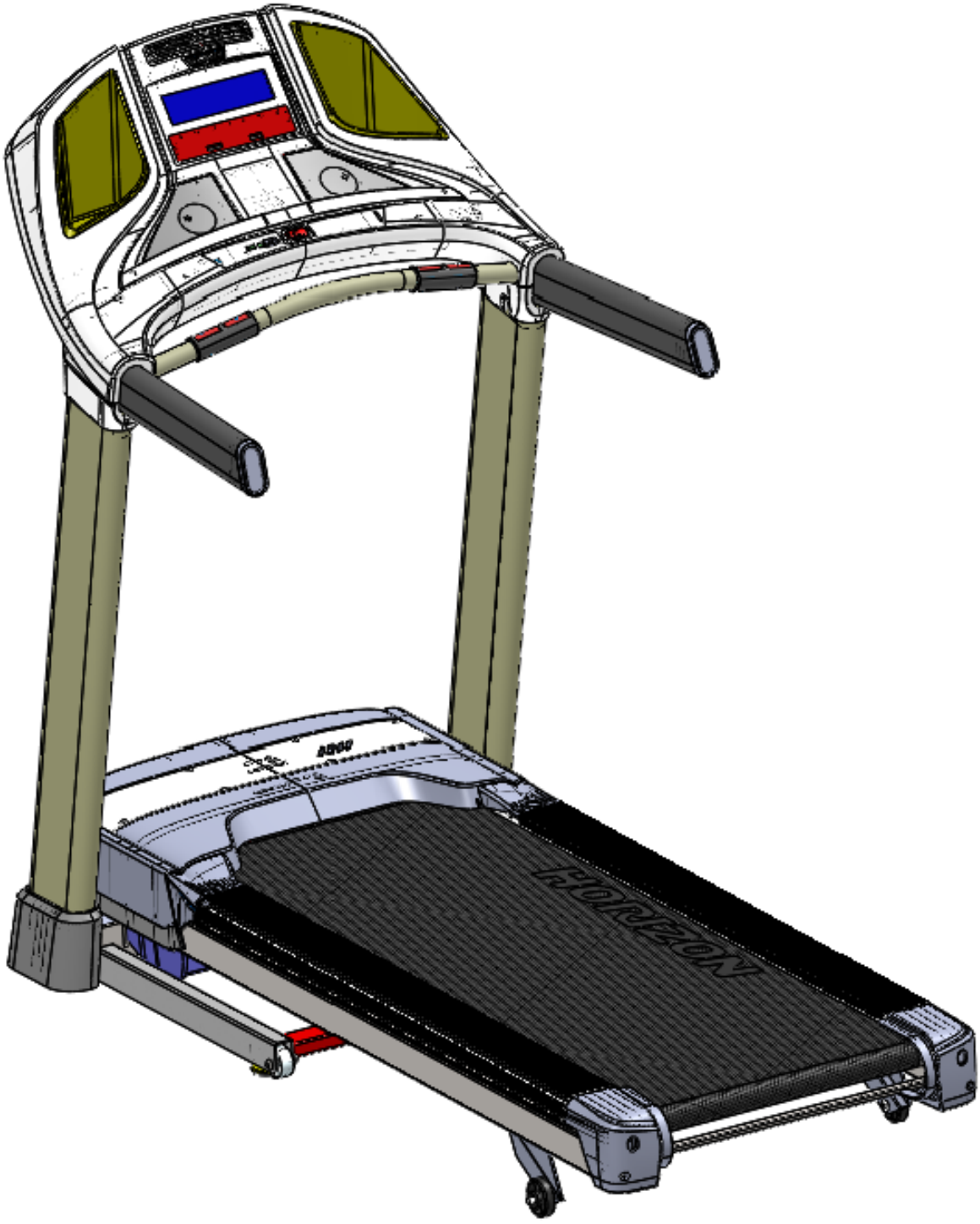
Johnson Industries (Shanghai) Co.,Ltd

Elite T5(TM723) /T7-02(TM475C)
T9-02(TM724)
Service Manual

Approval	Review	Editor
Kyle Schweitzer		Alex Tang

Production Browse

Elite T5 (TM723)



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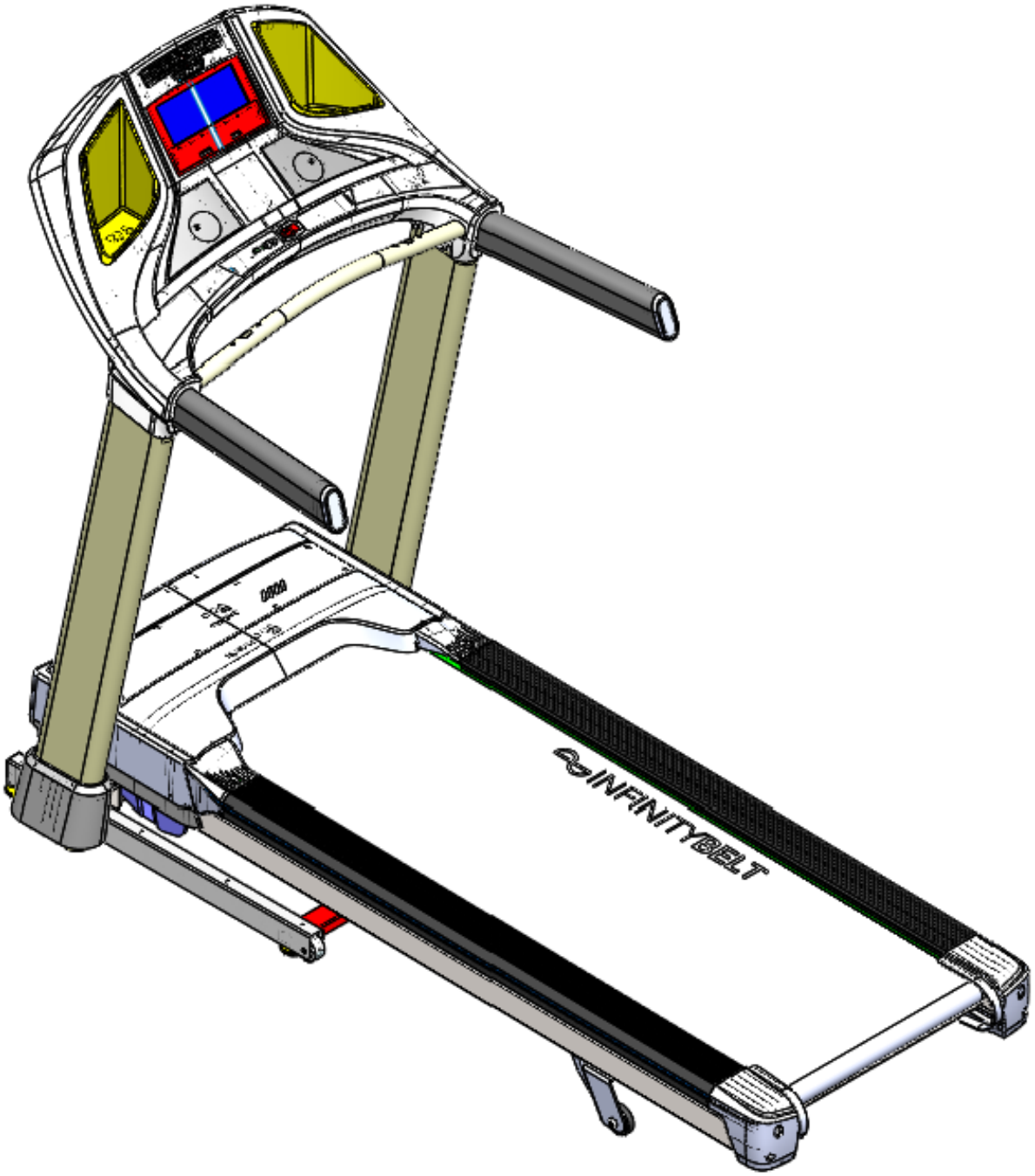

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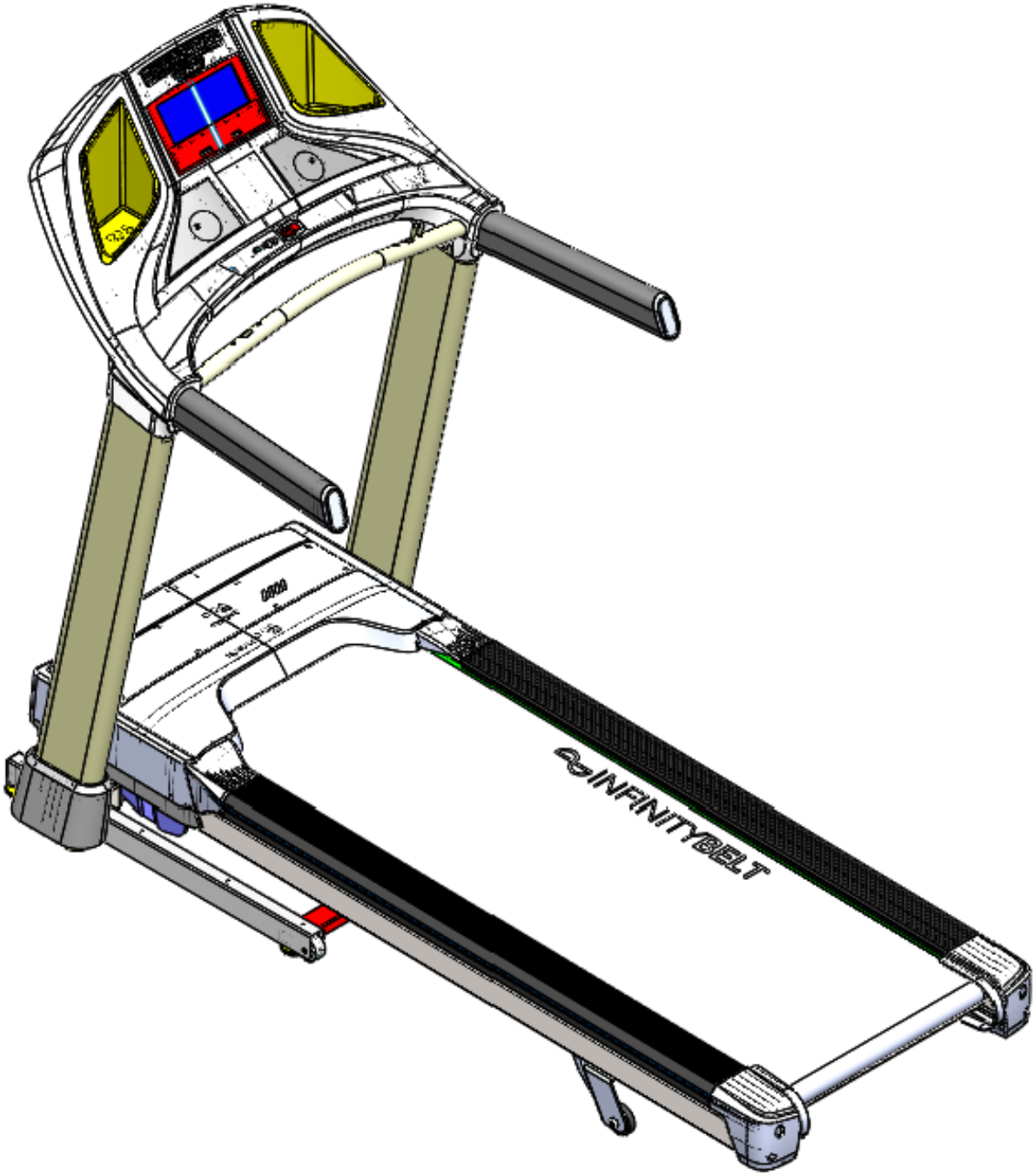
Elite T9-02 (TM724)



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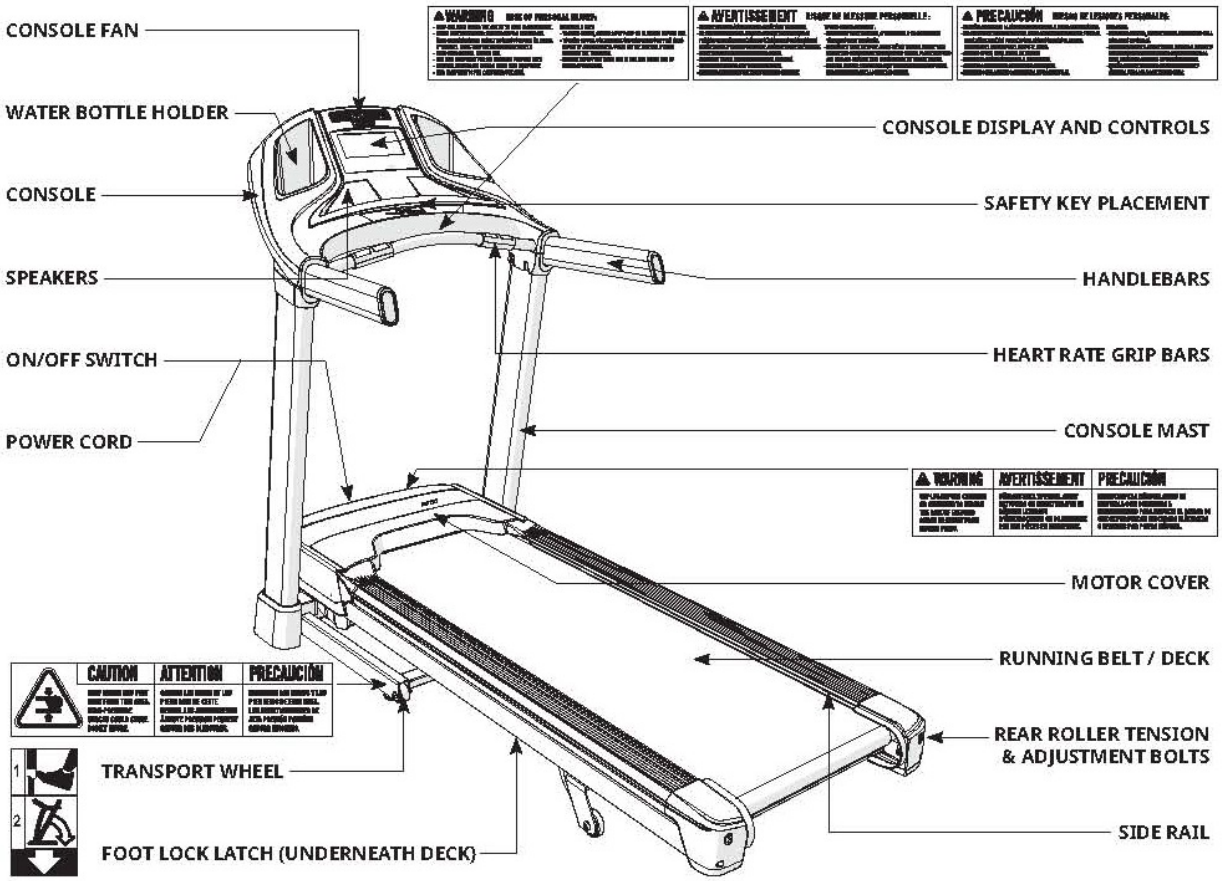
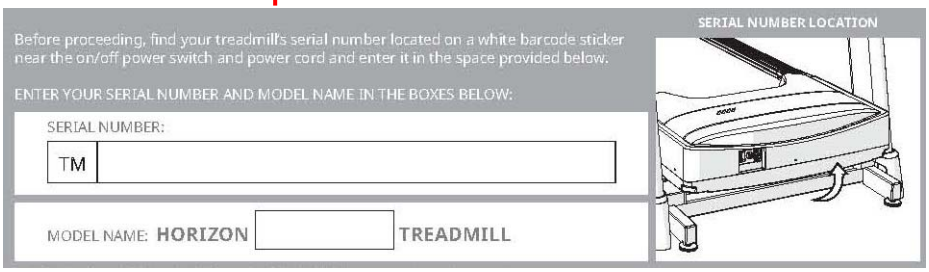
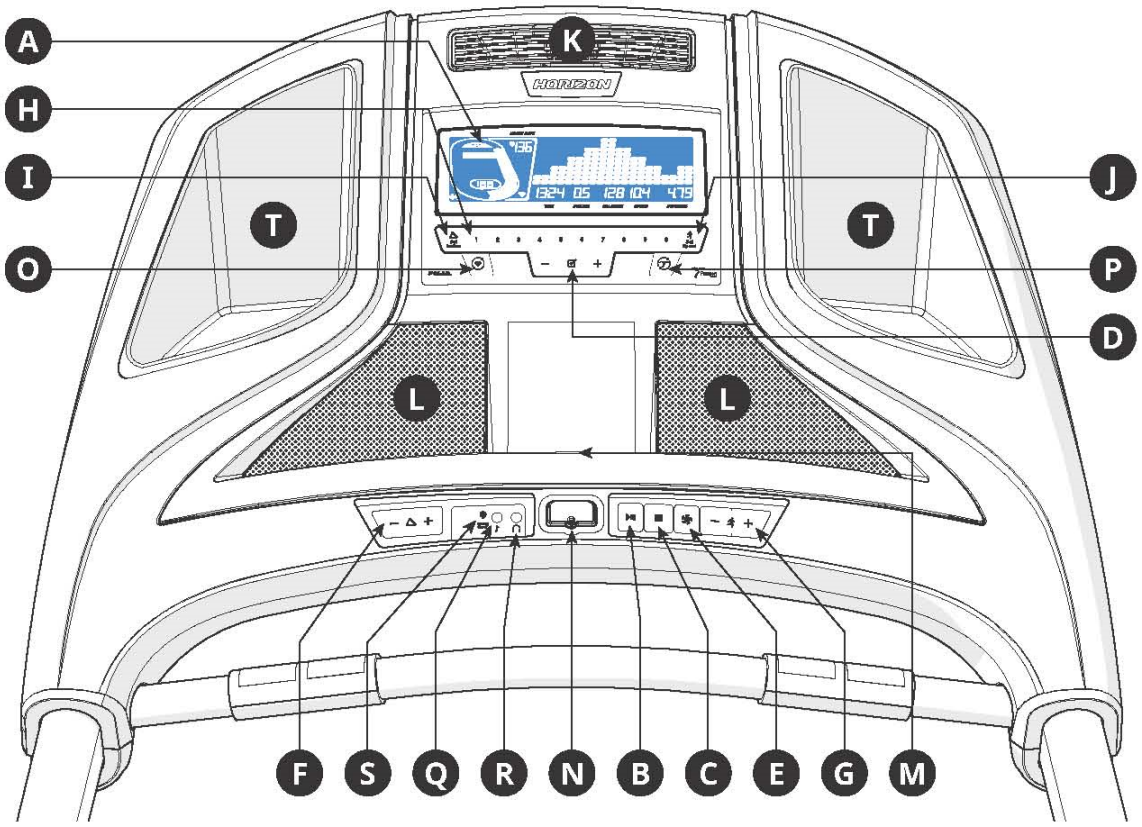
Serial Number Location-T5 & T7-02 & T9-02





