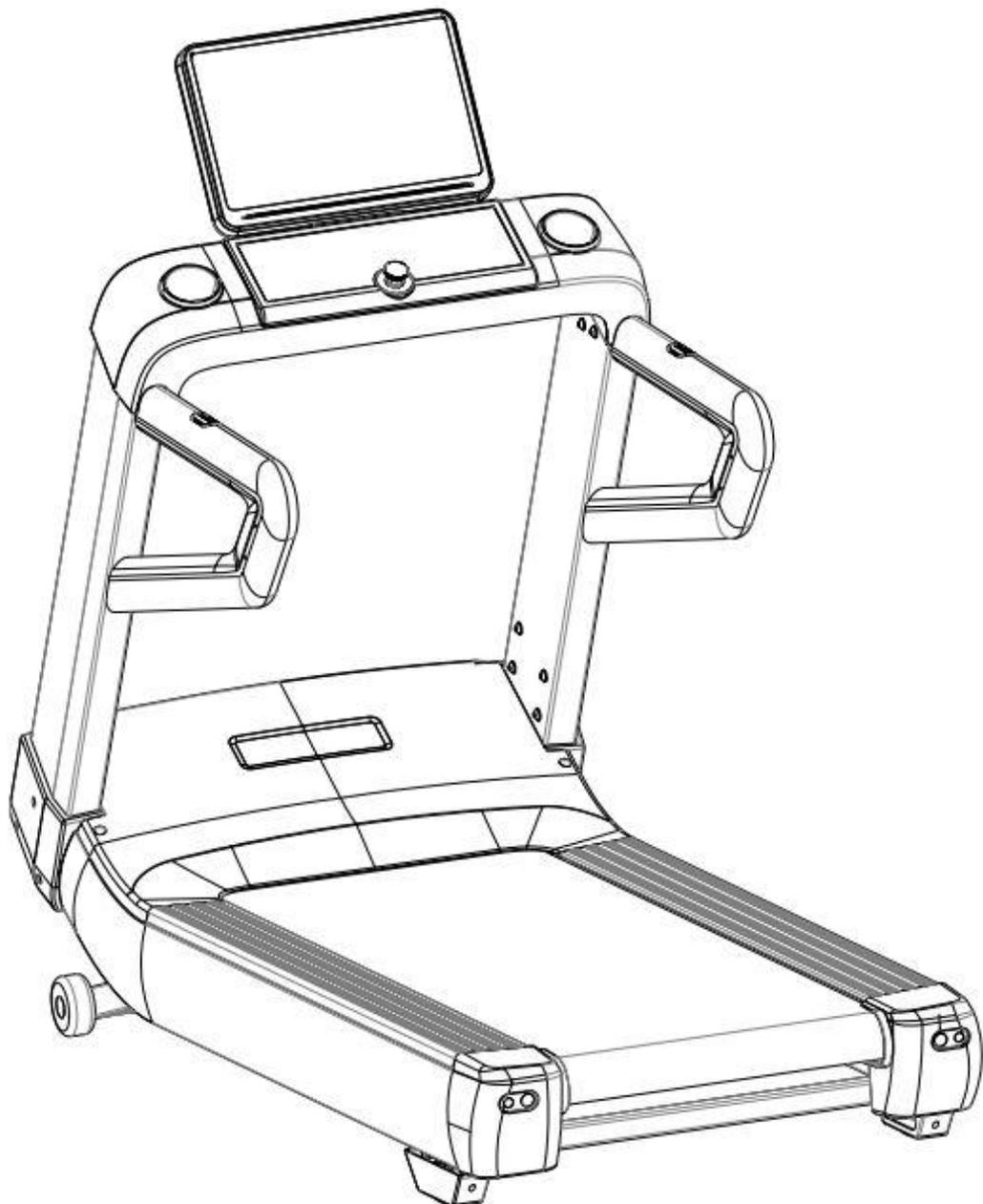




## Commercial Treadmill User Manual( LED Screen )

Model: TZ-5000B



# Catalogue

Caution.....	3
The Parameter of Technology.....	4
Drawing.....	5
Assembly Instruction.....	6
Instrument operation guide.....	10
Mechine debugging process.....	14
Adjustment Instructions / Maintenance.....	15
Explode View.....	18
Parts List.....	18

caution

Read all precautions and instructions in this manual before using this equipment.

1.The machine is suitable for commercial fitness clubs, clubhouse fitness, bodybuilding training, sports training, physical education and so on.

2. The machine must be reliable grounding, forbidden without grounding line using the treadmill.

3.To avoid the risk of electric shock, unplug the power cord before cleaning or servicing the machine.

4.Located indoors and in a treadmill is appropriate, avoid to be affected with damp be affected with damp, do not allow the water or other liquid splashes on the treadmill, are not allowed to place on the treadmill or insert any foreign body

3.Machine in the running process, the moving parts will produce electrostatic, stay away from flammable items

4.Use the treadmill should ensure its 4 feet on the ground, and placed a smooth, reliable, and the treadmill should retain the fuselage behind the safety of the 2000 mm \* 1000 mm space.

5.Recommend the use of running machine wear sportswear and proper sports shoes, The first time you use this device, you must have professional guidance. In the event of an emergency, you need to stop the machine immediately.

6.It is forbidden to stand in treadmill running on direct start, run before should be standing on the two side, hold the handrail after start to use the computer

7.During the running process, the treadmill is not allowed to leave or board the treadmill. It is not allowed to run and walk backwards on the treadmill.

8. Don't allow two or more than two people at the same time on the treadmill exercise, this tester Max users weight is 170 kg.

9.The heart rate sensor does not belong to medical equipment, there are many reasons can cause inaccurate detection, test results are for reference only. (30 seconds later will have a more ready to heart rate value).

10.The action guidance:

A. Running: energy consumption, improve cardiopulmonary skills, accelerate the blood circulation, improve human quality, achieve weight loss, toning.

