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1.1 BEFORE GETTING STARTED

It is the sole responsibility of the purchaser of Matrix Fitness Systems products to instruct all individuals, whether they are the end user or supervising personnel, on proper usage of the equipment.

It is recommended that all users of Matrix Fitness Systems exercise equipment be informed of the following information prior to its use.

1.2 PROPER USAGE

• Do not use the equipment in any way other than designed or intended by the manufacturer. Only equipment designed by Matrix Fitness Systems is used properly to avoid injury.

• Keep hands and feet clear of moving parts at all times to avoid injury.

• Unsupervised children must be kept away from this equipment.

• Do not wear loose clothing while on equipment.

1.3 READ AND SAVE THESE INSTRUCTIONS

This treadmill is intended for commercial use. To ensure your safety and protect the equipment, read all instructions before operating the MATRIX treadmill.

When using an electrical product, basic precautions should always be followed. DANGER:

• To reduce the risk of electric shock. Always unplug this equipment from the electrical outlet immediately after using. WARNING: To reduce the risk of burns, fire, electrical shock or injury to persons that may be associated with using this product:

• An appliance should never be left unattended when plugged in. Unplug from the outlet when not in use and before putting on or taking off parts.

• This product must be used for its intended purpose described in the Owner’s Manual. Do not use other attachments that are not recommended by the manufacturer. Attachments may cause injury.

• To prevent electrical shock, never drop or insert any object into any opening.

• Do not remove the console cover. Service should only be done by an authorized service technician.

• Never operate the treadmill with the air opening blocked. Keep the air opening clean, free of lint and hair.

• Never operate product: If it has a damaged cord or plug, if it is working improperly, if it has been damaged, or immersed in water. Return the unit to a service center for examination and repair.

• Do not carry this unit by its supply cord or use the cord as a handle.

• Keep any power cord away from heated surfaces.

• Close supervision is necessary when treadmill is used by or for children or dable people.

• Do not use outdoors.

• The treadmill shall be installed on a stable base.

• Do not operate where aerosol (spray) products are being used or when oxygen is being administered.

• Do not disconnect, turn all controls to the off position, then remove the plug from outlet.

• Connect this treadmill to a properly grounded outlet only.

• This appliance is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

• Children should be supervised to ensure that they do not play with the appliance.

• If the supply cord is damaged, it must be replaced by a special cord or similar supplied by the manufacturer or its service agent.

WARNING: Exercise on this treadmill can cause injury or death. Use it only under the supervision of a qualified personal trainer. Over exercise may result in serious injury or death. If you feel faint stop exercising immediately.

SAVE THESE INSTRUCTIONS

CHAPTER 1: IMPORTANT SAFETY INSTRUCTIONS

1.4 ELECTRICAL REQUIREMENTS

For your safety and to ensure good treadmill performance, the ground on this circuit must be no-looped. Before connecting the plug into an electrical outlet, make sure that the voltage requirements match that of the voltage of the treadmill.

ATTENTION: Your treadmill is provided with a power cord. Please keep it in a safe place, or with Matrix spare parts, otherwise this may result in damage.

1.5 GROUNDING INSTRUCTIONS

The treadmill must be grounded. If it should malfunction or breakaway, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This treadmill is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. If the user does not follow these instructions, the user could violate the Matrix limited warranty.

DANGER: Improper connection of the equipment-grounding conductor can result in the risk of electric shock. Check with a qualified electrician or serviceperson if the user is 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 technician.

120V UNITS

The Matrix T50X, T50X-U 120-treadmill is for use on a nominal 120-volt circuit and has a non-looped grounding plug. Make sure that the 120-volt treadmill is connected to an outlet, NEMA 5-20R, having the same configuration as the plug. No adapter should be used with this product.

220V UNITS

The Matrix T50X, T50X-U 220-treadmill is for use on a nominal 220-volt circuit and has a no-looped grounding plug. Make sure that the 220-volt treadmill is connected to an outlet, NEMA G-20R, having the same configuration as the plug. No adapter should be used with this product.

CHAPTER 2: PREVENTATIVE MAINTENANCE

2.1 RECOMMENDED CLEANING TIPS

1. Use a soft, clean cotton cloth. DO NOT use paper towels to clean surfaces on the treadmill. Paper towels are abrasive and can damage surfaces.