CHAPTER 2: Console Instruction

2.1 Console Operation : T5



Note: There is a thin protective sheet of clear plastic on the overlay of the console that should be removed before use.

A) LCD DISPLAY WINDOW: time, distance, speed, calories, incline, laps, and heart rate.

B) (START/PAUSE KEY): press to start workout and pause workout.

C) (STOP KEY): press to stop workout. Hold to reset console.

D) (ENTER KEY): press to confirm selection during programming setup. Hold to reset console.

E) (FAN KEY): press to turn fan on and off.

F) INCLINE KEYS: press to adjust incline level.

G) SPEED KEYS: press to adjust speed level.

H) QUICK ADJUST KEYPAD: quickly access any incline or speed level by typing the number and pressing SET INCLINE (I) or SET

SPEED (J) keys. Examples:

.To change the incline to 4.0%, press 4–0–SET INCLINE.

.To change the speed level to 12, press 1–2–0-SET SPEED.

CHAPTER 2: Console Instruction

2.1. Console Operation : T5

I) SET INCLINE KEY: press to change incline to level entered into keypad.

J) SET SPEED KEY: press to change resistance to level entered into keypad.

K) FAN: personal workout fan.

L) SPEAKERS: plays music through speakers when connected to your media player.

M) READING RACK: holds reading material.

N) SAFETY KEY: enables treadmill when safety key is inserted.

O) WI-FI CONNECT & SYNC: press to reset and connect your wireless internet connection. See Page 12 for more info.

P) PASSPORT CONNECT & SYNC: press to reset and connect your Passport box for Virtual Active programming.

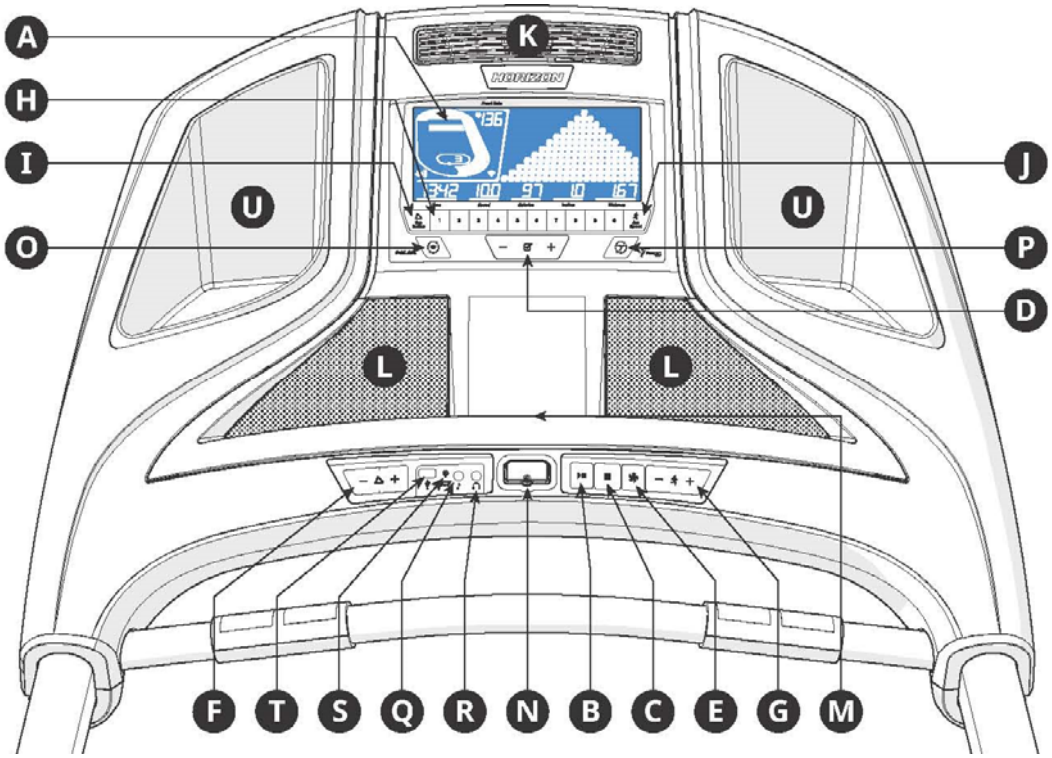
Q) AUDIO IN JACK: plug your media player into the console using the included audio adaptor cable.

R) AUDIO OUT/HEADPHONE JACK: plug your headphones into the console to use them instead of the console speakers.

S) ENERGY SAVER LIGHT: indicates if machine is in Energy Saver mode.

T) WATER BOTTLE POCKETS: holds personal workout equipment.

2.1. Console Operation : T7-02



CHAPTER 2: Console Instruction

2.1. Console Operation : T7-02

Note: There is a thin protective sheet of clear plastic on the overlay of the console that should be removed before use.

A) LCD DISPLAY WINDOW: time, distance, speed, calories, incline, laps, and heart rate.

B) (START/PAUSE KEY): press to start workout and pause workout.

C) (STOP KEY): press to stop workout. Hold to reset console.

D) (ENTER KEY): press to confirm selection during programming setup. Hold to reset console.

E) (FAN KEY): press to turn fan on and off.

F) INCLINE KEYS: press to adjust incline level.

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H) QUICK ADJUST KEYPAD: quickly access any incline or speed level by typing the number and pressing SET INCLINE (I) or SET

SPEED (J) keys. Examples:

To change the incline to 4.0%, press 4–0–SET INCLINE.

To change the speed level to 12, press 1–2–0-SET SPEED.

I) SET INCLINE KEY: press to change incline to level entered into keypad.

J) SET SPEED KEY: press to change resistance to level entered into keypad.

K) FAN: personal workout fan.

L) SPEAKERS: plays music through speakers when connected to your media player.

M) READING RACK: holds reading material.

N) SAFETY KEY: enables treadmill when safety key is inserted.

O) WI-FI CONNECT & SYNC: press to reset and connect your wireless internet connection. See Page 12 for more info.

P) PASSPORT CONNECT & SYNC: press to reset and connect your Passport box for Virtual Active programming.

Q) AUDIO IN JACK: plug your media player into the console using the included audio adaptor cable.

R) AUDIO OUT/HEADPHONE JACK: plug your headphones into the console to use them instead of the console speakers.

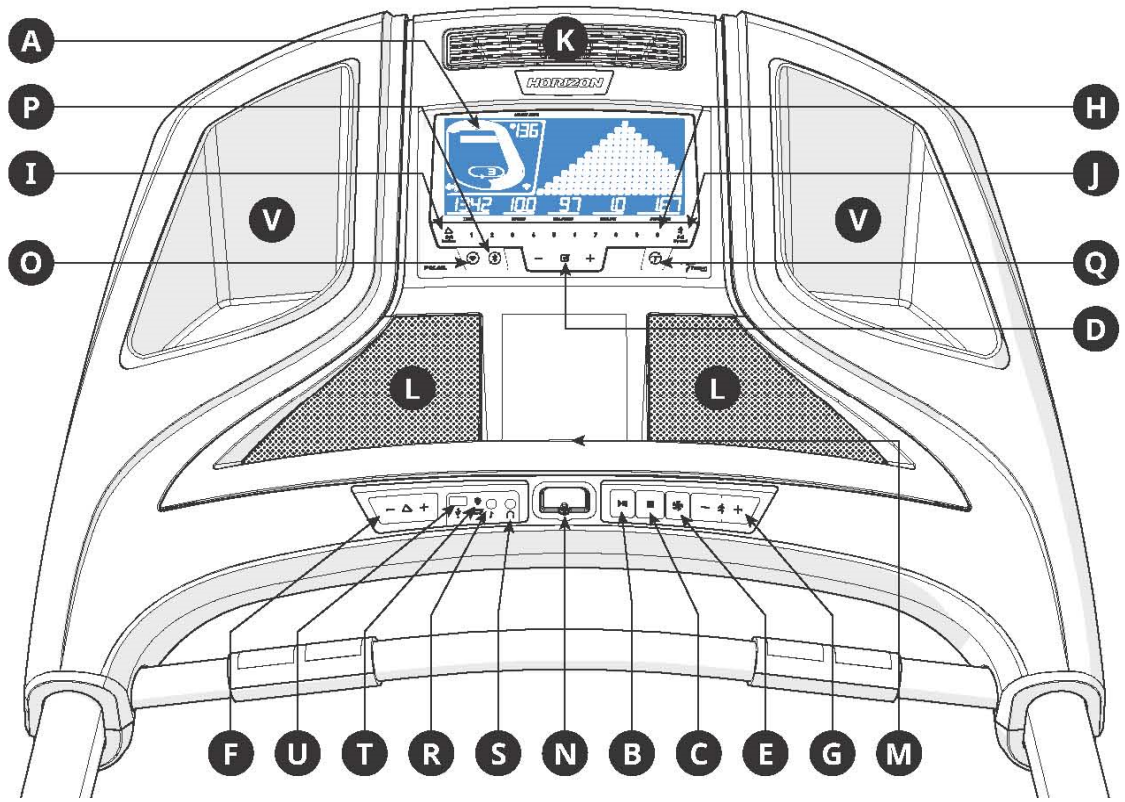
S) ENERGY SAVER LIGHT: indicates if machine is in Energy Saver mode.

T) USB PORT: used for software updates or to charge devices less than 1 amp.

U) WATER BOTTLE POCKETS: holds personal workout equipment.

CHAPTER 2: Console Instruction

2.1. Console Operation : T9-02



Note: There is a thin protective sheet of clear plastic on the overlay of the console that should be removed before use.

A) LCD DISPLAY WINDOW: time, distance, speed, calories, incline, laps, and heart rate.

B) (START/PAUSE KEY): press to start workout and pause workout.

C) (STOP KEY): press to stop workout. Hold to reset console.

D) (ENTER KEY): press to confirm selection during programming setup. Hold to reset console.

E) (FAN KEY): press to turn fan on and off.

F) INCLINE KEYS: press to adjust incline level.

G) SPEED KEYS: press to adjust speed level.

H) QUICK ADJUST KEYPAD: quickly access any incline or speed level by typing the number and pressing SET INCLINE (I) or SET

SPEED (J) keys. Examples:

To change the incline to 4.0%, press 4–0–SET INCLINE.

To change the speed level to 12, press 1–2–0-SET SPEED.

I) SET INCLINE KEY: press to change incline to level entered into keypad.

J) SET SPEED KEY: press to change resistance to level entered into keypad.

K) FAN: personal workout fan.

CHAPTER 2: Console Instruction

2.1. Console Operation : T9-02

L) SPEAKERS: plays music through speakers when connected to your media player.

M) READING RACK: holds reading material.

N) SAFETY KEY: enables treadmill when safety key is inserted.

O) WI-FI CONNECT & SYNC: press to reset and connect your wireless internet connection. See Page 12 for more info.

P) BLUETOOTH PAIRING: press and hold to pair Bluetooth device. See Page 19 for more info.

Q) PASSPORT CONNECT & SYNC: press to reset and connect your Passport box for Virtual Active programming.

R) AUDIO IN JACK: plug your media player into the console using the included audio adaptor cable.

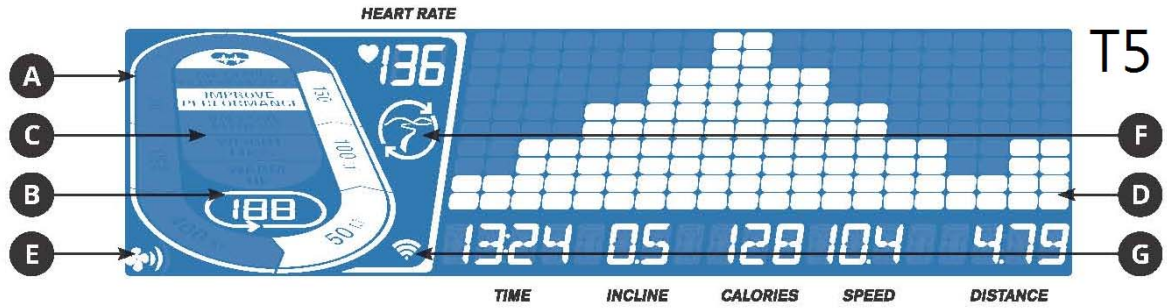
S) AUDIO OUT/HEADPHONE JACK: plug your headphones into the console to use them instead of the console speakers.

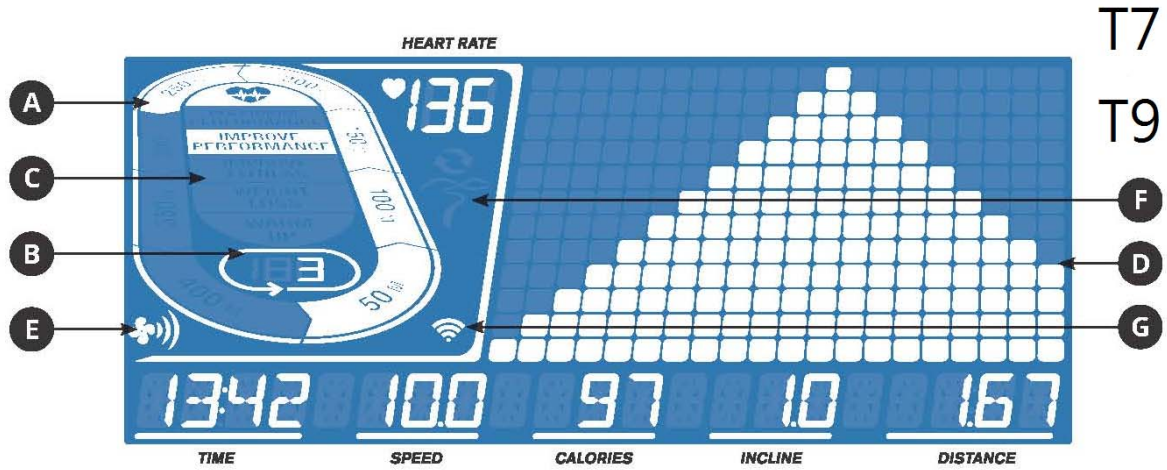
T) ENERGY SAVER LIGHT: indicates if machine is in Energy Saver mode.

U) USB PORT: used for software updates or to charge devices less than 1 amp.