B. Feet to stand on the treadmill before you start on both sides of the side bar, running and began to work again on a run. In the process of running, half against their hands, arms swing naturally, visual ahead, try not to step on your feet running belt edge. If it is used for the first time, need to holding the handrail, to keep the balance of the body

C. Adjust speed and slope, be sure to adjust slowly, adjustment as far as possible.

D. People walk down the treadmill after the belt stop totally.

The action guidance:

11.With the power corn with the treadmill, insert it to the the plug in front of treadmill

12.Any part of treadmill can not be in loose status.

13.Please turn off the power in time when the machine is used. (The red power switch on the front of the fuselage, when the switch hits “O”, the power is off; when the power switch is “-”, the power is on)

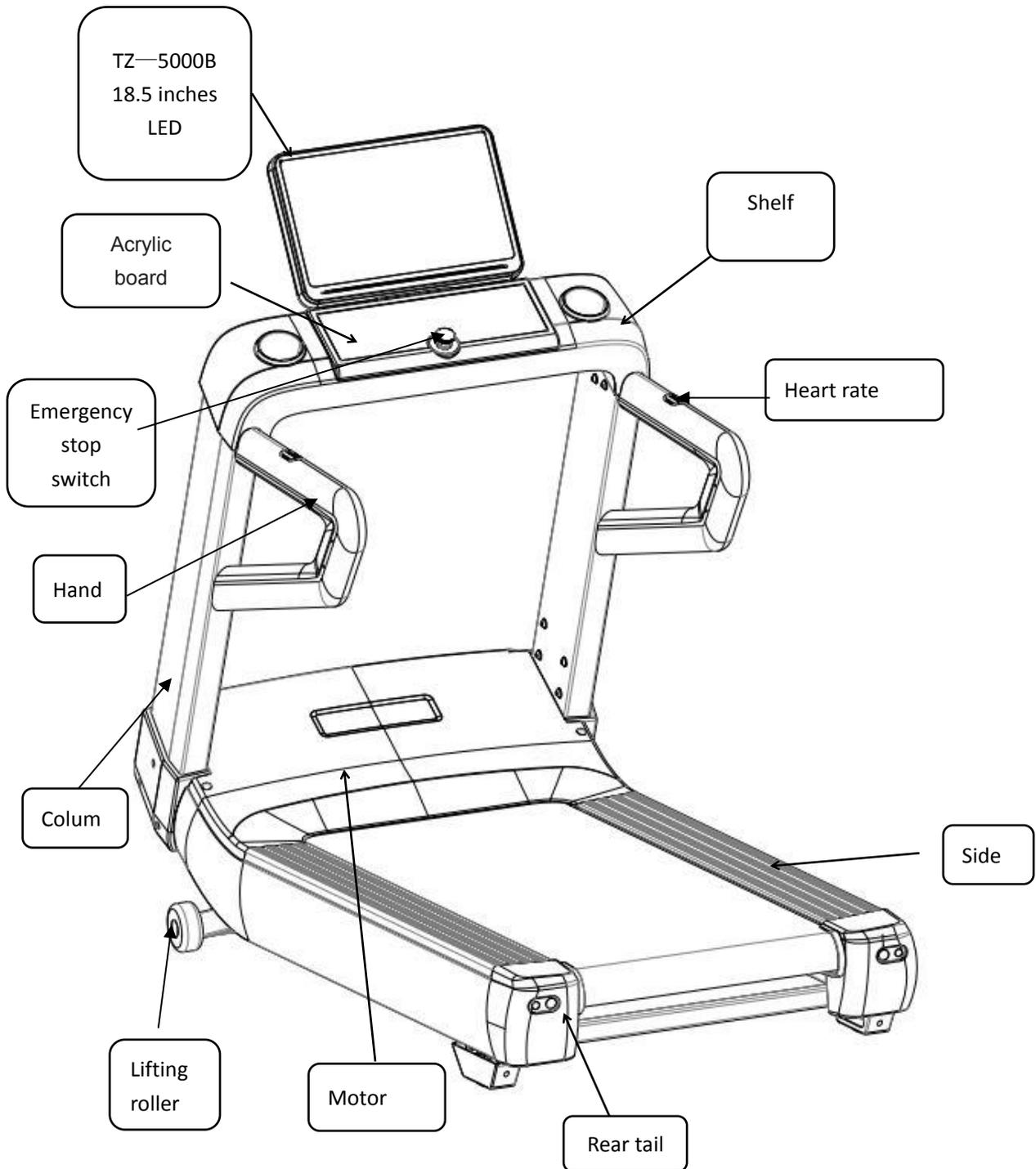
14..Incorrect or overload training may cause the damage of the motor and controller, accelerate the aging transmission system, even bodily injuries.

15. Never touch any parts of running treadmill with your finger
16. People with long hair should pay attention to the safety of hair when using.
17. When you feel uncomfortable and unusual, pls stop at once and consult to the doctor.
18. There is the emergency button in the middle of front handle .If there are something emergency , pls press it quickly and the machine will stop at once.
19. When stop use the machine , take away the power cord and keep it well, in case some one use it without agreement.
21. There must be the mark of stoping using when the machine is in maintenance.
22. When stop use the machine , take away the power cord and keep it well, in case some one use it without agreement.
23. If the treadmill has abnormal sound or other abnormal conditions, please stop running immediately and contact our after-sales department in time, or seek professional help.
24. This machine is confirmed to the type of CS in EN 957-6.

The Parameter of Technology:

- Input power voltage :AC 220V $\pm$ 10% (50Hz Or 60Hz)
- Motor rated power : 3.0HP (2.2Kw)
- The Max motor Power: 7HP
- Temperature range : 0—40℃
- Speed: 1.0—20.0 (km/h)
- Time: 0: 00—99.59 (min:sec)
- Distance: 0.00—99.59 (km)
- Calories: 0—999 (kcal)
- Heart rate : 50—256 (Times/Min)
- Incline : (0—20) %
- Specification of overload protector : 13A
- Specification of wire : 10A AC250V

Drawing:

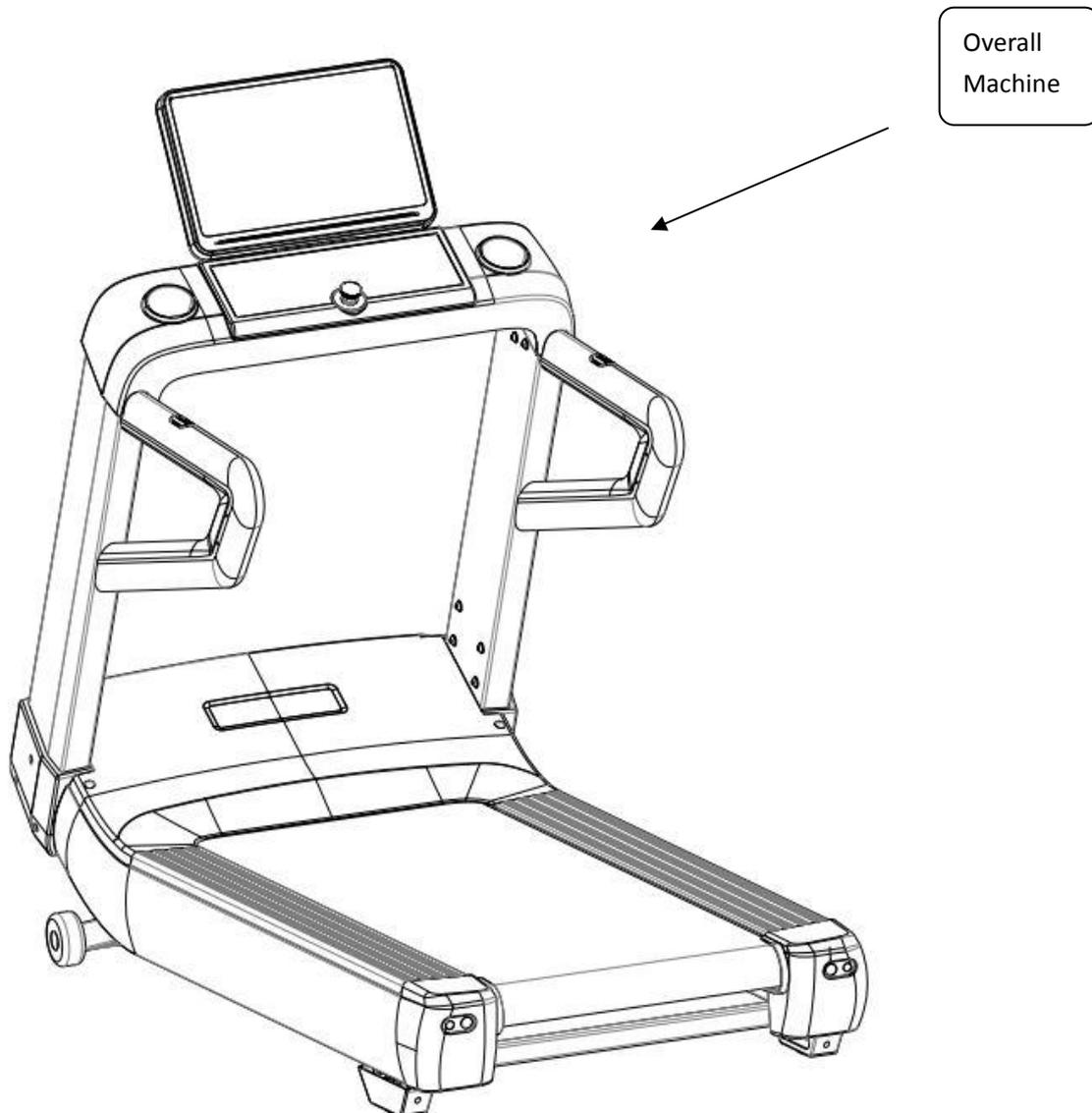


## Assembly Instruction :

Make the assembly work easier.

This section of User Manual only to ensure that the treadmill can be assembled correctly and easily. In fact, if you assemble the Treadmill base on the user manual, the work will finish smoothly.

- Since this Treadmill size is big ,so please choose a big place to install the treadmill to ensure you have enough space .
- All parts of the treadmill will be placed in empty area and remove all packing materials before assembly work unfinished, do not discard the packaging material.
- During assembly, if no noted, all bolts must be tightened, and after assembly is completed please do Tighten test for all bolts .
- When assembling electric treadmill, make sure all parts are assembled according to the assembly diagram.



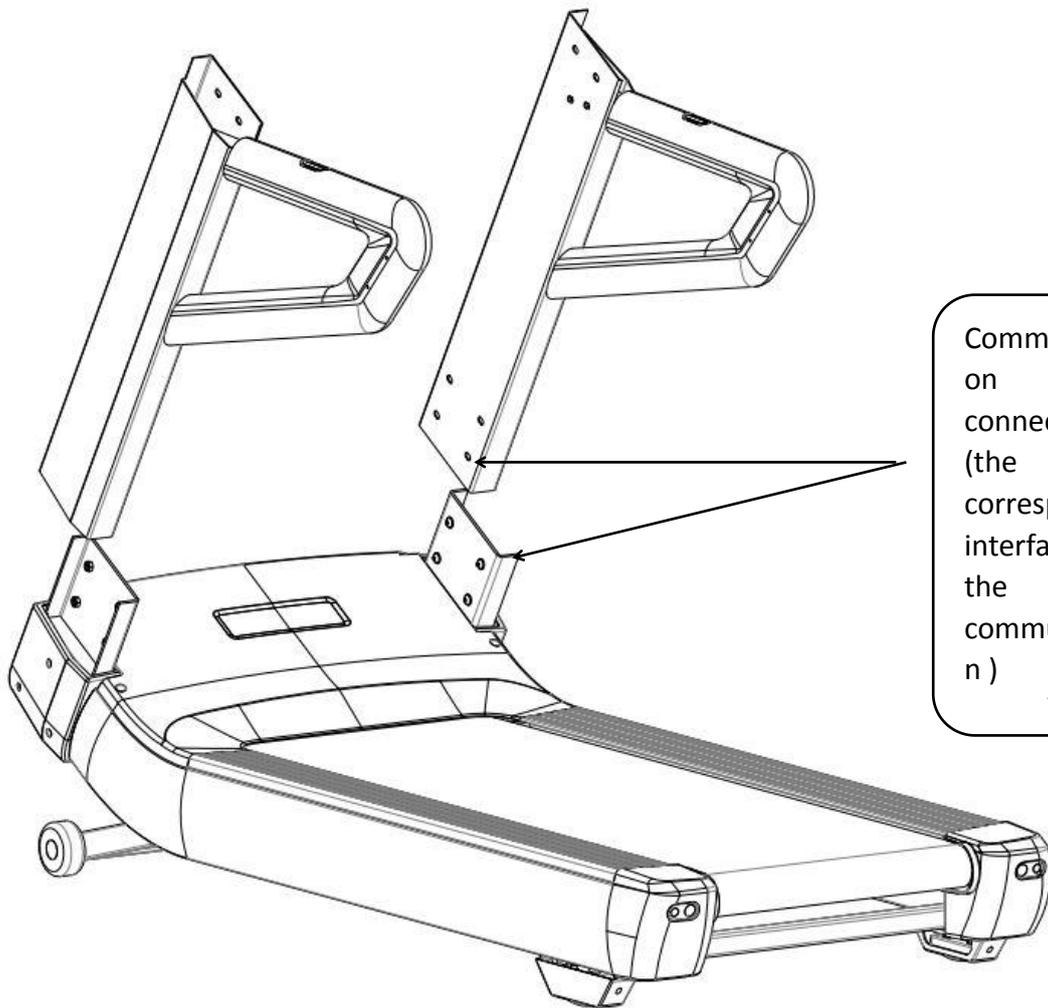
## Step 1:

Connect to communication line and assembly support

Instruction:

- 1) Take down the packing material of support
- 2) Fix the support on the frame as the picture

Attention: Connect the communication line below.



Communication line connection (the only corresponding interface of the communication)

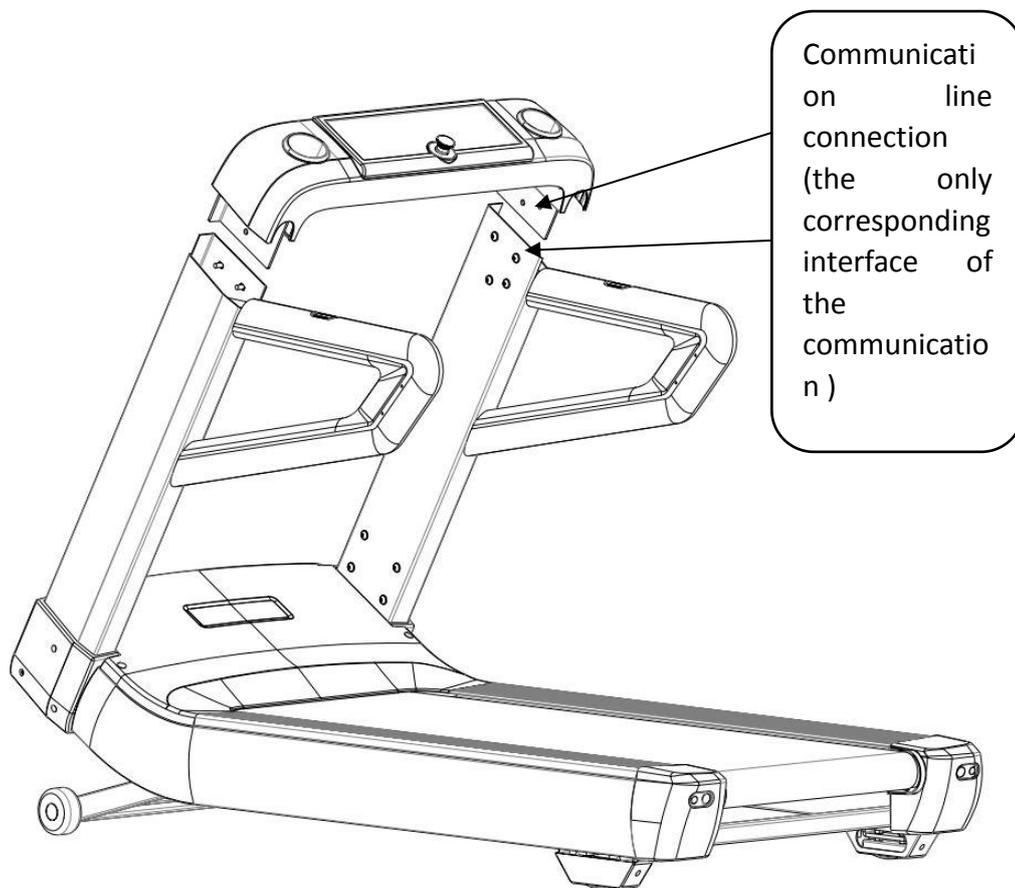
## Step 2 :

Connect the communication line and heart rate line,leave interspace to put hear rate line ,communication line and power line , assemble the table frame:

Assembly instructions:

- 1) butt joint communication lines in support and frame
- 2)

Fix the case to the corresponding position of the column, and fasten the combination of the table frame and the column connection bolt.



Step 3:

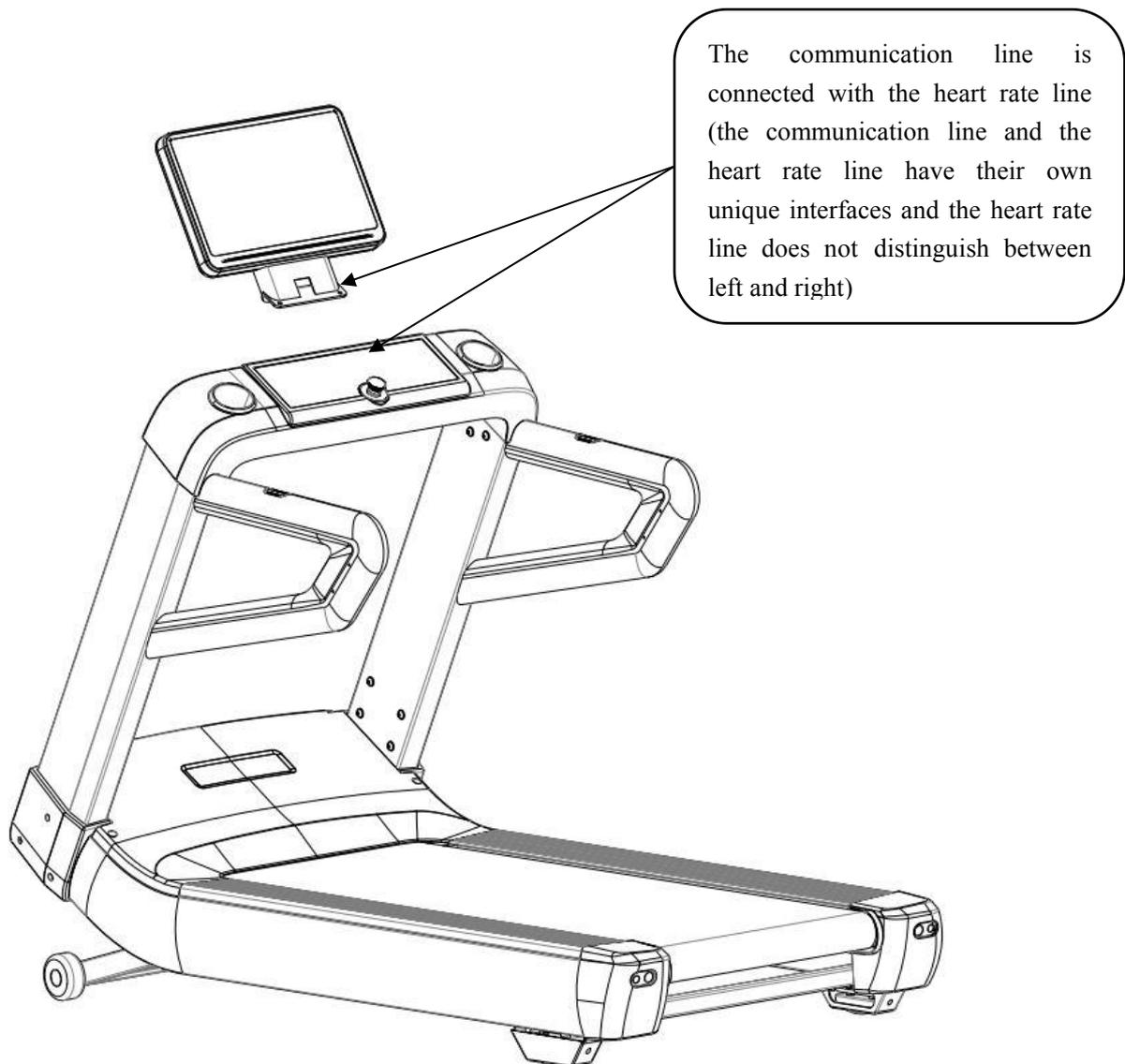
Assemble display; Connect the communication line and the heart rate line

- 1) Connect the display the communication line and the table frame combination communication line
- 2) After docking communication line and heart rate line , Place the display and the combination of the table frame, Fix the display on the following ;
- 3)
- 4) Connect the power and turn on the machine power switch on the front of the machine.to confirm if the power is normal.



Press the function button area  button to start the treadmill and observe whether the machine is running normally;

- 5) The machine runs normally, all bolts are tightened, and the treadmill is assembled;;



## Treadmill operation instructions

The treadmill panel adopts the capacitive touch screen, and the user can just tip it. and the touch effect is comparable to that of the mobile phone screen. The surface of the panel is made of acrylic, which is wear-resistant and durable, and has a beautiful color and appearance. It fully guarantees that there will be no problems such as wear and tear on the paint after a long time of use.



### First、 Window Definition:

- 1、“TIME” shows the exercise time,positive timing 0: 00-99: 59,it will be cleared and restarted to time when it comes to the end.
- 2、“DISTANCE” shows the exercise distance and name of program, positive counting from 0.00-99.9,counter free-running and recount from zero
- 3、“CAL” shows the Calorie consumption value,;
- 4、“PULSE”: Present heart rate;
- 5、“SPEED” :Present speed value
- 6、“INCLINE”: Present incline value;
- 7、“STEP”: Show the number of steps on the treadmill;
- 8、“Central dot matrix display area” is multi-functional display area,showing WELCOME,program processing chart etc;
- 9、“above green display tube” is annular track, One round is 400 meters;
- 10、“ Left LED display area window” showing present sport mode light.;

### Second、 Key Function:

- 1、“PRO” is application launcher: in the standby mode, can be chose circularly by pressing this key: “BIM”, “TIME COUNT”, “DISTANCE COUNT” “CALORIES COUNT”, “Heart Rate”, “MANUAL MODE”, “ALPINE PASS”, “5K LOOP”, “TRAINING TOOLS”, “FOREST WALK”, “TRAILBLAZER”, “10K LOOP”, “RANDOM HILL”.

“REST” return key: Press this key can return standby Interface;

3. “START/STOP”: If the power is switched on and safe lock is ok, the treadmill can be started or stopped by pressing this key at anytime
4. “SPEED+” and “SPEED-” are speed addition and subtraction keys: standby state, used to adjust the set value. It is used to adjust the speed after starting, and its adjustment range is 0.1 km/time.
5. "INCLINE ↑", "INCLINE ↓" is the slope plus or minus button: standby state, used to adjust the set value. It is used to adjust the slope after starting, and the adjustment range is 1 segment/time.
6. "1, 2, ... 9, 0, Delete, ok" for speed, slope shortcuts.

Third, quick start (manual mode):

1. Turn on the power switch and properly attach the magnetic safety lock to the safety lock position below the panel.
2. Press “START” to start the stop button, the system will enter the 3 second countdown, the buzzer sounds, and the “Central dot matrix display area window” window displays the countdown number. After the 3 seconds countdown, the treadmill will be at 1 km/h. start operation.
3. After starting, use the “SPEED+” and “SPEED -” keys to adjust the speed of the treadmill. Use the “INCLINE ↑” and “INCLINE ↓” keys to adjust the gradient of the treadmill.

Fourth, the operation during the movement:

1. Press the deceleration button to decrease the running speed of the treadmill.
2. Press the accelerator button to increase the running speed of the treadmill.
3. Press the slope button to decrease the slope of the treadmill.
4. Press the slope button to increase the slope of the treadmill.
7. Press the stop button to slow down the running opportunity until it stops running.
8. When the athlete holds the heartbeat handle with both hands, the heartbeat data is displayed for about 5 seconds.