2. Use a mild soap and damp cloth. DO NOT use ammonia based cleaner. This will cause discoloring of the aluminum and plastics it comes in contact with.

3. Do not pour water or cleaning solutions on any surface. This could cause electrocution.

4. Wipe the console and side rails after every use.

5. Brush away any wax deposits from the deck and belt area. This is a rutted when used on the machine.

6. Be sure to remove any obstructions from the path of the elevation where the treadmill is to be used.

7. Monthly, unplug the treadmill and remove the motor cover. Check for debris and clean with a soft rag or similar.

WARNING: Do not plug the treadmill in until the motor cover has been reinstated.

CAUTION: Be sure to have proper assistance to install and move the machine in order to avoid injury or damage to the treadmill.

2.2 DECK AND BELT REPLACEMENT

One of the most common wear and tear items on a treadmill is the deck and belt combination. If these two items are not properly maintained they can cause damage to other components. This product has been provided with the most advanced maintenance free lubrication system on the market. The Matrix Ultimate DeckTM does not require any maintenance, other than cleaning and belt lightening, for up to 25,000 miles.

WARNING: Do not run the treadmill while the belt and deck. This can cause serious injury and can damage the machine.

Maintain the belt and deck by wiping the sides of the belt and deck with a clean cloth. The belt can also be wiped under the belt 2 inches on both sides removing any dirt or debris.

The deck can be flipped and reinstated or replaced by an authorized service technician. Please contact Matrix Fitness Systems for more information.

2.3 CHECK FOR DAMAGED PARTS

DO NOT use any equipment that is damaged or has worn or broken parts. Use only replacement parts supplied by Matrix Fitness Systems.

MAINTAIN LABELS AND NAMEPLATES. Do not remove labels for any reason. They contain important information. If unreadable or missing, contact Matrix Fitness Systems for a replacement or an authorized service provider.

MAINTAIN ALL EQUIPMENT Preventative maintenance is the key to smooth operation and long life. While the maintenance schedule is a minimum. Equipment needs to be inspected at regular intervals. Defective components must be replaced immediately. Improper working equipment must be kept out of use until it is repaired. Ensure that any person using this equipment is trained to adjust or maintain this equipment. Matrix Fitness Systems will provide service and maintenance training at our corporate facility upon request or in the field if proper arrangements are made.
2.4 ADJUSTING THE BELT

After placing the treadmill in the position it will be used, the belt must be checked for proper tension and centering. The belt might need to be adjusted after the first two hours of use. Temperature, humidity, and use cause the belt to stretch at different rates. If the belt starts to slip when a user is on it, be sure to follow the directions below.

**STEP 1**
Locate the two hex head bolts on the rear of the treadmill. The bolts are located at each end of the frame at the back of the treadmill. These bolts adjust the rear belt roller. Do not adjust until the treadmill is on. This will prevent over tightening of one side.

**STEP 2**
The belt should have equal distance on either side between the frame. If the belt is touching one side, do not start the treadmill. Turn the bolts counter clockwise approximately one full turn on each side. Manually center the belt by pushing the belt from side to side. Tighten the bolts the same amount as when the user loosened them, approximately one full turn. Inspect the belt for damage.

**STEP 3**
While the treadmill is running at 5 km, observe the belt position. If it is moving to the right, tighten the right bolt by turning it clockwise ¼ turn, and loosen the left bolt ¼ turn. If it is moving to the left, tighten the left bolt by turning it clockwise ¼ turn and loosen the right ¼ turn. Repeat Step 3 until the belt remains centered for several minutes.

**STEP 4**
Check the tension of the belt. The belt should be very snug. When a person walks or runs on the belt, it should not hesitate or slip. If this occurs, tighten the belt by turning both bolts clockwise ¼ turn. Repeat if necessary.
CHAPTER 4: OVERLAY AND WORKOUT DESCRIPTION

4.2 T50U CONSOLE DESCRIPTION

WORKOUT KEYS: Simple program view and selection buttons.

QUICK START: One touch Start and Quick Start.

ENTER: To confirm each program setting.

UP/DOWN INCLINE: Easy information and incline selection.

UP/DOWN SPEED: Easy information and speed selection.

EMERGENCY STOP / IMMOBILIZATION: To stop all functions and immobilize the unit. The emergency stop on this treadmill must be returned to its original position in order to allow operation of the unit.