V) WATER BOTTLE POCKETS: holds personal workout equipment.

2.1. Console Operation : Display Function- T5 & T7-02 & T9-02





CHAPTER 2: Console Instruction

2.1. Console Operation : Display Function-T5 & T7-02 & T9-02

TIME: Shown as minutes : seconds. View the time remaining or the time elapsed in your workout.

SPEED: Shown as MPH. Indicates how fast the foot pads is moving.

CALORIES: Total calories burned or remaining for your workout.

DISTANCE: Shown as miles. Indicates distance traveled or distance remaining during your workout.

INCLINE: Shown as percent.

HEART RATE: Shown as BPM (beats per minute). Used to monitor your heart rate (displayed when contact is made with both pulse grips).

A) TRACK: Follows progress around a simulated track. Segments light up with every 50 meters completed.

B) LAPS: Shows how many laps have been completed. One lap is 400 meters (. mile).

C) HEART RATE ZONE: Displays what activity zone you are in during your workout (displayed when contact is made with both pulse grips or when using a wireless heart rate strap).

.WARM UP: 0-60% of maximum heart rate

.WEIGHT LOSS: 60-70% of maximum heart rate

. IMPROVE FITNESS: 70-80% of maximum heart rate

. IMPROVE PERFORMANCE: 80-90% of maximum heart rate

. MAXIMUM PERFORMANCE: 90-100% of maximum heart rate

D) PROGRAM PROFILE: Represents the profile of the program being used (speed during speed based programs and incline during incline based programs).

E) FAN: Indicates fan setting (low, medium, high).

F) PASSPORT: Indicates Passport box connection is present.

G) WI-FI: Indicates wireless connection is present and the strength (low, medium, high).

SET UP XID ACCOUNT FOR VIA FIT CONNECTIVITY

Creating an xID account will allow you to save and share workout data online at www.ViaFitness.com

Up to four users can be saved on a machine. This process is the first step in connecting your equipment. It must be done from a

computer, tablet, or mobile device that is connected to the internet.

1) Visit the web site: www.ViaFitness.com

2) Once at the web site, select the CONNECT YOUR EQUIPMENT option on the top menu bar.

3) The first step in connecting your equipment will to be creating your xID account. This will be your login to Via Fit.

CHAPTER 2: Console Instruction

2.1. Console Operation : Display Function– T5 & T7-02 & T9-02

SET UP XID ACCOUNT FOR VIA FIT CONNECTIVITY

4) Enter your phone number or another easy-to-remember 10-14 digit number. This will be your account number.

5) Fill in your profile information to finish the xID account set up process. You will be asked to provide an email address not

associated with any other xID account. Check your email after the set-up process for a link to validate your account.

CONNECT WI-FI

Once you have created your xID account, you will be able to move on to activating the Wi-Fi on your equipment. Reminder, this

requires you to use your computer, tablet, or mobile device that is connected to the internet.

1) Press and hold for 3-5 seconds until you see the message ACTIVATED on your screen.

2) On your computer or other device, go to your Wi-Fi settings. You should select the network with your model name. Doing this

enables you to connect your equipment to your wireless network.

3) A new window will pop up with the list of wireless networks your equipment can see. Select your home Wi-Fi network and connect.

4) The remaining step is to reconnect your computer or other device back to your Wi-Fi network. Go to your settings again and

connect as you normally would.

Congratulations! You are now connected and ready to get started.

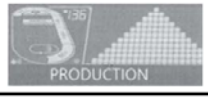
CHAPTER 3 : Engineering mode

3.0 Engineering mode instruction.

ENG No	Function		Operation	Display show as
0	DISPLAY TEST	Ready	Press incline “+” and speed“-” in same time 3 seconds	
		All key light up	Press “START" to select	
		All key light off	Press “STOP” to select	
		Relate display	Press relate Key	
		digit 0-9	Press speed "+" or speed "-"	
		Escape present function	Press “STOP” 3 seconds	
		Escape to Select user	Press “STOP” 3 seconds	
1	HARDWARE TEST	Ready	Press incline “+” and speed“-” in same time 3 sec .	
		1.Display 2.Incline ADC value 3.Motor RPM value 4.Hand grip/wireless heart rate value	1.Press"start" to select 2. Press incline +/- adjust ADC value 3. Press Speed +/- adjust RPM value	
		WIFI Test	Press "enter" to select	
			0.Press"start" to select Display " please wait" 1.WIFI Test OK: Display WIFI test ok. 2. Test fail : waiting 2 minutes display " no MAC address ". 3.Test fail: waiting 2 minutes display "No IP address"	 
		escape present function	Press “stop” 3 seconds	
2	NOT AVAILABLE			

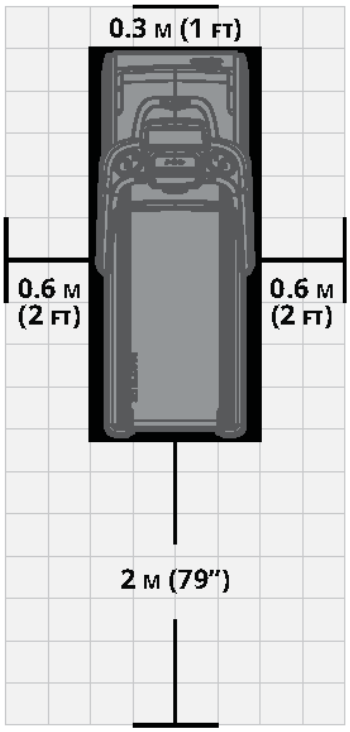
CHAPTER 3 : Engineering mode

3.0. Engineering mode instruction.

ENG No	Function		Operation	Display show as
3	SWITCH FUNCTION	Ready	Press "enter " to select to enter ENG3;	
		P1 :Standard Switch	Press "+/- " to select METRIC/ENGLISH	
		P2 :Language Switch	Press "+/- " to select	
		P3/P4 Not available	Press "+/- " to select	
		P5: ERP Switch	Press "+/- " to select ERERGY SAVE ON/OFF	
		P6 :BOOT	Press "+/- " to select ON/OFF	
		escape ENG 0 function	Press “stop” 3 seconds	
4	INFORMATION	Ready	Press "enter " to select to enter ENG4;	
		Accumulated information(distance &time)	press "Enter" to select	
		CCB version	press "Enter" to select	
		MCB version	press "Enter" to select	
		escape ENG 0 function	Press “stop” 3 seconds	
5	DPAI SERVICE	Ready	Press "enter " to select to enter ENG5;	
		PRODUCTION SERVICE	Press" +/-" to select	
		QA SERVICE	Press" +/-" to select	
		STAGING SERVICE	Press" +/-" to select	
		escape ENG 0 function	Press “stop” 3 seconds	
	PASSPORT	Ready	Press "Passport " 3 second to enter	
			While SYNC Success	PASSPORT READY

CHAPTER 4 Basic Machine Maintain

4.1LOCATION OF THE TREADMILL



Place the treadmill on a level and stable surface. There should be one foot of clearance in front of the treadmill for the power cord. Please leave a clear zone behind the treadmill that is at least the width of the treadmill and at least 79" (2 meters) long. This zone must be clear of any obstruction and provide the user a clear exit path from the machine. In case of an emergency, place both hands on the side arm rests to hold yourself up and place your feet onto the side rails.

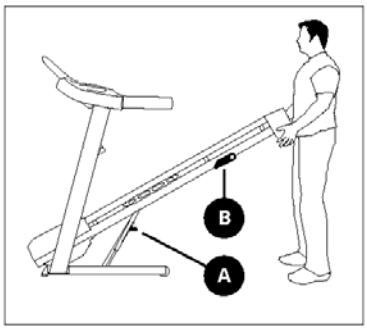
For ease of access, there should be an accessible space preferentially on both sides of the treadmill equal to 2 ft (0.6 meters) to allow a user access to the treadmill from either side.

Do not place the treadmill in any area that will block any vent or air openings. The treadmill should not be located in a garage, covered patio, near water or outdoors.

WARNING!

Our treadmills are heavy; use care and additional help if necessary when moving. Do not attempt to move or transport treadmill unless it is in the upright, folded position with the lock latch secured. Failure to follow these instructions could result in injury.

4.2 FOLDING TREADMILLS



Some treadmills have a deck that can fold for storage and transport. To fold, firmly grasp the back end of the treadmill. Carefully lift the end of the treadmill deck into the upright position until the lock latch engages and securely locks the deck into position. Make sure the deck is securely latched before letting go.

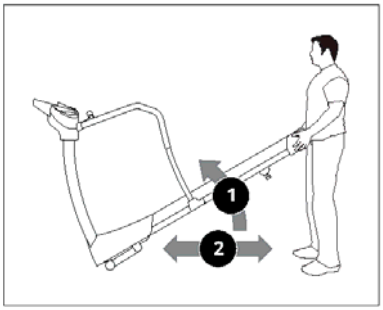
UNFOLDING

Firmly grasp the back end of the treadmill. If your treadmill has a FOOT LOCK LATCH (A), to unfold, gently press down on the foot lock latch with your foot until the lock latch disengages. If your treadmill has a DECK LOCK LATCH (B), pull the deck lock latch to release the deck. Carefully lower the deck to the ground.

MOVING: NON FOLDING

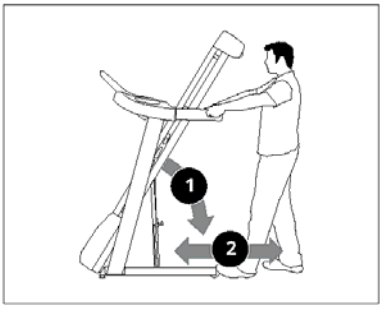
To move, firmly grasp rear frame and

tilt the treadmill up (1) and roll (2).



MOVING: FOLDING 2 WHEELS

To move, make sure the treadmill is folded and securely latched. Then firmly grasp the handlebars, tilt the treadmill back (1) and roll (2).

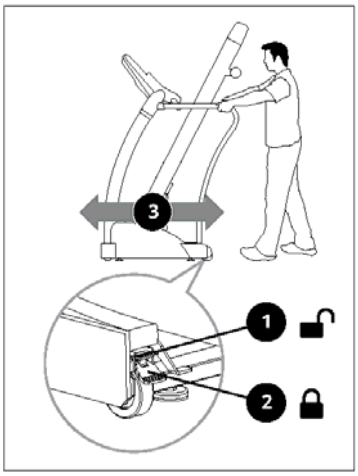


CHAPTER 4 Basic Machine Maintain

MOVING: FOLDING 4 WHEELS

The 2 wheel locks must be released before moving. To unlock wheels, push down on the TOP LEVER (1) of the rear wheel locks located on the rear corners of the base frame. Then firmly grasp the handlebars, and slowly move the treadmill (3). After moving to the desired location, push down on the BOTTOM LEVER (2) of the rear wheel locks to lock the rear wheels.

NOTE: Both rear wheel locks must be locked before using the treadmill.



4.3 PROPER USAGE

Your treadmill is capable of reaching high speeds. Always start off using a slower speed and adjust the speed in small increments to reach a higher speed level. Never leave the treadmill unattended while it is running. When not in use, remove the safety key, turn the on/off switch to off and unplug the power cord. Make sure to follow the MAINTENANCE schedule in this guide to maintain optimal performance and prevent premature electronic failure. Keep your body and head facing forward. Do not attempt to turn around or look backwards while the treadmill is running.

Stop your workout immediately if you feel pain, faint, dizzy or are short of breath.

CAUTION – RISK OF INJURY TO PERSONS

While you are preparing to use the treadmill, do not stand on the belt. Place your feet on the side rails before starting the treadmill. Start walking on the belt only after the belt has begun to move. Never start the treadmill at a fast running speed and attempt to jump on!

USING THE SAFETY KEY

Your treadmill will not start unless the safety key is placed in position. Attach the clip end securely to your clothing. This safety key is designed to cut the power to the treadmill if you should fall. Check the operation of the safety key every 2 weeks.

WARNING

Never use the treadmill without securing the safety key clip to your clothing. Pull on the safety key clip first to make sure it will not come off your clothing.

POWER

Your treadmill is powered by a power supply. The power must be plugged into the power jack, which is located in the front of the machine near the stabilizer tube. Some treadmills have a power switch, located next to the power jack. Make sure it is in the on position. Unplug cord when not in use.

NOTE: Some treadmills have an on/off switch located behind the console.

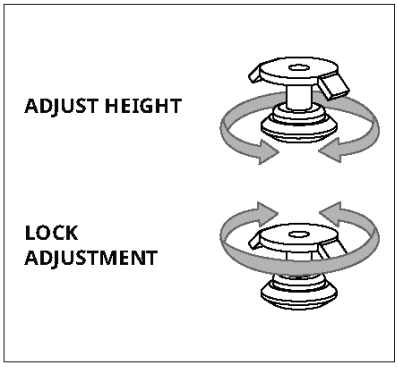
WARNING!

Never operate product if it has a damaged cord or plug, if it is not working properly, if it has been damaged, or immersed in water. Please reference contact information on the back cover of the INFORMATION CARD for assistance.

CHAPTER 4 Basic Machine Maintain

Your treadmill should be level for optimum use.

Once you have placed your treadmill where you intend to use it, raise or lower one or both of the adjustable levelers located on the bottom of the treadmill frame. A carpenter's level is recommended. If your treadmill is not level, the running belt may not track properly. Once you have leveled your treadmill, lock the levelers in place by tightening the nuts against the frame.



4.4 COMMON PRODUCT QUESTIONS

1. ARE THE SOUNDS MY TREADMILL MAKES NORMAL?

All treadmills make a certain type of thumping noise due to the belt riding over the rollers, especially new treadmills. This noise will diminish over time, although it may not totally go away. Over time, the belt will stretch, causing the belt to ride smoother over the rollers.

2.WHY IS THE TREADMILL I PURCHASED LOUDER THAN THE ONE AT THE STORE?

All fitness products seem quieter in a large store showroom because there is generally more background noise than in your home. Also, there will be less reverberation on a carpeted concrete floor than on a wood overlay floor. Sometimes a heavy rubber mat will help reduce reverberation through the floor. If a fitness product is placed close to a wall, there will be more reflected noise.

3.WHEN SHOULD I BE WORRIED ABOUT A NOISE?

As long as the sounds your treadmill makes are no louder than a normal conversational tone of voice, it is considered normal noise.

4.5 BASIC TROUBLESHOOTING

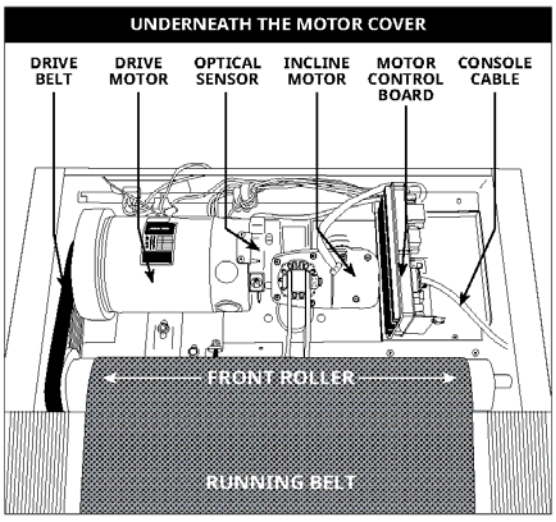
1.PROBLEM: The console does not light up.

SOLUTION: Verify the following:

Does the red light on the ON/OFF switch light up?

NOTE: Some treadmill models do not have a switch that lights up. If this is the case, please proceed with the yes and no solutions below. If yes:

1.Turn the power off, unplug the power cable and wait 60 seconds. Remove motor cover. Wait until all red LED lights have gone off on the motor control board before proceeding. Next verify that none of the wires connecting to the lower board are loose or disconnected.



2.Double-check that all connections are secure, especially the console cable. Unplug and reconnect the console cable to verify.

3 .Make sure the console cable is not pinched or damaged in any way.

4.Plug the treadmill in, turn the power switch on and look for any lit LEDs on the motor control board.

If no:

Verify that the outlet the machine is plugged into is functional. Double-check that the breaker has not tripped, it is on a dedicated 20-amp circuit, it is not on a GFCI-equipped outlet, and it is not plugged into a power strip/surge protector or extension cord.

Verify that the power cord is not pinched or damaged and is properly plugged into the outlet AND the machine.

2. PROBLEM: The console reads SAFETY KEY OFF or only displays dashes.

SOLUTION: Verify the following:

■ Verify the safety key is securely in place.

■ If using a magnetic key, make sure the key is magnetized.