Fifth, manual mode:

In the standby mode, press the “START/STOP” button directly, the treadmill starts running at 1.0 km/h speed and slope 0; other windows start counting from 0, press “INCLINE ↑”, “INCLINE ↓”, “The SPEED+”, “SPEED -” keys change the slope and speed.

After using “SPEED+” and “SPEED-” to modify the speed, use the numeric keypad to set the corresponding speed shortcut; after using “INCLINE ↑” and “INCLINE ↓” to modify the slope, use the numeric keypad to set the corresponding gradient shortcut. . The Delete button is the undo button and Ok is the confirmation button.

Sixth, built-in automatic program:

In the standby state, press the “PROGRAM” button to enter the editable countdown mode. The “TIME” window displays “30:00” and flashes. Press the “SPEED+” and “SPEED -” buttons to set the exercise time. The range is from 5:00 to 99:00.

The system has 8 built-in automatic programs, and displays the corresponding program map in the “Central Dot Matrix Display Area”. At the same time, the “TIME” window flashes; the preset time is 30:00, press “SPEED+”, “SPEED -” to set the required exercise time, then press “START/STOP” to start the built-in program. The built-in program is divided into 10 Segment, each movement time = set time/10. When entering the next paragraph, if the speed or slope will change, the system will give a “Bi-Bi- Bi-” 3 sound prompt, the speed and slope of the system will change with the block change, during which you can press “INCLINE ↓”, “The INCLINE ↑”, "SPEED+", and "SPEED -" keys change the speed and slope, but when the program enters the next segment, it will return to the speed and slope of the segment. After running a program, the

system will issue "B iB i- B The 3" prompts of i", the treadmill steadily slows down and stops running.

Seventh, program description and program diagram

4. SPEED stands for speed and INCLINE stands for slope. Each program divides the exercise time into 24 equal parts, each with a corresponding speed and slope. (Because the last one is a random pattern, you cannot attach a program diagram)

number program	1		2		3		4		5		6		7		8		9		10	
	speed	gradient																		
P1	2	0	3	0	5	3	8	3	9	5	9	5	10	5	11	3	12	3	12	3
P2	1	1	2	2	3	3	4	3	5	1	6	2	7	2	8	3	9	2	10	2
P3	3	1	4	3	5	5	7	7	9	7	10	5	9	3	7	1	6	1	5	1
P4	3	0	3	0	4	0	4	0	6	3	6	3	8	3	8	3	6	0	6	0
P5	1	0	2	2	3	2	4	5	5	5	6	5	7	3	8	3	9	2	10	2
P6	1	1	2	2	3	3	4	3	5	1	6	2	7	2	8	3	9	2	10	2

number program	11		12		13		14		15		16		17		18		19		20	
	speed	gradient																		
P1	13	6	13	6	13	6	13	6	12	6	12	3	11	3	10	3	9	3	9	2
P2	11	1	13	2	13	3	11	3	10	1	9	2	8	2	7	3	6	2	5	2
P3	4	2	4	2	5	3	7	3	9	4	10	4	11	5	12	5	11	6	10	6
P4	5	0	5	0	8	3	8	3	6	3	6	3	8	3	8	2	6	2	6	2
P5	11	2	13	1	2	1	3	1	4	1	5	2	6	2	7	3	8	2	9	2
P6	11	1	13	2	13	3	11	3	10	1	9	2	8	2	7	3	6	2	5	2

number program	21		22		23		24	
	speed	gradient	speed	gradient	speed	gradient	speed	gradient
P1	8	2	5	1	3	1	2	1
P2	4	2	3	3	2	2	1	2
P3	9	7	7	7	5	1	4	1
P4	4	2	4	1	3	1	3	1
P5	10	2	11	3	12	2	6	2
P6	4	2	3	3	2	2	1	2

Eighth. the range of numerical values:

Program settings:

parameter	initial value	Setting range	Display range
time(min:sec)	30:00	5:00-99:00	0:00—99:59
gradient (segment)	0	0-15	0-15
speed (KM/H)	1.0	1.0-20	1.0-20
distance(kM)	5.0	0.5-99.0	0.00—99.9
Heart rate(times/min)	N/A	N/A	50-200
calorie(KCAL)	100	10-990	0—999

Security lock function:

In any situation, pulling off the safety lock can stop the treadmill from running urgently. When the treadmill is in an emergency stop, the bee sounder screams and the window displays “safe” ; at this time, the treadmill cannot perform any other operations except shutdown.

After the full lock is re-installed correctly, the treadmill re-enters the standby state and waits for an input command.

Shutdown:

The treadmill can be turned off at any time by turning off the power switch so that it does not damage the treadmill.

Machine debugging process:

1. Before powering on, please confirm whether the power supply voltage is normal, confirm whether the grounding wire is well grounded, whether the running belt is flexible by hand, whether there is abnormal noise, and whether the resistance is abnormal.
2. Turn on the power, turn on the red power switch on the front of the machine, enter the standby state after the electronic watch is fully displayed for three seconds, press the “START/STOP” button, the treadmill starts running, and the running speed is 1km/h. Please observe the running at this time. Whether the various parts of the machine are working properly.
3. Press all the buttons on the electronic watch to see if each button corresponds to its marked function, and whether the button is valid and feels good.
4. Press the safety switch to see if the electronic watch screen displays the emergency stop action (SAFE) prompt character. Whether the running treadmill will stop.
5. Shake the handrail of the machine by hand to confirm if the machine is stable.
6. Check the tightness of the running belt of the machine during commissioning. For details, please check the attachment “Daily Maintenance of Treadmill” .

Daily maintenance:

The electric treadmill adopts special imported running belt, which is made of special production technology of cotton composite material. It has the advantages of small friction coefficient, high tensile strength and low noise. The running board adopts a unique double damping system. The top layer of urea-formaldehyde resin has high surface finish and super wear resistance, making the movement more comfortable and smooth!