COOL DOWN: Puts treadmill into Cool Down mode. Cool Down time is dependent on the length of the workout. Workouts 19 minutes and shorter will have a cool down length of 2 minutes. Workouts 20 minutes and longer will have a cool down length of 5 minutes.

Use the WORKOUT KEYS to enter the program, or use RIGHT / LEFT arrow keys to scroll to the desired program. The program name is displayed in the PROMPT AREA. Use the RIGHT / LEFT ARROW keys to scroll to desired parameter values displayed in the PROMPT AREA. Press the ENTER key to confirm each selection. Follow the steps to set up each workout.

NOTE: the PROMPT AREA is located in the bottom of WORKOUT PROFILE WINDOW. Before an exercise session, each parameter prompt will appear here depending on different programs.

4.3 MANUAL WORKOUT OPERATION

QUICK START OPERATION

Press the QUICK START button and the treadmill will enter into a manual mode of operation. All energy expenditure values will be calculated using the default weight measurement.

MANUAL WORKOUT OPERATION

Manual is a workout that allows you to manually adjust the speed and incline values at anytime. The manual workout also contains a setup screen which allows you to input your weight to help calculate a more accurate energy expenditure.

To enter into this workout on a T50U or T50U-U, use the following guidelines:

1. Press the “MANUAL” key to enter the program.
2. “SELECT TIME” using the RIGHT / LEFT ARROW keys, and then press ENTER.
3. “SELECT WEIGHT” using the RIGHT / LEFT ARROW keys, and then press ENTER.
4. Press QUICK START to begin the workout.

4.4 OPERATING LEVEL BASED PROGRAMS

Your Matrix treadmill offers a variety of level-based workouts to challenge users at all fitness levels. The following information will briefly explain the workout and how to program the treadmill for each workout selection.

WARM UP

1. Press the “WARM UP” key to enter the program.
2. “SELECT TIME” using the RIGHT / LEFT ARROW keys, and then press ENTER.
3. Press QUICK START to begin the workout.

INTERVAL+

(A) HILL INTERVAL

1. Press the “INTERVAL+” key and use the RIGHT / LEFT ARROW keys to select “HILL INTERVAL”.
2. “SELECT LEVEL” using the RIGHT / LEFT ARROW keys, and then press ENTER.
3. “SELECT TIME” using the RIGHT / LEFT ARROW keys, and then press ENTER.
4. “SELECT WEIGHT” using the RIGHT / LEFT ARROW keys, and then press ENTER.
5. Press QUICK START to begin the workout.

(B) RANDOM HILL

1. Press the “INTERVAL+” key and use the RIGHT / LEFT ARROW keys to select “RANDOM HILL”.
2. “SELECT TIME” using the RIGHT / LEFT ARROW keys, and then press ENTER.
3. “SELECT WEIGHT” using the RIGHT / LEFT ARROW keys, and then press ENTER.
4. Press QUICK START to begin the workout.

MULTI Fx

(A) BRAVE HILL, LAKESIDE & FOREST

1. Press the “MULTI Fx” key and use the RIGHT / LEFT ARROW keys to select “BRAVE HILL, LAKESIDE & FOREST”.
2. “SELECT TIME” using the RIGHT / LEFT ARROW keys, and then press ENTER.
3. “SELECT LEVEL” using the RIGHT / LEFT ARROW keys, and then press ENTER.
4. “SELECT START SPEED” using the RIGHT / LEFT ARROW keys, and then press ENTER.
5. “SELECT WEIGHT” using the RIGHT / LEFT ARROW keys, and then press ENTER.
6. Press QUICK START to begin the workout.

(B) DESERT & PLATEAU

1. Press the “MULTI Fx” key and use the RIGHT / LEFT ARROW keys to select “DESERT & PLATEAU”.
2. “SELECT TIME” using the RIGHT / LEFT ARROW keys, and then press ENTER.
3. “SELECT START SPEED” using the RIGHT / LEFT ARROW keys, and then press ENTER.
4. “SELECT WEIGHT” using the RIGHT / LEFT ARROW keys, and then press ENTER.
5. Press QUICK START to begin the workout.