3.FOR TREADMILLS WITH SPEAKERS:

PROBLEM:

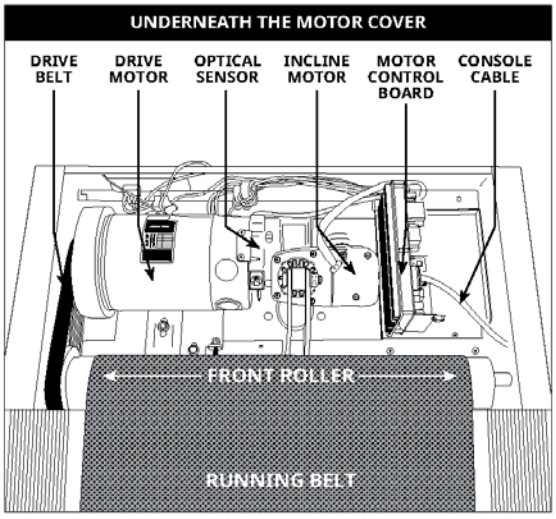
When MP3 player is connected there is no sound coming from the speakers or the speakers sound fuzzy.

SOLUTION: Make sure audio cable is plugged in securely to both the console and MP3 Player jacks.

4.PROBLEM: The belt does not move or moves briefly, but the console works.

SOLUTION: Verify the following:

■ Make sure you are following the recommendations and power guidelines on pages 17 of this TREADMILL GUIDE. The unit should be on a dedicated 20-amp circuit and not on a GFCI-equipped outlet. Do not plug the machine Into a power strip/surge protector or extension cord.



■ Check for any belt movement. If so, make note of how

■ Try to move the belt by hand. If not, the drive belt may have come off or the motor bearings may have seized.

■ Turn the treadmill off and unplug it from the outlet. Remove the plastic motor cover located in front of the machine by taking out the Phillips screws. Check the drive belt for proper alignment.

■ With the cover still off, check over the wire and cable connections, as they may have become loose or disconnected during shipping or assembly. Make sure connections are secure and no wires are crimped, damaged, disconnected or burnt.

5. PROBLEM: The incline does not move, won't go down or does not seem to be at the right level.

SOLUTION: Verify the following:

■ Make sure you are following the recommendations and power guidelines on pages 17. this TREADMILL GUIDE. The unit should be on a dedicated 20-amp circuit and not on a GFCI- equipped outlet. Do not plug the machine into a power strip/surge protector or extension cord.

■ Make sure the console shows a change on the display when the elevation buttons are pressed.

■ Turn the treadmill off and unplug it from the outlet. Verify the console cable connections at the top of the mast are connected securely. Make sure all of the multicolored wires are fully inserted into the cable harness.

■ Remove the plastic motor cover located in front of the machine by taking out the Phillips screws. Check over the wire and cable connections, as they may have become loose or disconnected during shipping or assembly. Make sure connections are secure and no wires are crimped, damaged, disconnected or burnt.

6. PROBLEM: No audio comes out of the speakers, but the headphones work.

SOLUTION: Verify the following:

■ Turn the treadmill off and unplug it from the outlet. Remove the plastic motor cover located in front of the machine by taking out the Phillips screws.

■ Check the wire and cable connections to the speaker board, near the motor control board.

7. PROBLEM: The treadmill circuit breaker trips during a workout.

SOLUTION: Verify the following:

Make sure the treadmill is plugged into a dedicated 20-amp circuit.

■ Verify that you do not have the machine on an extension cord or surge protector.

■ Confirm that the machine is not plugged into a GFCI-equipped outlet or on a circuit that has a GFCI-equipped outlet on it.

8 . PROBLEM: The running belt does not stay centered during a workout.

SOLUTION: Verify the following:

.Make sure the treadmill is on a level surface.

.Verify that the belt is properly tightened and centered (Refer to the TENSIONING and CENTERING THE RUNNING BELT sections for detailed directions)

9. PROBLEM: Operating speed appears inaccurate.

SOLUTION:

■ Turn the treadmill off and unplug it from the wall.

■ Remove the screws from the motor cover screws using a Phillips screwdriver.

■ Verify that the optical sensor is plugged into the motor control board.

■.Inspect the speed sensor cable/connection for any visible damage

10.PROBLEM: At higher incline levels, a message reading "Speed Range Error – Ending Workout" appears.

SOLUTION:

■ This is a safety feature that automatically cuts power to the drive motor when the speed is out of range due to the combination of the load on the belt and high degree of incline .

■ To prevent an automatic end to your workout, reduce the incline level percentage.

4.6 MAINTENANCE SCHEDULE

Preventative maintenance is the key to smooth operating equipment, as well as keeping the users' liability to a minimum. Equipment needs to be inspected at regular intervals. Defective components must be replaced immediately. Improperly working equipment must be kept out of use until it is repaired. Ensure that any person making adjustments or performing maintenance or repair of any kind is qualified to do so.

WARNING

To remove power from the treadmill, the power cord must be disconnected from the wall outlet.

MAINTENANCE SCHEDULE	
ACTION	FREQUENCY
Clean and inspect the treadmill: Turn off the treadmill with the ON/OFF switch, then unplug the power cord at the wall outlet. ■ Wipe down the running belt, deck, motor cover and console casing with a damp cloth. Never use solvents, as they can cause damage to the treadmill. ■ Inspect the power cord. If the power cord is damaged, please reference contact information on the back cover of the INFORMATION CARD for assistance. ■ Make sure the power cord is not underneath the treadmill or in any other area where it can become pinched or cut during storage or use. ■ Check the tension and alignment of the running belt. Make sure that the treadmill belt will not damage any other components on the treadmill by being misaligned. ■ If any labels are damaged or illegible, please reference contact information on the back cover of the INFORMATION CARD for assistance.	DAILY

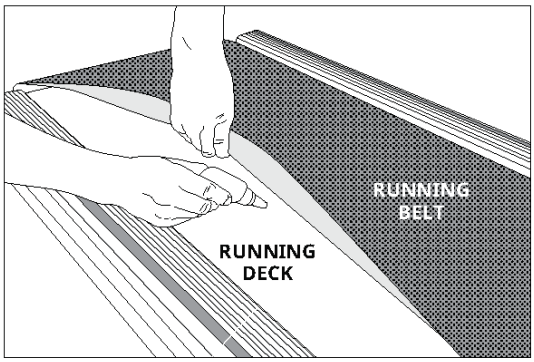
4.6 MAINTENANCE

MAINTENANCE SCHEDULE	
ACTION	FREQUENCY
Clean underneath the treadmill: ■ Turn off the treadmill with the ON/OFF switch, then unplug the power cord at the wall outlet. ■ Fold the treadmill into the upright position, making sure that the lock latch is secure. ■ Move the treadmill. ■ Wipe or vacuum any dust particles or other objects that may have accumulated underneath the treadmill.	WEEKLY
IMPORTANT! ■ Turn off the treadmill with the ON/OFF switch, then unplug the power cord at the wall outlet. Wait 60 seconds. ■ Inspect all assembly bolts of the machine for proper tightness. ■ Remove the motor cover. Wait until ALL display screens turn off. ■ Clean the motor and lower board area to eliminate any lint or dust particles that may have accumulated. Failure to do so may result in premature failure of key electrical components. ■ Wipe down the belt with a damp cloth. Vacuum any black/ white particles that may accumulate around the unit. These particles may accumulate from normal treadmill use. ■ If your treadmill has air shocks under the deck for lift assistance, lubricate the silver air shock tube with Teflon-based spray found at your local hardware or bike store.	MONTHLY

4.7 LUBRICATING THE RUNNING BELT

EVERY 3 MONTHS OR 300 MILES

It is necessary to lubricate your treadmill running deck every three months or 300 miles to maintain optimal performance. Once the treadmill records 300 miles it will display the message “LUBE” or “LUBE BELT.” The treadmill will not operate while the message is showing. Your treadmill came with a bottle of 100% silicone lubricant, which can be used for two applications.



Go to this website to purchase additional Silicone Lubricant: www.johnsonfit.com/lubricant

Tools Needed:

■ Blue-handled T-wrench or Allen wrench

■ 100% silicone oil tube with Teflon-based spray found at your local hardware or bike store.

PROCEDURE:

1. Turn off the treadmill with the on/off switch and unplug the power cord at the wall outlet.

2. Using the T-wrench or Allen wrench, loosen the rear roller bolts 10-15 counter-clockwise turns. This should give the belt enough slack for you to lift it.

3. Lift the belt as far as you can and squirt the silicone oil in a zigzag pattern across the entire running deck surface. Use 1/2 bottle of silicone lubricant. Do not apply the silicone oil on top of the running belt. Lay the running belt down and then tighten both rear roller bolts clockwise the same number of turns loosened.

4. After you have applied lubricant, plug in the power cord, and insert the safety key. Reset the Lube Belt message by first pressing and holding the SPEED UP button, then STOP button and hold BOTH buttons for 5-7 seconds.

5. Stay off of the machine and press START. Allow the belt to run at 3 mph for 3 minutes to begin

spreading the silicone. Then walk on the machine at a comfortable speed for 3 minutes to complete

spreading the silicone and to check the running belt for proper tension and alignment.

6. Once the belt is centered and tensioned, stop the belt. Wipe any excess oil from the sides with a damp cloth.

Press any key to suspend the lubrication warning message until after your next workout. Note: Some older

models may require you to hold stop for 5 seconds to suspend message for 5 miles of use.

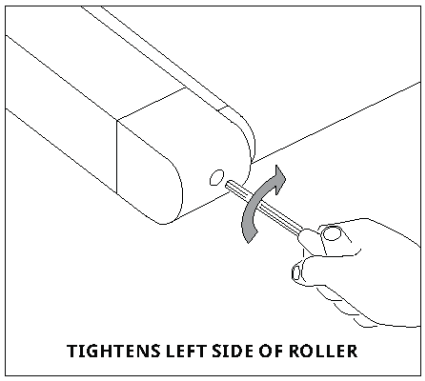
If your treadmill has air shocks under the deck for lift assistance, lubricate the silver air shock

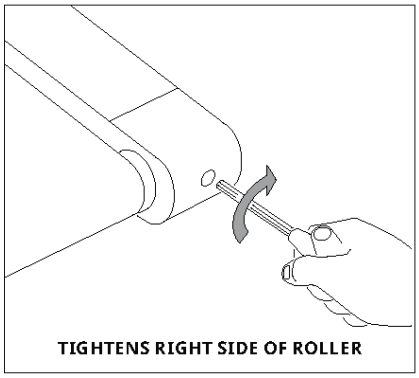
tube with Teflon-based spray found at your local hardware or bike store.

4.8 TENSIONING THE RUNNING BELT

Running belt should NOT be moving during tensioning. Over tightening the running belt can cause excessive wear on the treadmill as well as its components. Never over-tighten the belt.

If you can feel a slipping sensation when running on the treadmill, the running belt must be tightened. In most cases, the belt has stretched from use, causing the belt to slip. This is a normal and common adjustment. To eliminate this slipping, turn the treadmill off and tension both the rear roller bolts using the supplied Allen wrench, turning them . turn to the right (clockwise) as shown. Turn the treadmill on and check for slipping. Repeat if necessary, but never turn the roller bolts more than . turn at a time. Belt is properly tensioned when the slipping sensation is gone.





4.9 .CENTERING THE RUNNING BELT

If the running belt is too far to the right side: Using the supplied Allen wrench and with the treadmill running at 1 mph turn the LEFT adjustment bolt counter-clockwise a . turn and wait for the belt to adjust itself.

Use the motor cover marking or part line as a reference for alignment.

Repeat if necessary, until the belt remains centered during use.

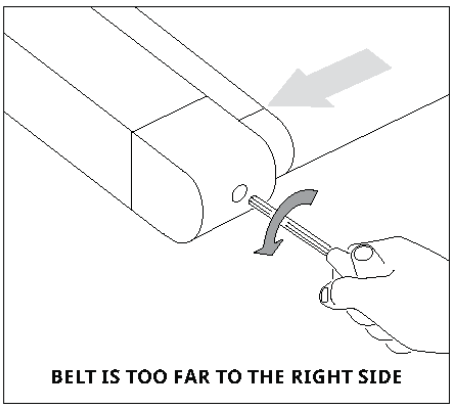
If the running belt is too far to the left side: Using the supplied Allen wrench and with the treadmill running at 1 mph turn the LEFT adjustment bolt clockwise a . turn and wait for the belt to adjust itself.

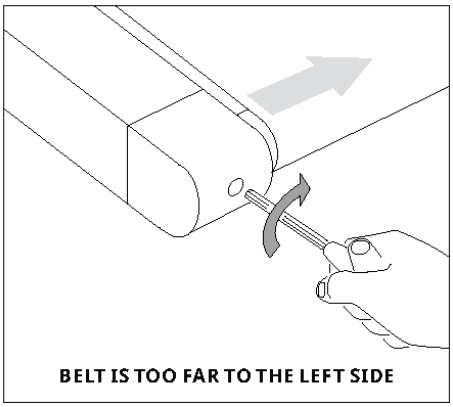
Use the motor cover marking or part line as a reference for alignment.

Repeat if necessary, until the belt remains centered during use.

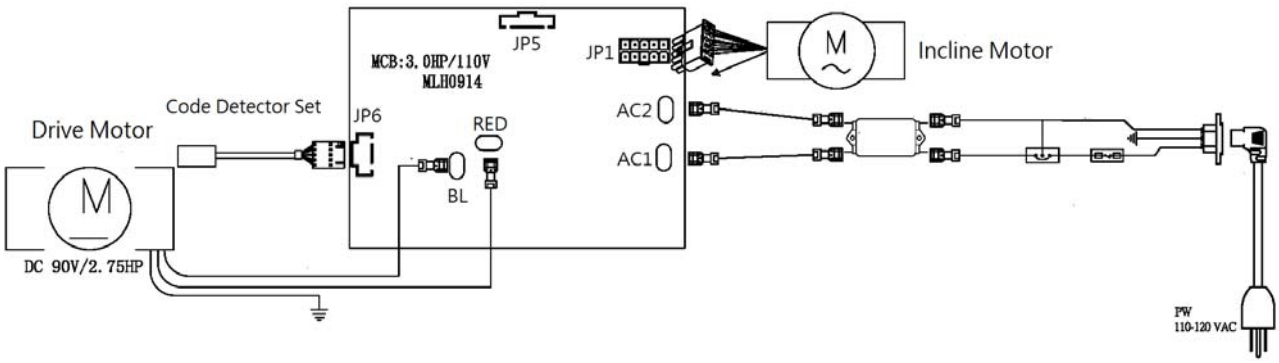
■ If you find the belt is slipping because it is too loose, center it then tension as needed.

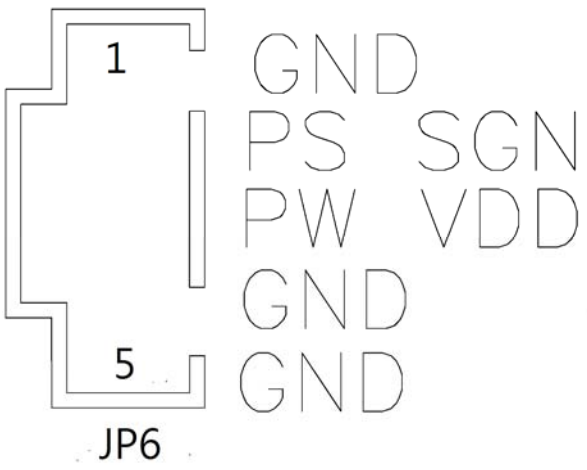
■ For easier adjustment bolt access, remove the end caps.