1. When the machine has a lot of dirt or the lubricant is reduced, the friction coefficient of the running board

and the running belt will increase, and the load output power will increase. As a result, the running board may be caused and the running belt surface is severely worn. (Motor, inverter, roller, motor belt, etc.) The entire drive system is seriously damaged. This damage is not covered by the warranty.

2. At least one inspection of the running condition of the running board and the running belt must be carried out every week. Please increase the oil according to the actual frequency of the treadmill of the fitness club. (If the frequency of each machine is 6 hours or more per day, add oil every 10 days or so, each time is increased by about 50ml each time. If the frequency of each machine is less than 6 hours per day, every 15 days Add oil to the left and right, each time adding about 50ml each time.

Remember: Do not use oil excessively. It's not right that the more lubricant, the better. Reasonable lubrication is an important factor to improve the service life of the treadmill.

3. Lubricating oil increase method:

- Use oil cans and tubing to add lubricating oil from both sides of the running belt to the standing area of the user's feet;
- Start the treadmill, the treadmill runs slowly at a speed of 1KM/, and the user walks on the running belt so that the lubricating oil can be evenly spread on the running belt.

Remember: ● Do not use lubricant excessively. The more lubricant, the better. Reasonable lubrication is an important factor to improve the service life of the treadmill.

● Be sure to run at low speed after adding lubricating oil, avoid running the belt to break the lubricating oil into the motor during high-speed operation, causing the motor to short-circuit and damage the motor;

4. Determine the amount of friction:

Uncleanliness or reduced lubricant can cause increased friction between the running board and the running belt, and may cause damage to the motor and the inverter. The friction is too large and has the following characteristics:

(1) In the power-off state, using the foot to move the running belt, it feels very difficult, even unable to move.

(2) The treadmill is unloaded normally, and the speed is obviously slow or irregularly stopped during load.

(3) The frictional force increases, which may cause wear of the running belt, the motor control board is damaged, the overload protector operates, and the inverter protects.

5. Running belt deviation adjustment:

The treadmill should be adjusted before and after the installation. After using for a period of time, the running belt may run off. The reasons for this phenomenon are as follows:

(1) The main unit is not placed smoothly.

(2) When the user is exercising, the feet are not in the center area of the running belt.

6. The phenomenon of deviation caused by man-made can resume normal after two to three minutes of no-load operation. For the deviation phenomenon that cannot be automatically recovered, apply the special tool (M&L type wrench) that is equipped with the adjustment screw in the rear screw hole in units of a quarter turn (ninety degrees).

7. Specific adjustment method: If the running belt is biased to the left, adjust the adjusting screw on the left clockwise or adjust the adjusting screw on the right counterclockwise. If the running belt is biased to the right, adjust the adjusting screw on the right or counterclockwise. Adjust the adjustment screw on the left and recommend adjusting it to ninety degrees (one quarter turn) each time.

The running belt deviation is not covered by the warranty. It is mainly maintained by the user.

The running belt will seriously damage the running belt. It must be discovered in time and