ATTENTION: The treadmill is going to be standby if there is no one use the machine 5 minutes later, the owner can enter engineering mode and choose “SIP mode” to make a customized time. Maximum: 30 minutes, Minimum: 1 minute.
1. Press the “GOAL” key and use the RIGHT / LEFT ARROW keys to select “TIME GOAL”.
2. “SELECT TIME” using the RIGHT / LEFT ARROW keys, and then press ENTER.
3. “SELECT START INCLINE” using the RIGHT / LEFT ARROW keys, and then press ENTER.
4. “SELECT START SPEED” using the RIGHT / LEFT ARROW keys, and then press ENTER.
5. “SELECT WEIGHT” using the RIGHT / LEFT ARROW keys, and then press ENTER.
6. Press QUICK START to begin the workout.

(B) DISTANCE GOAL
1. Press the “GOAL” key and use the RIGHT / LEFT ARROW keys to select “DISTANCE GOAL”.
2. “SELECT DISTANCE” using the RIGHT / LEFT ARROW keys, and then press ENTER.
3. “SELECT START INCLINE” using the RIGHT / LEFT ARROW keys, and then press ENTER.
4. “SELECT START SPEED” using the RIGHT / LEFT ARROW keys, and then press ENTER.
5. “SELECT WEIGHT” using the RIGHT / LEFT ARROW keys, and then press ENTER.
6. Press QUICK START to begin the workout.

(C) CALORIES GOAL
1. Press the “GOAL” key and use the RIGHT / LEFT ARROW keys to select “CALORIES GOAL”.
2. “SELECT DISTANCE” using the RIGHT / LEFT ARROW keys, and then press ENTER.
3. “SELECT START INCLINE” using the RIGHT / LEFT ARROW keys, and then press ENTER.
4. “SELECT START SPEED” using the RIGHT / LEFT ARROW keys, and then press ENTER.
5. “SELECT WEIGHT” using the RIGHT / LEFT ARROW keys, and then press ENTER.
6. Press QUICK START to begin the workout.

4.5 HEART RATE CONTROL WORKOUT OPERATION
Your Matrix treadmill offers a heartrate control workout mode. The heart rate control workout mode allows the user to program their desired heart rate zone and maximum allowable incline and the treadmill will automatically adjust the incline based upon the user's heart rate. The heart rate zone is shown as colored squares on the display. If your heart rate is above or below the zone, the system will beep. The user may use a telemetric heart rate monitor to continue the heart rate grip for this workout.

4.6 FITTEST TEST WORKOUT OPERATION
The Matrix T50x & T50x-U treadmills offer a variety of fitness protocols.

FIT TRAINER+
FIT TEST & COOPER TEST
1. Press the “FIT TRAINER+” key and use the UP / DOWN ARROW keys to select “FIT TEST” or “COOPER TEST”.
2. “SELECT GENDER” using the UP / DOWN ARROW keys, and then press ENTER.
3. “SELECT AGE” using the UP / DOWN ARROW keys, and then press ENTER.
4. “SELECT WEIGHT” using the UP / DOWN ARROW keys, and then press ENTER.
5. Press QUICK START to begin the workout.

FIT TEST'S RESULT FOR MALE

<table>
<thead>
<tr>
<th>Male</th>
<th>Estimated V02 Max (ml/kg/min) per Age Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age</td>
<td>Very Poor</td>
</tr>
<tr>
<td>15-19</td>
<td>15.0</td>
</tr>
<tr>
<td>20-29</td>
<td>30.0</td>
</tr>
<tr>
<td>30-39</td>
<td>45.0</td>
</tr>
<tr>
<td>40-49</td>
<td>60.0</td>
</tr>
</tbody>
</table>

FIT TEST'S RESULT FOR FEMALE

<table>
<thead>
<tr>
<th>Female</th>
<th>Estimated V02 Max (ml/kg/min) per Age Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age</td>
<td>Very Poor</td>
</tr>
<tr>
<td>15-19</td>
<td>15.0</td>
</tr>
<tr>
<td>20-29</td>
<td>30.0</td>
</tr>
<tr>
<td>30-39</td>
<td>45.0</td>
</tr>
<tr>
<td>40-49</td>
<td>60.0</td>
</tr>
</tbody>
</table>

COOPER TEST'S RESULT FOR MALE

<table>
<thead>
<tr>
<th>Male</th>
<th>Estimated V02 Max (ml/kg/min) per Age Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age</td>
<td>Very Poor</td>
</tr>
<tr>
<td>15-19</td>
<td>15.0</td>
</tr>
<tr>
<td>20-29</td>
<td>30.0</td>
</tr>
<tr>
<td>30-39</td>
<td>45.0</td>
</tr>
<tr>
<td>40-49</td>
<td>60.0</td>
</tr>
</tbody>
</table>