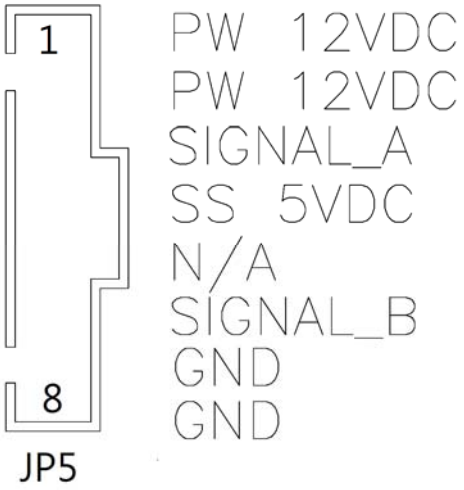


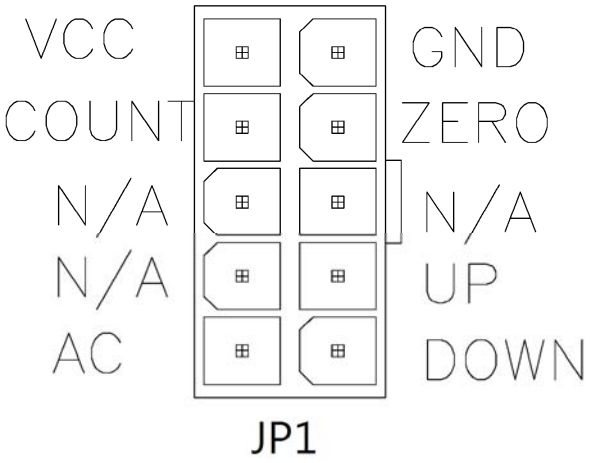


5.1 Electric Diagram– Elite T5&T7-02&T9-02 MCB





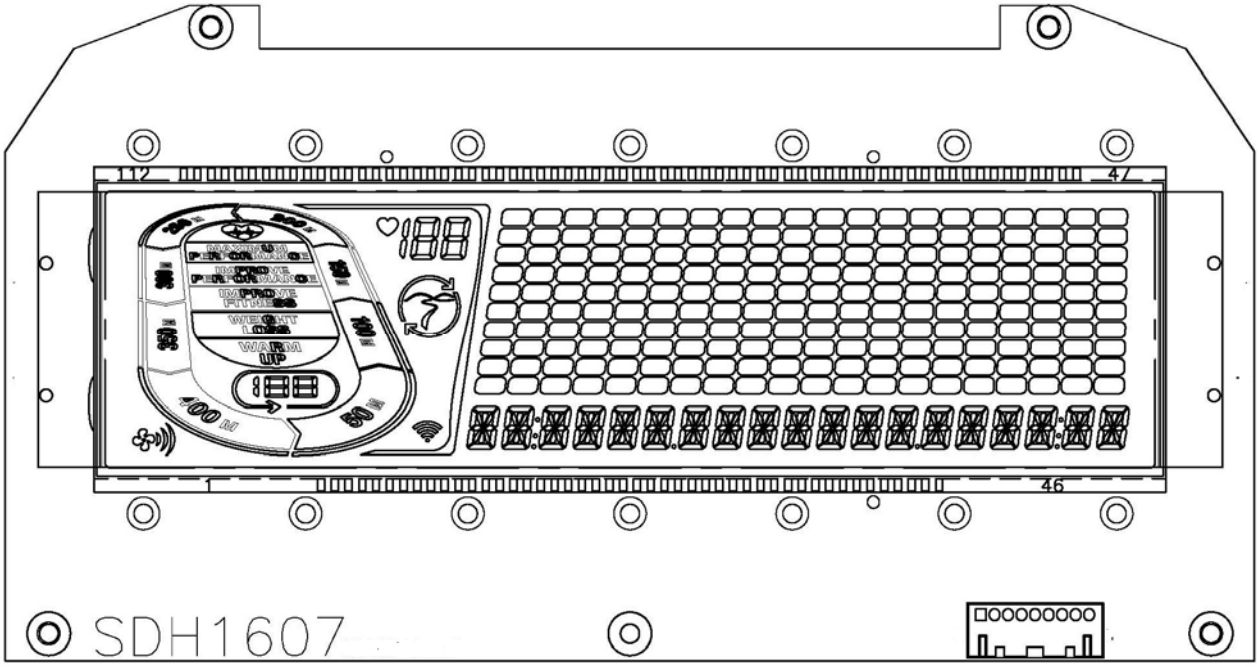


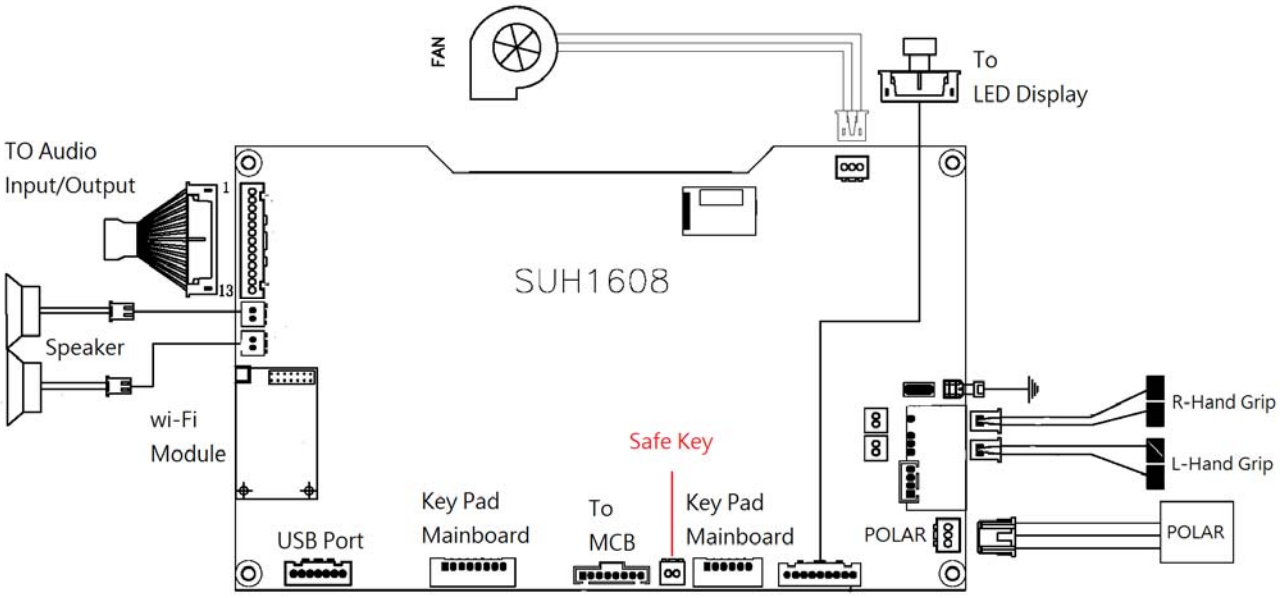


PW 110–120VAC:Power
PW 12VDC: POWER 12V DC
PW 5VDC : POWER 5V DC
PS 3.3VDC : PULSE SIGNAL 0 OR 3.3V DC
SS 5VDC : SWITCH SIGNAL 0 OR 5V DC

CHAPTER 5: Troubleshooting

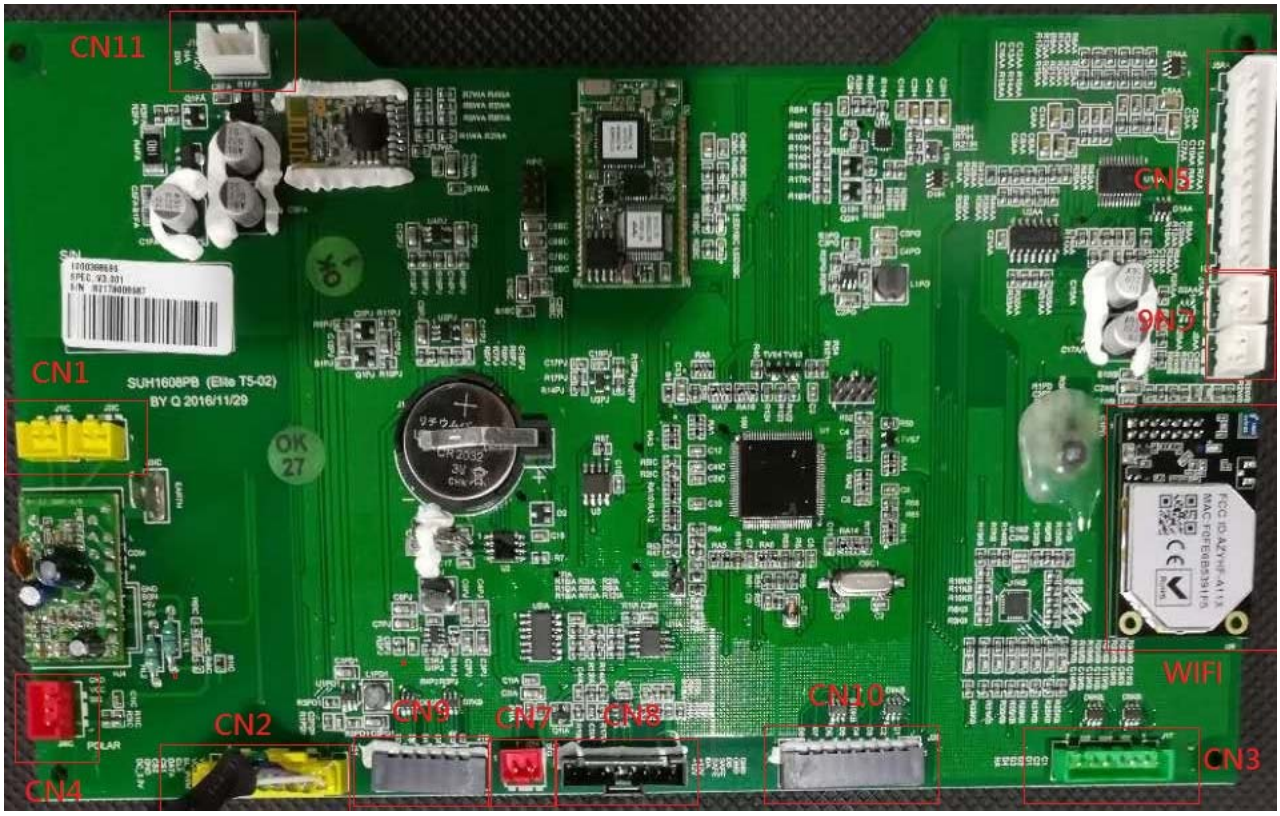
5.1 Electric Diagram– Elite T5&T7-02 &T9-02 UCB





5.2 UCB Instructions

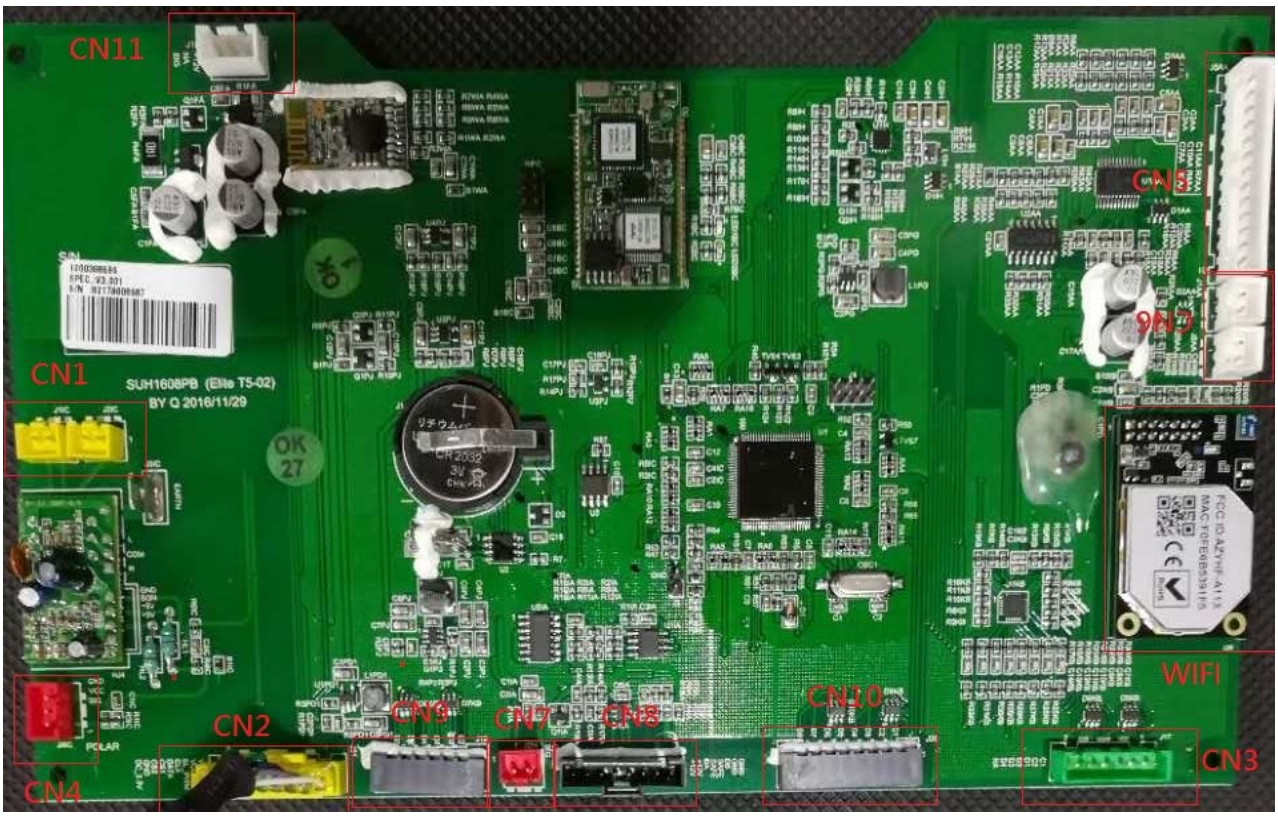
5.2.1 Elite T5 UCB Instructions



CN1	Heart Rate	CN6	L/R Speaker
CN2	LCD display connector	CN7	Safety Key
CN3	Left /Right Quick Key	CN8	Console Connector
CN4	Polar Receiver connector	CN9	Membrane Keypad Left
CN5	Audio in/USB	CN10	Membrane Keypad Right
WIFI	WIFI module	CN11	Fan

5.2 UCB Instructions

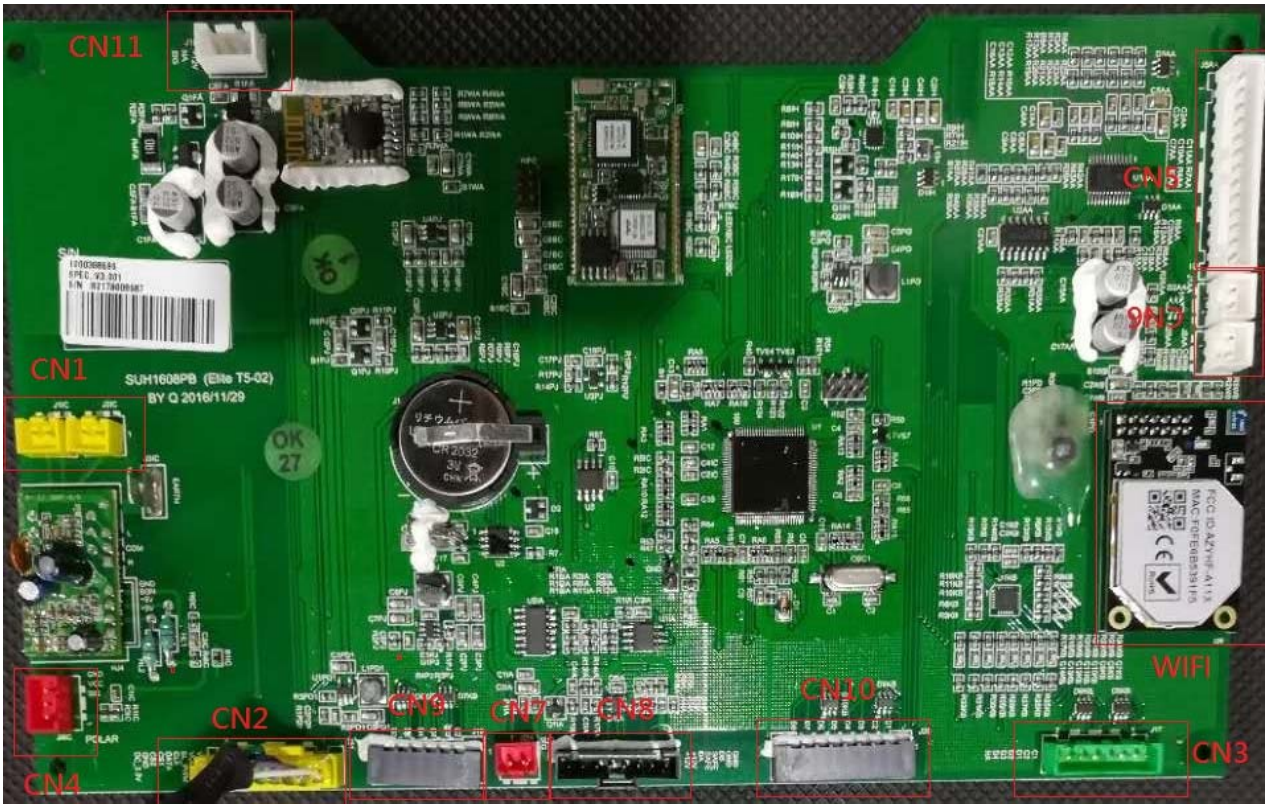
5.2.2 Elite T7-02 UCB Instructions



CN1	Heart Rate	CN6	L/R Speaker
CN2	LCD display connector	CN7	Safety Key
CN3	Left /Right Quick Key	CN8	Console Connector
CN4	Polar Receiver connector	CN9	Membrane Keypad Left
CN5	Audio in/USB	CN10	Membrane Keypad Right
WIFI	WIFI module	CN11	Fan

