages with respect to any economic loss, loss of property, loss of revenues or profits, loss of enjoyment or use, costs of removal, installation or other consequential damages of whatsoever nature. Some states do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, the above limitation may not apply to you.

The warranty extended hereunder is in lieu of any and all other warranties and any implied warranties of merchantability or fitness for a particular purpose is limited in its scope and duration to the terms set forth herein. Some states do not allow limitations on how long an implied warranty lasts. Accordingly, the above limitation may not apply to you.

No one is authorized to change, modify or extend the terms of this limited warranty.

This warranty gives you specific legal rights and you may have other rights which vary from state to state.

**ICON HEALTH & FITNESS, INC., 1500 S. 1000 W., LOGAN, UT 84321-9813**