COOPER TEST'S RESULT FOR FEMALE

<table>
<thead>
<tr>
<th>Female</th>
<th>Estimated V02 Max (ml/kg/min) per Age Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age</td>
<td>Very Poor</td>
</tr>
<tr>
<td>15-19</td>
<td>15.0</td>
</tr>
<tr>
<td>20-29</td>
<td>30.0</td>
</tr>
<tr>
<td>30-39</td>
<td>45.0</td>
</tr>
<tr>
<td>40-49</td>
<td>60.0</td>
</tr>
</tbody>
</table>

HEARTRATE+
TARGET HR & WEIGHT LOSS
1. Press the “HEARTRATE+” key and use the RIGHT / LEFT ARROW keys to select “TARGET HR” or “WEIGHT LOSS”.
2. “SELECT AGE” using the RIGHT / LEFT ARROW keys, and then press ENTER.
3. “SELECT HR” using the RIGHT / LEFT ARROW keys, and then press ENTER.
4. “SELECT HR CONTROL” using the RIGHT / LEFT ARROW keys, and then press ENTER.
5. If SPEED is selected, the INSTRUCTION CENTER will display “SET MAX SPEED”. Use the RIGHT / LEFT ARROW key to set MAX SPEED, and then press ENTER.
6. If INCLINE is selected, the INSTRUCTION CENTER will display “SET MAX INCLINE”. Use the RIGHT / LEFT ARROW key to set MAX INCLINE, and then press ENTER.
7. “SELECT WEIGHT” using the RIGHT / LEFT ARROW keys, and then press ENTER.
8. Press QUICK START to begin the workout.

4.6 FITTEST TEST WORKOUT OPERATION
The Matrix T50x & T50x-U treadmills offer a variety of fitness protocol.
### 5.1 T50x, T50x-U Model Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>T50x-U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display type</td>
<td>Workout Profile Window – 7” blue backlit graphic LCD display with transformable buttons, LCD display with transformable buttons, LCD display with transformable buttons</td>
</tr>
<tr>
<td>Display feedback</td>
<td>Time, Speed, Distance, Calories, Incline, Level, Heart Rate, METs, Profile</td>
</tr>
<tr>
<td>Workouts</td>
<td>Manual, Interval (IV) Interval, Random Hill, Self Program, Hill, Mum (Mom), Bike, Turb (Turbulence), Fit (Fit), Pacer, Random, Personal, Walk, Run, Exercise, Revolve, Heart Rate (Heart Rate), Weight Loss, Pacer (Pacer), ( \times 2 ) (Pacer), ( \times 3 ) (Pacer), ( \times 3 ) (Pacer), ( \times 4 ) (Pacer), ( \times 4 ) (Pacer), ( \times 5 ) (Pacer), ( \times 5 ) (Pacer), ( \times 6 ) (Pacer), ( \times 6 ) (Pacer), ( \times 7 ) (Pacer), ( \times 7 ) (Pacer), ( \times 8 ) (Pacer), ( \times 8 ) (Pacer), ( \times 9 ) (Pacer), ( \times 9 ) (Pacer), ( \times 10 ) (Pacer), ( \times 10 ) (Pacer)</td>
</tr>
<tr>
<td>On-the-fly program change</td>
<td>Yes</td>
</tr>
<tr>
<td>Telemetric HR receiver</td>
<td>Yes</td>
</tr>
<tr>
<td>Contact HR sensors</td>
<td>Yes</td>
</tr>
<tr>
<td>Cushion system</td>
<td>Italian-Dek Cushioning system</td>
</tr>
<tr>
<td>Safety stop</td>
<td>Emergency button with taped clip</td>
</tr>
<tr>
<td>Language option</td>
<td>English, Italian, German, Spanish, French, Dutch, Portuguese, Arabic</td>
</tr>
</tbody>
</table>