5.2 UCB Instructions

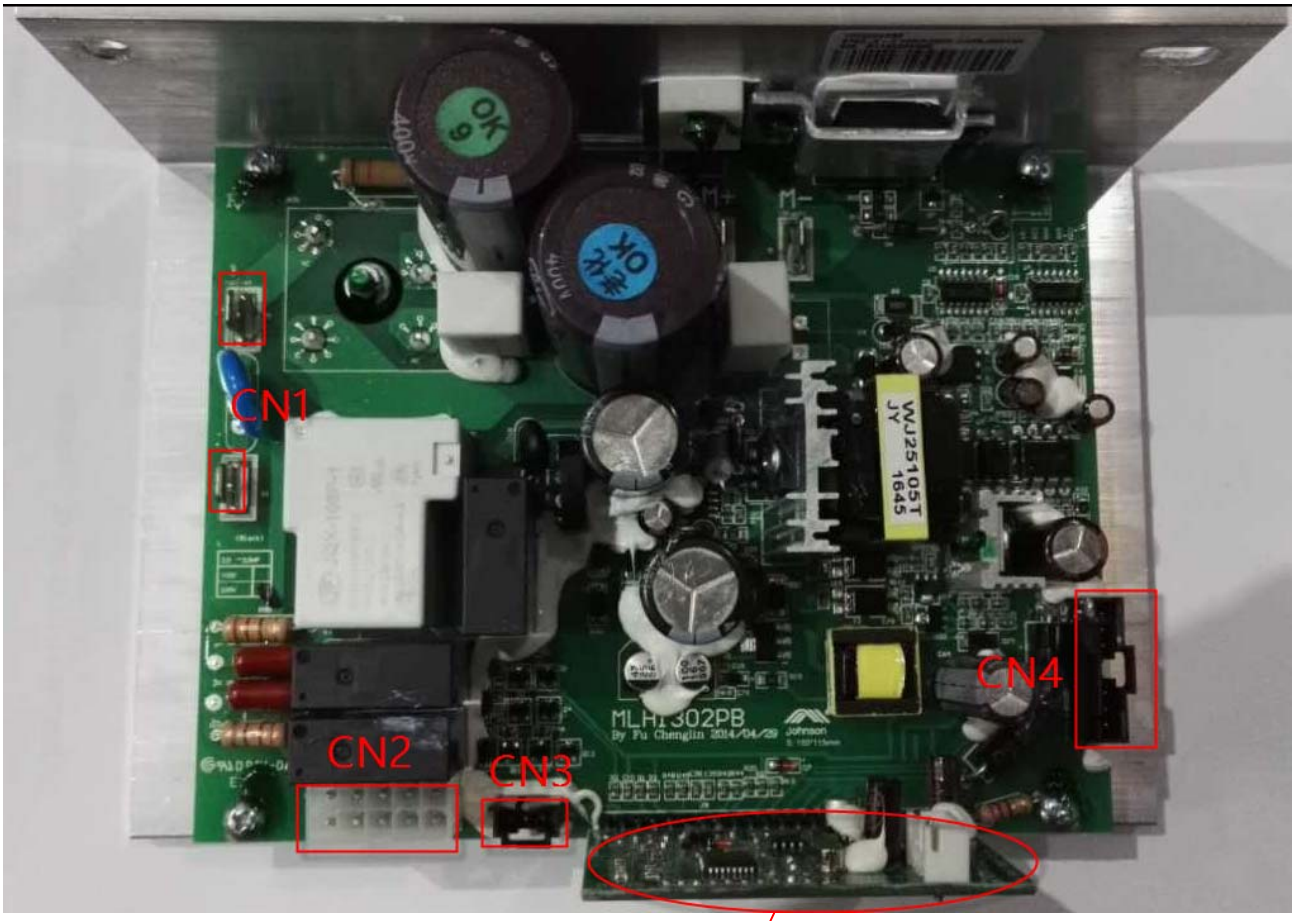
5.2.2 Elite T9-02 UCB Instructions

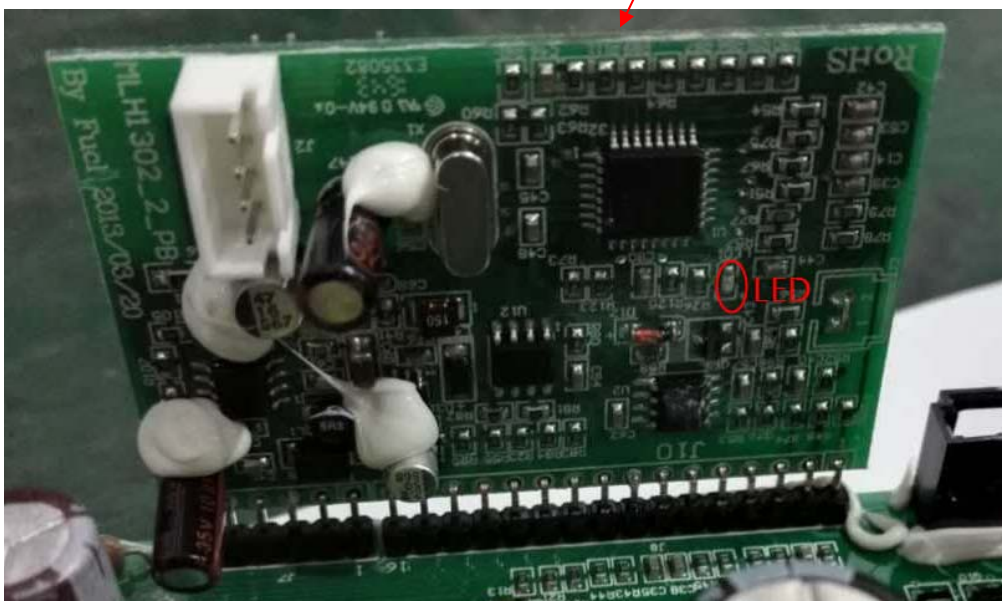


CN1	Heart Rate	CN6	L/R Speaker
CN2	LCD display connector	CN7	Safety Key
CN3	Left /Right Quick Key	CN8	Console Connector
CN4	Polar Receiver connector	CN9	Membrane Keypad Left
CN5	Audio in/USB	CN10	Membrane Keypad Right
WIFI	WIFI module	CN11	Fan

5.3 MCB Instructions

5.3.1 Elite T5 MCB Instructions





5.3 MCB Instructions

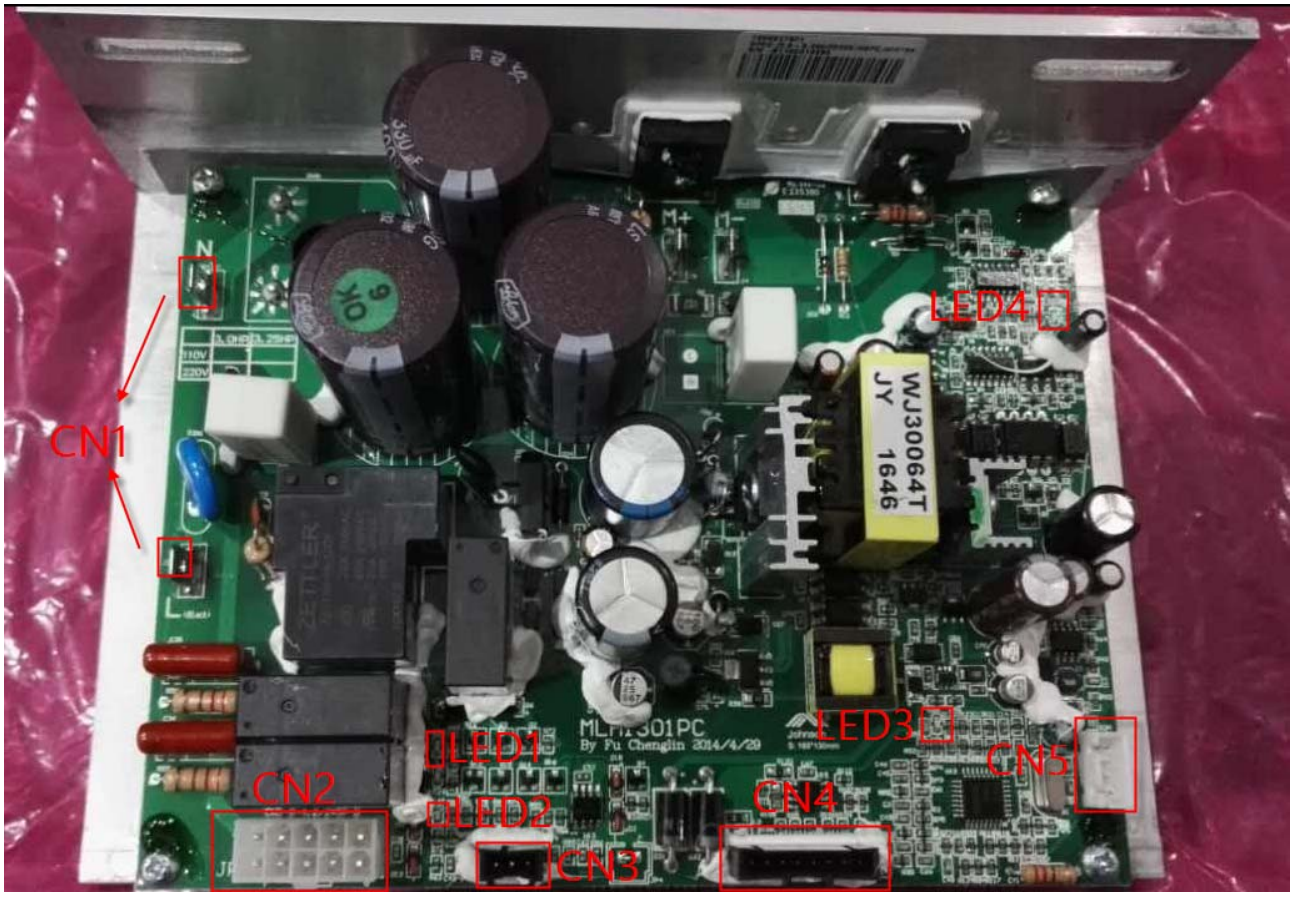
5.3.1 Elite T5 MCB Instructions

CN1	Power Line
CN2	Incline Motor Power Connector
CN3	Speed Sensor Connector
CN4	Console Cable Connector

Number of LED Blinks	Status	Description	Possible Problem Component
1	Works normally	Works normally	
2	Optical Encoder without feedback	The optical encoder is without feedback for 3 seconds during start procedure or 1 second during workout	Poor contact or damage to the optical encoder
3	overload/overcurrent	The motor current is over rated for more than 4 seconds.	
4	over speed	The motor power components are damaged or speed up too fast.	Motor
5	The safety key is off	The safety key is off.	Safety Key
6	The incline motor is stuck or has lost efficiency	There is no signal to the MCB when the incline motor is energized.	Incline Motor
7	Communication abnormal	No or abnormal communication between the console and LCB.	Console Cable, UCB, or LCB
8	Bad connection between the incline motor and the LCB	The incline motor cannot go back to absolute “0” degrees.	Incline Motor or MCB

5.3 MCB Instructions

5.3.2 Elite T7-02 & T9-02 MCB Instructions



CN1	Power Line	LED1	Incline indicator light
CN2	Incline Motor Power Connector	LED2	Incline indicator light
CN3	Speed Sensor Connector	LED3	Error indicator light
CN4	Console Cable Connector	LED4	Power light
CN5	Drive Motor		

Number of LED Blinks	Status	Description	Possible Problem Component
1	Works normally	Works normally	
2	Optical Encoder without feedback	The optical encoder is without feedback for 3 seconds during start procedure or 1 second during workout	Poor contact or damage to the optical encoder
3	overload/overcurrent	The motor current is over rated for more than 4 seconds.	
4	over speed	The motor power components are damaged or speed up too fast.	Motor
5	The safety key is off	The safety key is off.	Safety Key
6	The incline motor is stuck or has lost efficiency	There is no signal to the MCB when the incline motor is energized.	Incline Motor
7	Communication abnormal	No or abnormal communication between the console and LCB.	Console Cable, UCB, or LCB
8	Bad connection between the incline motor and the LCB	The incline motor cannot go back to absolute “0” degrees.	Incline Motor or MCB

5.4 Troubleshooting-No Function For Safety Key

SOLUTION:

a. Check if the safety key is totally inserted into the console.

- If not, remove and insert again.

b. Check if the safety key is oxidized or damaged

- If yes, try cleaning it or replace it.

c. If the safety key is not damaged, check the alignment of the reed switch (safety key sensor) and wire connection in the console.

5.5 Troubleshooting-No Response For Machine When Pressing Start

SOLUTION:

a. Check if the console beeps when all keys are pressed. If no, replace the keypads

b. Enter Engineering Mode, and scroll to ENG 1 (Hardware Test).

- When press the key “SPEED + / -“, if the data on windows “TIME” & “DISTANCE” change, the Console is ok. If not, replace the UCB.

c. Verify the motor or running belt spins freely - remove any obstructions from under the running belt or motor compartment that may cause a block in movement.

d. Checking the console cable connection. Also, console cable continuity can be tested with Ohms on each wire of the cable.

e. Test the drive motor.

1. T5/T7-02/T9-02 series short test - Disconnect power from the unit. Remove the motor cover. Remove the red and black motor wires from the MCB. Using a jumper wire (or metal paper clip), Make the connection between the red and black leads of the motor. Without the jumper wire, the running belt will move freely with little to no resistance. With the jumper wire in place there will be a great amount of resistance when trying to push the running belt. If there is resistance, the motor is good.

2. T5/T7-02/T9-02 series battery test - Disconnect power from the unit. Remove the motor cover. Remove the red and black motor wires from the MCB. Using a DC battery from a cordless drill or other device, touch the red on the positive lead of the battery and the black to the negative lead. If the motor runs, the motor is good.

5.5 Troubleshooting-No Response For Machine When Pressing Start

3. T7-02& T9-02 series windings test - Disconnect power from the unit. Remove the motor cover. Remove the motor connection from the MCB. With an Ohm meter test the resistance level between the motors three phases; pin 1 and pin 2, pin 1 and pin 3, then pin 2 and pin 3. If all three resistance levels are the same, the motor is good. If one or more are different, replace the motor.

4. If the drive motor is normal Then

- Check the connection of the speed sensor (encoder disk group) at the MCB.
- Remove the speed sensor from the motor and clean it, then re-test.
- If the speed sensor is clean and has a good connection but still will not operate, replace the Speed sensor.
- Replace the MCB as the last step if machine does still not run after to take above actions.

5.6 Troubleshooting-Incline Motor Issues

SOLUTION:

a. While using the machine press the "INCLINE" keys, the console should beep and display incline change, if no, replace the key pad.

b. Enter Engineering Mode, and scroll to ENG 1 (Hardware Test).

c. Press the “INCLINE ↑/ ↓” key.

If can hear clicks from two relays and LED light (see table 5.3.1 page 30 or 5.3.2 page31) at the MCB, the MCB is ok. Then check the connection of the elevation motor at the MCB. First try to unplug and re-plug connection . If this does not resolve the issue, replace the elevation motor.

If there is no clicks from these two relays or LED light, MCB is defective and replace the MCB.

5.7 Troubleshooting-Noise Issues

SOLUTION:

a. Thumping noise twice per rotation on new machine.

This noise is from the roller or running belt.

- If this is a new unit, some noise is normal as the running belt forms around the rollers.
- Check that the belt is centered and tensioned correctly.
- Remove and clean the rollers if needed.
- Replace the rollers or running belt as needed.

b. High pitched “bell-like” sound from under the motor cover.

This sound is likely a moving component.

- Remove the motor cover and check the drive belt for alignment and make sure it is not slipping or is frayed / cut in any way. Replace the drive belt if needed.
- Make sure the optic disk on the motor is not rubbing the speed sensor.
- Turn the motor by hand to see if motor bearings are rubbing. Replace the motor if needed.
- Check the front and rear rollers, replace if needed.

c. Rubbing / grinding noise.

This sound is likely caused by the optic disk.

- Check that the optic disk is tight on the motor and not rubbing the speed sensor.

d. Banging or clunking sound/slapping / squeaking sound with each footstep. The sound is likely due to the unit not being level.

- Check that all levelers are touching the ground.
- Move the treadmill to another flat surface.

-This sound is from the running deck / belt.

- Remove the side rails and tighten the deck bolts and elastomers.
- Check the deck shocks for disintegration or crumbling. Replace if needed.

e. Rubbing sound underneath the treadmill. This sound is likely due to the air shock.

- Lubricate or replace the air shock as needed.

f. Squeaking / grinding noise when using elevation. This sound is likely from the incline motor.

- Check that the incline motor and incline rack connection points to the main frame are tight.

Replace Teflon washers on the frame as needed.

- Lubricate the incline motor worm screw and connection points with grease.
- Replace the incline motor.

5.8 Troubleshooting-Hear Rate (GRIP-PULSE ONLY)

TROUBLESHOOTING HEART RATE (GRIP-PULSE ONLY)

a. Check your exercise environment for sources of interference such as fluorescent lights, computers, underground fencing, home security systems or appliances containing large motors. These items may cause erratic heart rate readouts.

b. You may experience an erratic readout under the following conditions:

■ Gripping the heart rate handlebars too tight. Try to maintain moderate pressure while holding onto the heart rate handlebars.

■ Constant movement and vibration due to constantly holding the heart rate handlebars while exercising. If you are receiving erratic heart rate readouts, try to only hold the grips long enough to monitor your heart rate.

■ When you are breathing heavily during a workout.

■ When your hands are constricted by wearing a ring.

■ When your hands are dry or cold. Try to moisten your palms by rubbing them together to warm.

■ Anyone with heavy arrhythmia.

■ Anyone with arteriosclerosis or peripheral circulation disorder.

■ Anyone whose skin on the measuring palm is especially thick.

5.9 Troubleshooting-Keypad

SOLUTION:

a. Enter Engineering Mode, and scroll to ENG 1 (Hardware Test).

When press any key , if screen display related key .The UCB is ok. If not, proceed below check :

1. Console keypad: (Fig1)

1.1 Open the console back cover . Try unplug the keypad ribbon wire from connector and re-insert to the connector and repeat A step to check if keypad workable. (Fig2)

1.2 Use a new keypad insert to connector on UCB and repeat A step to check if keypad workable. If yes. The keypad on console is damaged. If not . UCB damaged . Replace new UCB.

2. Quick key keypad (Fig3)

2.1 Repeat 1.1 step.

2.2 Open the quick key handle cover and try unplug the keypad ribbon wire from connector and re-insert to the connector and repeat A step to check if keypad workable.

2.3 Use a new keypad insert to connector on quick key handle bar and repeat A step to check if keypad workable. If yes. The keypad on handle bar is damaged. If not . UCB damaged . Replace new UCB.

Fig1

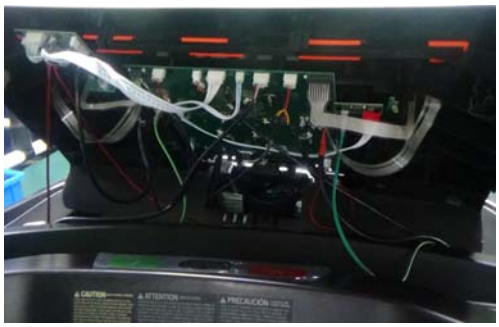


Fig2

Fig3

Fig4

5.10 Via Fit Issue

GENERAL

For every support case, always record the following:

1. Customer xID
2. Customer Passcode
3. Customer Email Address
4. Via Fit equipment Model Name
5. Via Fit equipment Date of Purchase
6. Has the Via Fit equipment ever successfully connected to the internet? Yes or No.

For every support case, always begin the support process with the following steps:

1. Instruct the customer to cycle power on their Via Fit equipment.
2. If possible, restart their home WiFi router.
3. Wait for the Via Fit equipment and the WiFi router to fully boot up.

ISSUE

1. Connect Issues

Problem:	**Cause:**	**Solution:**
My equipment wakes from sleep and I start a workout with the most recent user. About one minute into the workout, I receive a message that says "Login Successful" and my workout is ended automatically. I am then returned to the main home screen, and my workout that was in progress is lost. **How It Looks:** WiFi Icon NOT visible, WiFi Icon flashing.	1. The workout was started prior to the console reestablishing its connection to the internet. This means the workout was being performed as a "Guest" and was NOT recorded.	1. After waking a machine up from Power Save Mode, wait for the WiFi chip to establish a connection with the network (45-60 seconds) before starting a workout. The WiFi icon will flash while it attempts to connect, and will become solid when the connection is established. Once the connection is reestablished, the most recent user will be automatically logged in and the workout will post to that user's account.

1.2 Shows "DHCP was unable to obtain an IP Address..."

Problem:

I connected my equipment to the internet, but now my console tells me that "DHCP was unable to obtain an IP Address. If the netcard is removable, then you can remove/reinsert it to have DHCP make another attempt to obtain an IP address for it. Otherwise, you can statically assign an address."

How It Looks:

Windows CE Operating System Pop-up displays with the message cited above.

Cause:

1. ViaFit requires that certain network configurations be enabled/disabled and one or more of those settings could be at issue.

2. The WiFi chip in the console does not allow connections to networks with specific security encryptions (See Connect Issues, 1.4).

Solution:

1. Connect to the wireless router using the IP Address provided by the router's manufacturer, and then log in to administer the network changes.

2. Enable DHCP. If DHCP is disabled, the DHCP server will NOT assign an IP Address to the equipment. The IP Address is needed for the console to connect to the network.

3. Disable MAC Filtering. If MAC Filtering is enabled, the DHCP server could be ignoring IP Address requests from the console because of its MAC Address.

4. Configure your router to use one of the following network security protocols: WEP, WPA1 or WPA2.

5. Ensure that the network is NOT configured to act as a proxy server for internet traffic.

6. If the console is connected to a network with "wireless repeater access points" and the master wireless access point is offline, the console will be unable to obtain an IP Address. Make sure the master access point is powered on and is connected to the internet.

1.3 Registered new xID, but shows "The xID or Passcode you entered is incorrect"

Problem:

I registered a new xID using the ViaFit equipment console and am unable to log in on the equipment and perform a tracked workout.

How It Looks:

A pop-up displaying "The xID or Passcode you entered is incorrect" appears

Cause:

1. The account was not created during registration.

2. Some ViaFit equipment was shipped with the environment set to "Staging" rather than "Production". The customer's new account is created in the wrong environment.

3. An account registration bug (fixed in November 2014) caused all new accounts created via the console to have their weight value multiplied by 10. This put the weight value over what the console allows.

4. If the user was attempted to log in multiple times, their account may be locked. On the 5th failed log in attempt, the server locks the account for suspicious activity and it will need to be unlocked.

Solution:

1. Open a browser, navigate to viafit.netpulse.com and attempt to log in using the customer's xID and Passcode. If the login fails, reset the customer's Passcode at https://viafit.netpulse.com/index.html#/reset-passcode.

1A. Upon clicking "Reset Passcode", if the page displays the message "The xID or email address you entered was not found in our system. Please try again," then the account was never created. Create the account for the customer and direct them to log in on their console using the xID and Passcode you created their account with.

1B. Upon clicking "Reset Passcode", if the page displays the message "We've emailed you a temporary passcode. You can use it to login below," then the account was created. Instruct the customer to follow the email instructions, then log in on their console using the xID and new Passcode.

2. Open a browser, navigate to viafit.qa.netpulse.com and attempt to log in using the customer's xID and Passcode.

2A. If login was successful, the console's environment is NOT set to "Production". Instruct the customer to hold down the "Resistance" buttons until the "Engineering" screen appears. In the "About" section, make sure the button on the right says "Production" rather than cycle power.

2B. If login was unsuccessful, move to solution 3.

3. Open a browser, navigate to viafit.netpulse.com and attempt to log in using the customer's xID and Passcode.

3A. If login is successful, navigate to their account settings page and verify that the Weight value is below 400 lbs/180 kg. If it is above, change it to be below that threshold. After changing the weight, ask the customer to log in on their console.

3B. If the login is unsuccessful, move to solution 4.

4. If the customer received an email message from ViaFit stating "Someone recently tried to sign in to your account. If you are not aware of this sign-in attempt, someone else might be trying to access your account. You should reset your login information immediately," their account is locked. Instruct the customer to click the link provided in the email and follow the instructions to reset their Passcode. Next, direct them to log in on their console using the xID and new Passcode.

1.4 Shows "Unable to Connect to Via Fit at this time"

Problem:

I successfully completed the "Connect" workflow, but my console keeps telling me that it is "Unable to Connect to ViaFit at this time."

How It Looks:

WiFi Icon is flashing AND a pop-up saying "Unable to Connect to ViaFit at this time" displays and re-displays each time I close the pop-up.

Cause:

1. The WiFi chip in the console does not allow connections to networks with specific security encryptions.

2. The attempted connection is to a corporate network. Most networks of this type use an unsupported network security configuration.

3. The attempted connection is to a network that requires authentication via a web page (E.g. Wayport). This is an unsupported network security configuration.

Solution:

1. Connect to a network that uses supported network configurations such as WEP, WPA1 or WPA2.

2. If none are available, ask if the customer has a smartphone with "Personal Hotspot" capability. If so, place the phone into "Personal Hotspot" mode and attempt to connect the equipment. If successful, you have have confirmed there is a network configuration issue.

1.5 Machine previously connected to Via Fit, but now connection fails

Problem:

A customer's router and equipment have been turned off for a few days, and now the machine will not connect to ViaFit.

How It Looks:

The machine attempts to connect, but fails. The WiFi icon will illuminate each curved bar of the symbol moving upward. When it times out, the WiFi symbol will not display. This indicates that it is not connected to the network.

Cause:

1. The equipment stored the IP Address that was originally given by the router, and it does not want to connect to a new IP Address. The customer must force the machine to request a new IP Address from the router.

Solution:

For models with a touchscreen display console, either:

1. Connect the machine via a wireless hotspot that isn't a home router (i.e. cell phone) and make sure it connects. Next, reconnect to the home router.

2. Log in to the home router and change the password for the WiFi, then reenter the password on the machine.

For models with an LED console:

1. Press the WiFi icon and go through the WiFi set up process to connect the machine as if it is the first time connecting to ViaFit.

2. Track Issues

2.1 - Workouts from Via Fit equipment do not post to Via Fit Workout Tracking

Problem:

My ViaFit Equipment workout is not posting to ViaFit.

How It Looks:

Customer works out, but the workout does not show up on viafitness.netpulse.com

Cause:

1. The workout was started prior to the console reestablishing its connection to the internet. The workout was performed as a "Guest" and was NOT recorded.

2. Some ViaFit equipment was shipped with the environment set to "Staging" rather than "Production." This causes the customer's new account to be created in the wrong environment.

Solution:

1. After waking a machine up from Power Save Mode, wait for the WiFi chip to reestablish the connection with the network (45-60 seconds) before starting a workout.
The WiFi icon will flash while it attempts to connect, and will become solid when ready.
When the connection is reestablished, the most recent user will be automatically logged in and the workout will post to that user's account.

2. Open a browser, navigate to viafit.qa.netpulse.com, and then attempt to log in using the customer's xID and Passcode.
If the login is successful, the console's environment is NOT set to "Production".
Instruct the customer to hold down the "Resistance" buttons until the "Engineering" screen appears. In the "About" section, make sure the button on the right says "Production," then cycle power.

3. Share Issues

3.1 - Workouts from linked third party sites do not post to Via Fit Workout Tracking

Problem:

I've linked my third party application or device to ViaFit, but my workouts performed on those apps are not showing up in ViaFit Workout Tracking.

How It Looks:

Workout performed using a linked third party application or device is missing from viafit.netpulse.com and the application or device is listed as "Linked".

Cause:

1. Your login credentials for the third party application or device have changed and the link between that app or device and ViaFit is broken. However, the browser page is pulling up a cached version of the "Account Linking" page. The browser attempts to use the cached, outdated login credentials for the third party application or device.

Solution:

1. In your browser, clear internet history, browser cache, cookies and temporary internet files. Close and reopen the browser, and then go to the "Account Linking" page at viafit.netpulse.com. The third party application should be listed as "Unlinked."
Reconnect the third party application or device using the new login credentials. Perform a test workout, then confirm that the workout posted to ViaFit.*

*NOTE: It may take up to 10 minutes for a workout to post.

3.2 - Workouts from Via Fit equipment do not post to

Problem:

I've linked my third party application or device to ViaFit but my workouts performed on ViaFit equipment do not show up in the third party application.

How It Looks:

Workout performed usingViaFit equipment is missing from the third party application but viafit.netpulse.com says the application or device is "Linked".

Cause:

1. They have connected a third party application or device to their account that only supports one way data transfers (incoming to ViaFit). Outgoing data transfers from ViaFit to those types of third party applications are not available.

Solution:

1. Identify all of the third party applications/devices the user has linked to their ViaFit account. Use a two way third party application* as a clearinghouse to the desired one way application.
To do so, go into the two way third party application and link the desired one way third party application to it. The two way third party application will allow ViaFit equipment data to travel between the apps.

*NOTE: We suggest using MyFitnessPal as the clearinghouse.

One way apps include: FitBit, Moves, Up by Jawbone, and Withings.

Two way apps include: Body Media, Facebook, MapMyFitness, MyFitnessPal, and RunKeeper.

5.11. TROUBLESHOOTING –WIFI Issue

1. General diagnose :

   1. Use mobile phone or portable device search router SSID and connect to desire SSID (Fig1)
   2. Use speed test App. measure upload/download speed . It normal up 64K or higher depend on local ISP (internet service provider) but 0K mean fail to connection. (Fig2)
   3. Browse www.google.com or others website.(Fig3)

If connection fail on item one. It need change router and try again.

If connection fail item 2&3. It ISP problem. Please contact local ISP (internet service provider).

Fig-1

Fig-2

Fig-3

2. Issue : Console WIFI test fail

2.1 Enter manager mode (section 3.0 Page 14)

enter " Hardware Test " function then enter " WIFI Test "

2.2 If WIFI Test Pass , the screen is display " WIFI Test OK "

2.3 If WIFI Test Fail . The screen is display " No MAC address " and " No IP address "

2.4. Change the WIFI module , and try step 1.

CHAPTER 6: Parts Replacement

6.1 Console Replacement :

1.Loosen the bolts on console masts, three sets on each .(Fig1)

2.Disconnect the console wire .(Fig2)

3.Reverse steps to replace a new console set and assemble.

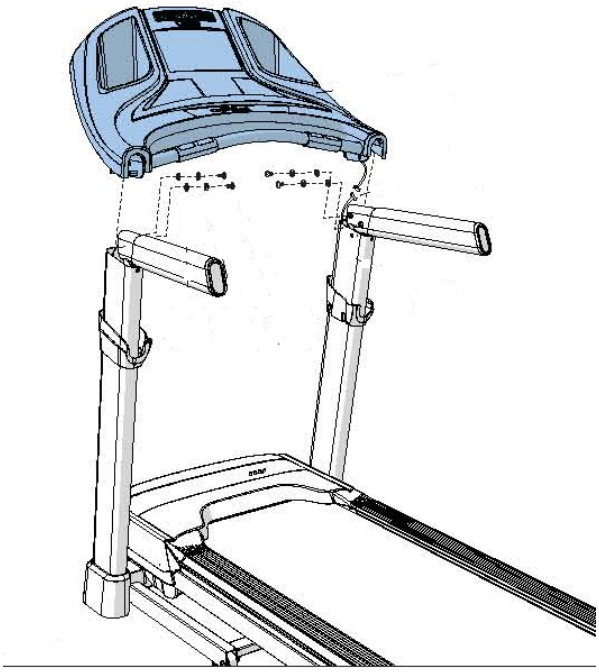


Fig1

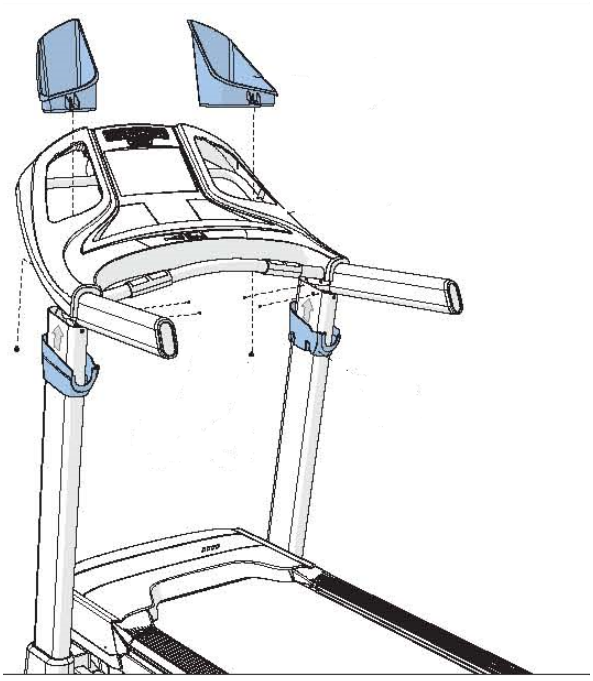


Fig2

6.2 Console Mast Replacement

1.Remove console set as section 6.1.