### Treadmill Specifications

- **Drive motor:** 4.2 HP AC motor
- **Motor control system:** Club Theatrical AC drive
- **Speed range:** 0.8 – 20 km/h / 0.5 – 12 mph
- **Incline range:** 0 – 15%
- **Deck type:** 2” laminate running deck
- **Deck area:** 51 x 133 cm / 20” x 52”
- **Running type:** 2 ply commercial belt
- **Rated belt:** 7.6 cm / 3” Diameter, precision-ground steel, front and back
- **Safety handrails:** 56 cm / 22” long, cardan-locked, integrated Speed and Incline Control
- **Dimensions (L x W x H):** 235 x 88 x 141 cm / 93” x 35” x 55”
- **Product weight:** 165 kg / 365 lbs
- **Maximum user weight:** 220 kg / 480 lbs

### Special Features

- **Integrated accessory tray:** Yes
- **Integrated reading rack:** Yes
- **Maintenance lamp:** Yes
- **Swift Control™ panel:** Yes
- **HR indicator light:** Yes
- **Speed locking light:** Yes

### Entertainment Solutions

- **HDCOM™ ready:** Yes
- **Networking capabilities:** YES
- **Number keys:** Yes

*Product specifications subject to change without notice.*

### 5.2 T50x, T50x-U Model Required Fasteners & Assembly Tools

<table>
<thead>
<tr>
<th>PARTS NO.</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>SKETCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z05</td>
<td>8mm T-SHAPED WRENCH</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Z50</td>
<td>WASHER</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Z51</td>
<td>SOCKET HEAD SCREW (M10 x 1.5P x 25L)</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Z52</td>
<td>SOCKET HEAD SCREW (LOW HEAD) (M8 x 1.25P x 15L)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Z53</td>
<td>CROSS-HEAD BUTTON SCREW (M5 x 0.8P x 12L)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Z54</td>
<td>SOCKET HEAD CAP SCREW (ULTRA LOW HEAD) (M3 x 0.5P x 15L)</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

### Assembly Instructions

Please make sure that the power plug is not plugged into the wall outlet while completing the following procedure. To ensure correct assembly of the T50x and T50x-U, carefully read and follow these steps:

**ATTENTION:** After installation is completed, the treadmill will need to be calibrated by using the AUTO-CHECK function. If this is not done, the treadmill's speed and incline values may be incorrect and damage the treadmill. Do not stand on the belt while performing the AUTO-CHECK function.
5.2 T50x, T50x-U Model Required Fasteners & Assembly Tools

ASSEMBLY EXPLODED DIAGRAM

- ATTENTION
  After assembly and installation is complete the treadmill will need to be calibrated using the AUTO-CHECK feature found in the manager mode screen. Please refer to the Matrix treadmill service manual for instructions on how to enter manager mode. DO NOT stand on the belt while the auto-calibration sequence is in progress.

Prior to assembling the treadmill, unpack all of the contents of the box and make sure that all necessary components are present. Review the contents of the hardware package for completeness. Contact Matrix customer service to report any missing items.

- ASSEMBLY INSTRUCTIONS
  Please make sure that the power plug is not plugged into the wall outlet while completing the following procedure. To ensure correct assembly of the treadmill, carefully read and follow these steps:

**STEP 1**

Unscrew the screw (Q53) on each side, and keep the screws. Remove the motor cover. Pull out the console, antenna coaxial signal and C-SAFE cables and route them through the right console mast. Place the right console mast and then the left console mast in the console support brackets. Secure the right and left bracket with the 4 screws and 2 washers (Z51, Z50). Make sure these screws are tightened.

**STEP 2**
STEP 2

Connect the console cables from the console set to the motor control board cables. Secure the console set with 2 screws (Z52) on each side.

STEP 3

Put the foam armrests (N03, N04) into the armrest frame. Use the caps (N05, N07) to secure them.

Note: The caps separate into right and left, make sure these caps are in the correct position.
5.3 T50x, T50x-U MODEL ASSEMBLY STEPS

**STEP 4**

1. Connect the speed and incline Swift Controls™ cables with the control panels. Secure the Swift Controls™ panels onto the armrests with the 2 screws (Z54) on each side. **Note:** The Swift Controls™ panels separate into right for SPEED control and left for INCLINE control, make sure these panels are in the correct position.

2. Place the motor cover onto the treadmill front end and secure with the screws (Q53) included in the motor cover and the screws (Z53) provided in the hardware kit. Plug the power cable into the outlet.

Assembly is completed and the auto-calibration sequence must be run at this time.