2.Loosen 8 sets bolts on both console masts

3.Disconnect the console wire.

4.Reverse steps to replace and assemble console mast.(Fig1)&(Fig2)&(Fig3)

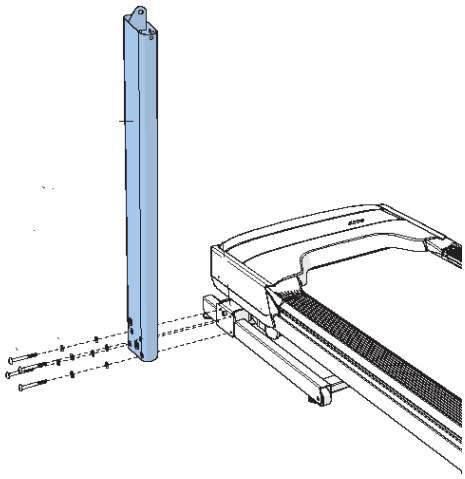


Fig1

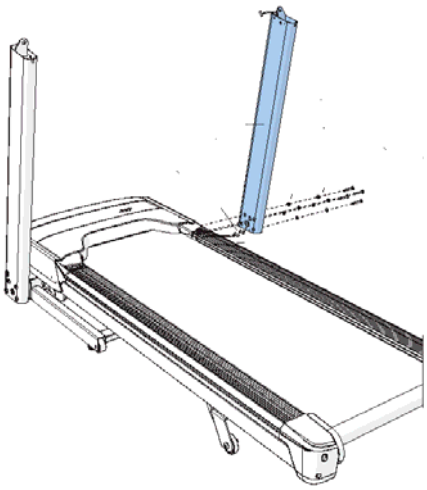


Fig2

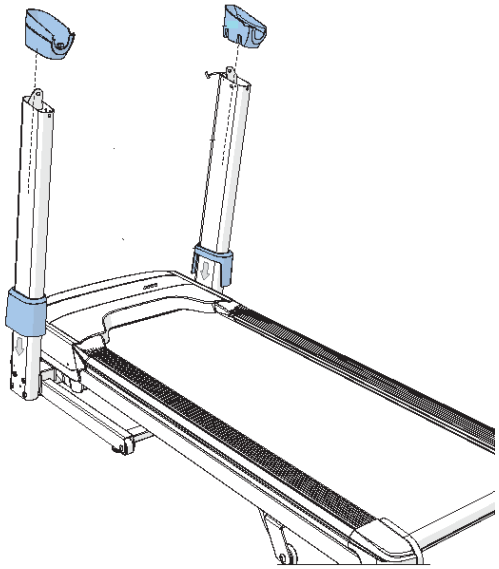


Fig3

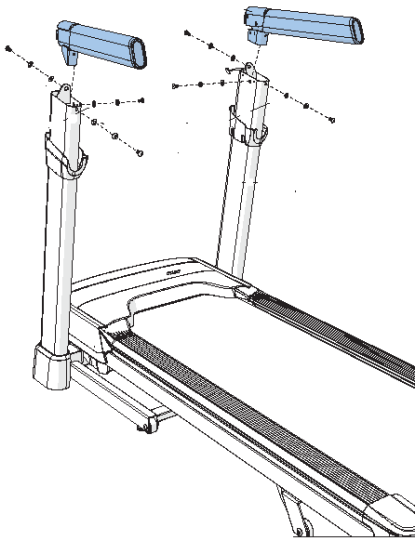


Fig4

6.3 Motor Replacement

1.Disconnect power cord

2.Loosen four screws to remove motor cover. (Fig1)

3.Remove the drive belt by spinning the belt wheel, and walking off the drive belt towards the outer edge of the treadmill.

4.Unplug the motor connector from LCB. speed sensor and any wire ties as needed.

5.Loosen four bolts and remove motor

6. Reverse steps to install motor

1. Install the motor bolts with 200kgf.cm. (Fig2)

2. align the drive belt with fixture , the standard <1.5mm (Fig3)

2: when install drive belt, start with belt on inside of front roller pulley. Install belt on drive motor pulley. Then rotating the front roller pulley while applying pressure on the drive belt, continue to walk belt on until centered on both pulley. Belt tension should be 275-376HZ(Fig4)

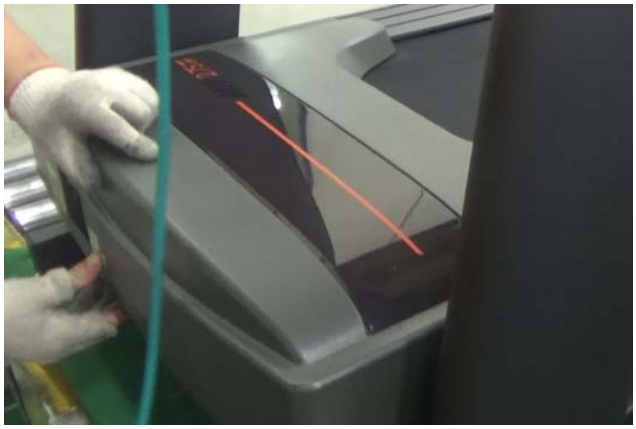


Fig1

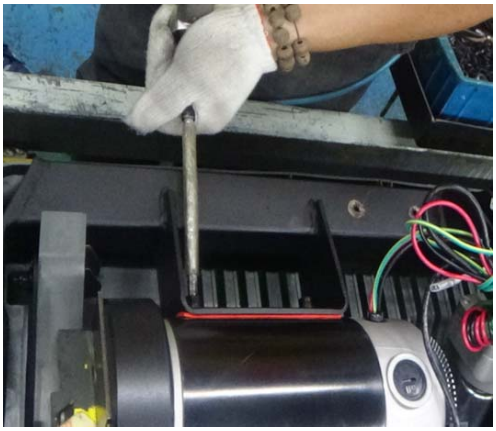


Fig2

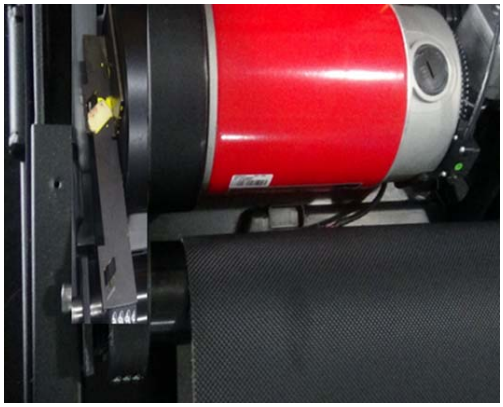


Fig3

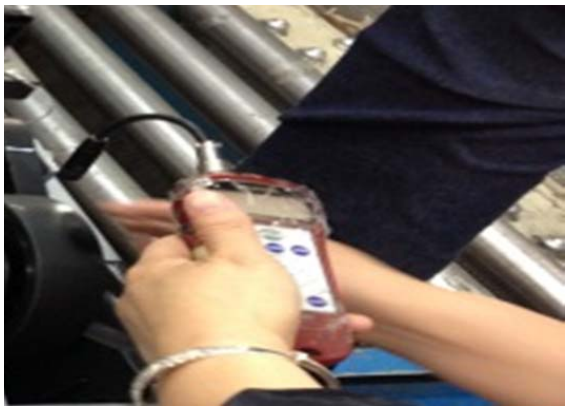


Fig4

6.4 MCB Replacement

1.Turn off the power .

2.Remove the motor cover as section 6.3.

3.Disconnect the wires.(Fig1)

4.Remove the two screws as (Fig2)

5.Reverse steps to install new MCB.

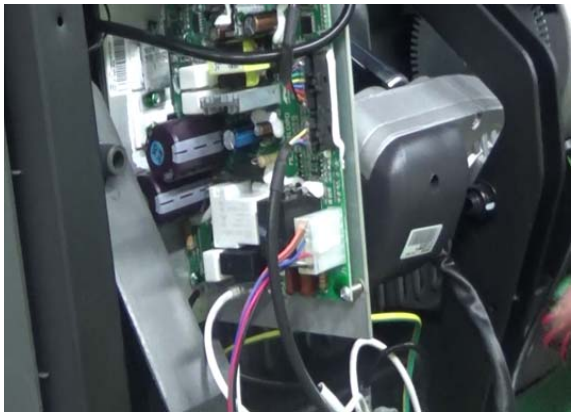


Fig1

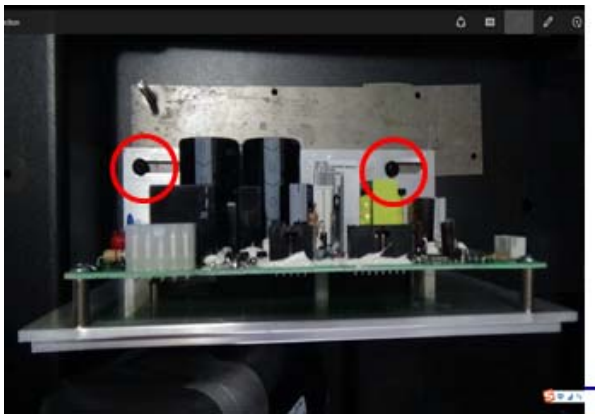


Fig2

6.5 Incline Motor Replacement

1.To fold treadmill in upright folded and locked position.

2.Remove the motor cover as section 6.3.

3.Use torque wrench to loose screw, torque should be 200kgf.cm(Fig1)

4.Loosen the bolt set(Fig2)

5.Remove the incline motor and replace with new(Fig3)

Fig1

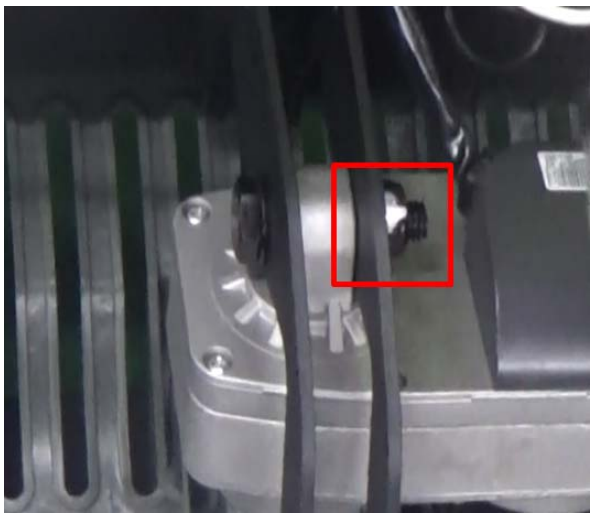


Fig2

Fig3

6.6 Side Rail Replacement

1.Loosen four screws with torque of 60kgf.cm (Fig1)

2.Remove the rear end caps(Fig2)

3. Each front end cap has four screws, loosen them and remove the front end caps(Fig2)

4.Pull the side rail as the arrow orientation(Fig3)

5.Reverse steps to install new.

6. T9-02 used aluminum side rail instead plastic (Fig4 & Fig4).

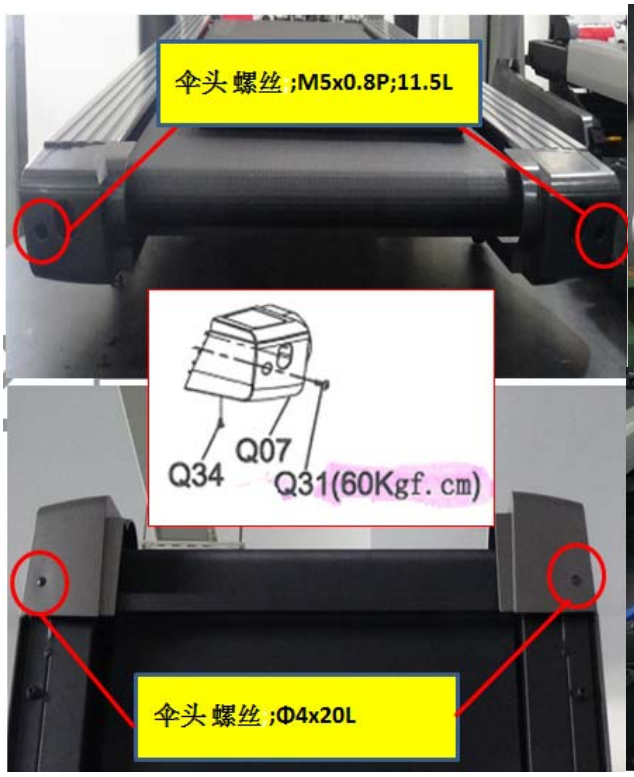


Fig1

Fig2

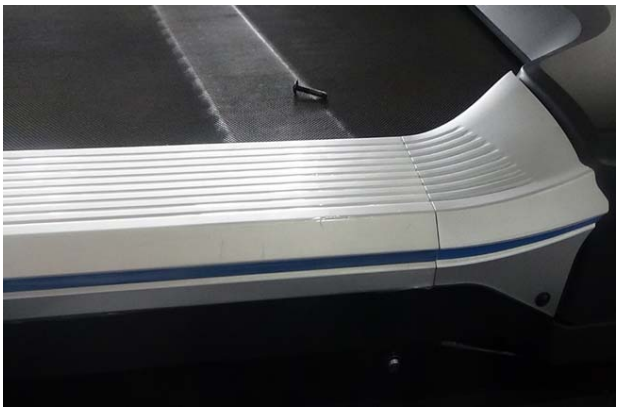


Fig3

Fig4

6.7 Running Belt Replacement

1.Remove motor cover as section 6.3.

2.Remove the side rail as section 6.6.

3.Loosen the drive belt. (Fig1&Fig2)

4.Disconnect wire

5.Remove the four fixed screws

6.Take 8 screws from the running deck. (Fig-3)

6.Replace running belt.

7.Reverse steps to install a new belt

Notes: 1. rear /front roller /running deck replacement can do the same as above.

2. T7-02 & T9-02 used silicon instead Wax. (treadmill deck;;678x1370x20T;Silicon)

Fig1

Fig2

Fig3

6.7 Running Belt Replacement-Cont.

How to adjust the running belt:

After placing the treadmill in position it will be used, the belt must be checked the proper tension and centering. The belt may need to adjusted after 2hrs of use. Temperature and humidity will cause the belt to stretch at different rates. If the belt start to slip when a user on it, be sure to follow below directions:

Step1: Locate the two hex head bolt on rear of the treadmill .the bolts are located at each end of the frame at the back of treadmill. These bolts adjust the rear roller.

Step2: There should be an equal amount of space on either side of running belt and side rails. If the belt touch one side, turn the belt counter clockwise approximately one round on each side. Manually center the belt by pushing the belt towards the center. Tighten the bolts the same round as they were loosened.

Step3: While the treadmill runs at 3mph,observe the belt position. If it is moving to the right, tighten the right bolt by turning it clockwise 1/4 rounds, and then loosen the left the same rounds. If it moving to the left, do the opposite. Repeat steps 3 until the belt remains centered several minutes.

Step4: Check the tension of belt. the belt should be very snug. When a person walks or run on the belt, it should not hesitate or slip. if this occurs, tighten as steps 3.repeat it if necessary.

6.8 Air shock Replacement

1.To fold treadmill in upright folded and locked position.

2.Disconnect bolts

3.Reverse steps to install a new air shock with bolts (Fig1&Fig 2& Fig3)

Fig1

Fig2

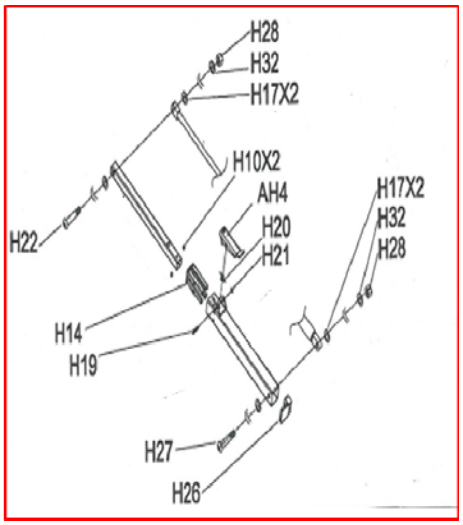


Fig3