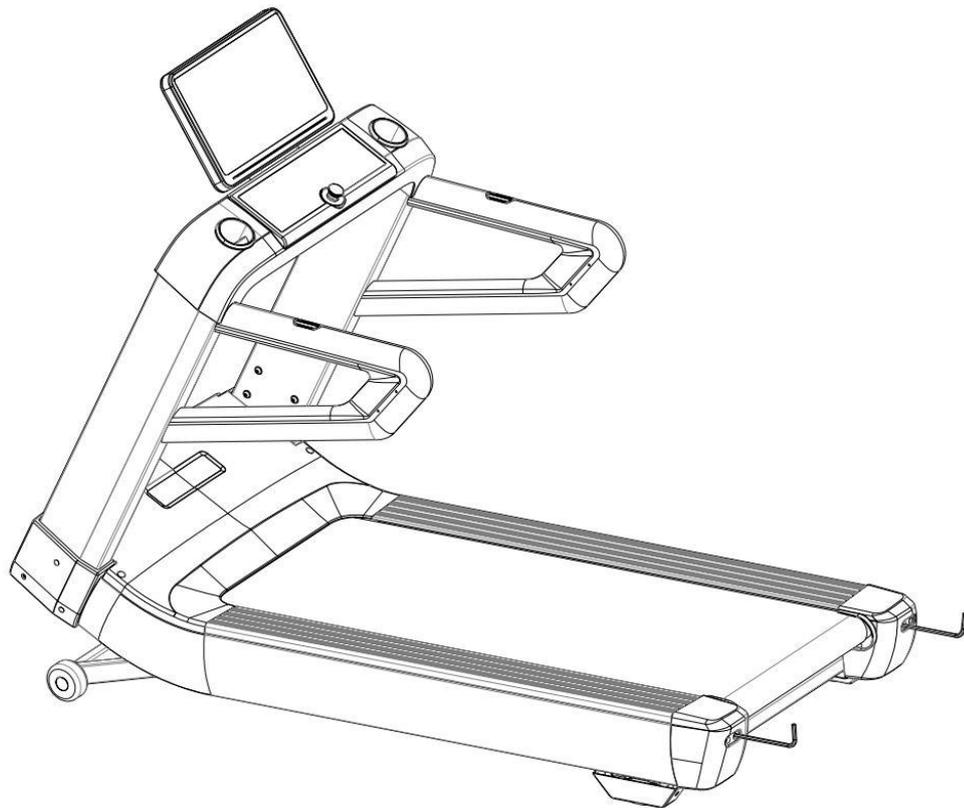
corrected in time

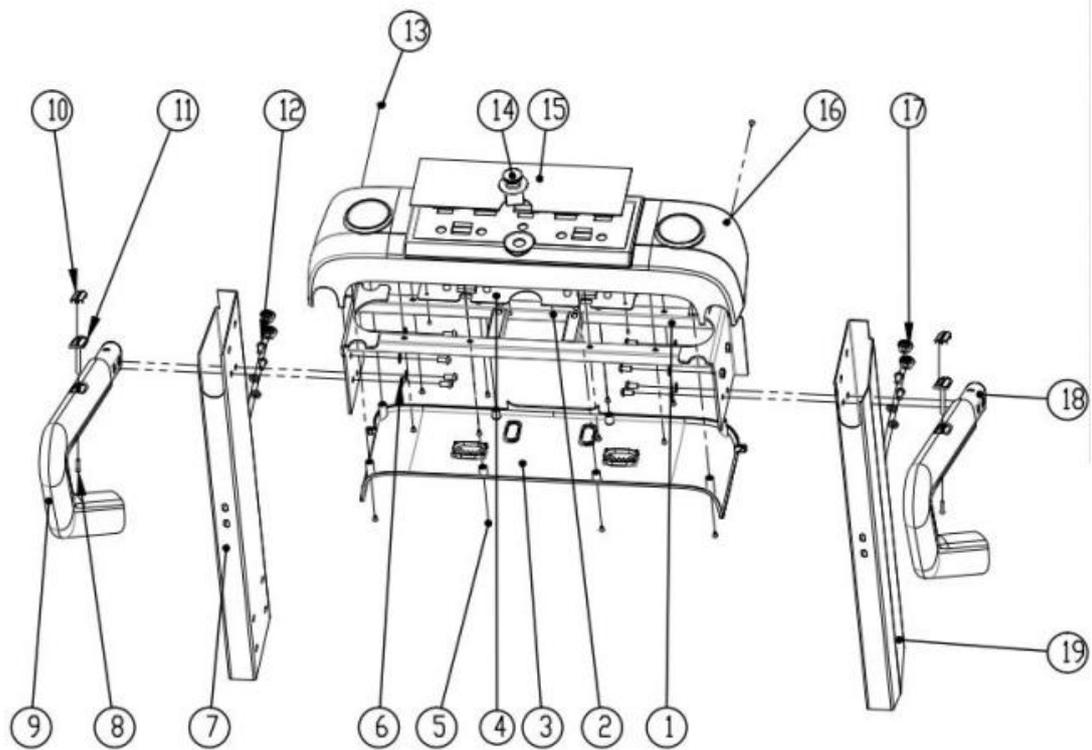
8. The overall elastic adjustment method of the running belt: If the running belt is loose overall, the user may have “slip phenomenon during running, or the running belt is too tight (the power output of the inverter and the motor will be greatly increased) Need to adjust the running belt accordingly.

(1) Tightening: Adjust the adjusting screw in the left and right adjustment holes of the rear end cover clockwise with the special tool (M8L type wrench) equipped with a special one-quarter turn (90 degrees). (The adjustment speed is the same on both sides)

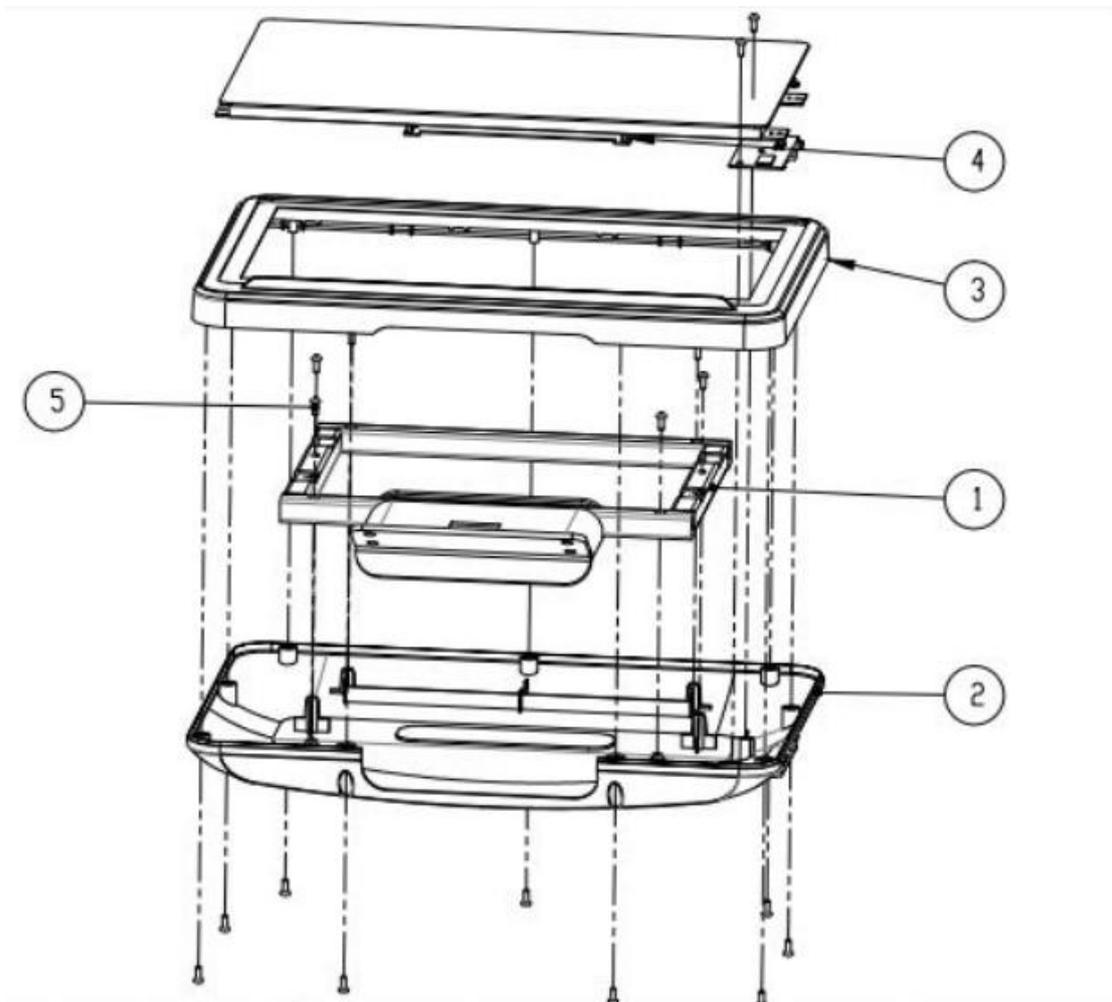
(2) Adjusting the looseness: Adjust the adjustment screw in the left and right adjustment holes of the rear end cover counterclockwise with the special tool equipped with the special tool (the adjustment of the left and right sides is the same).

9. Running belt adjustment diagram:

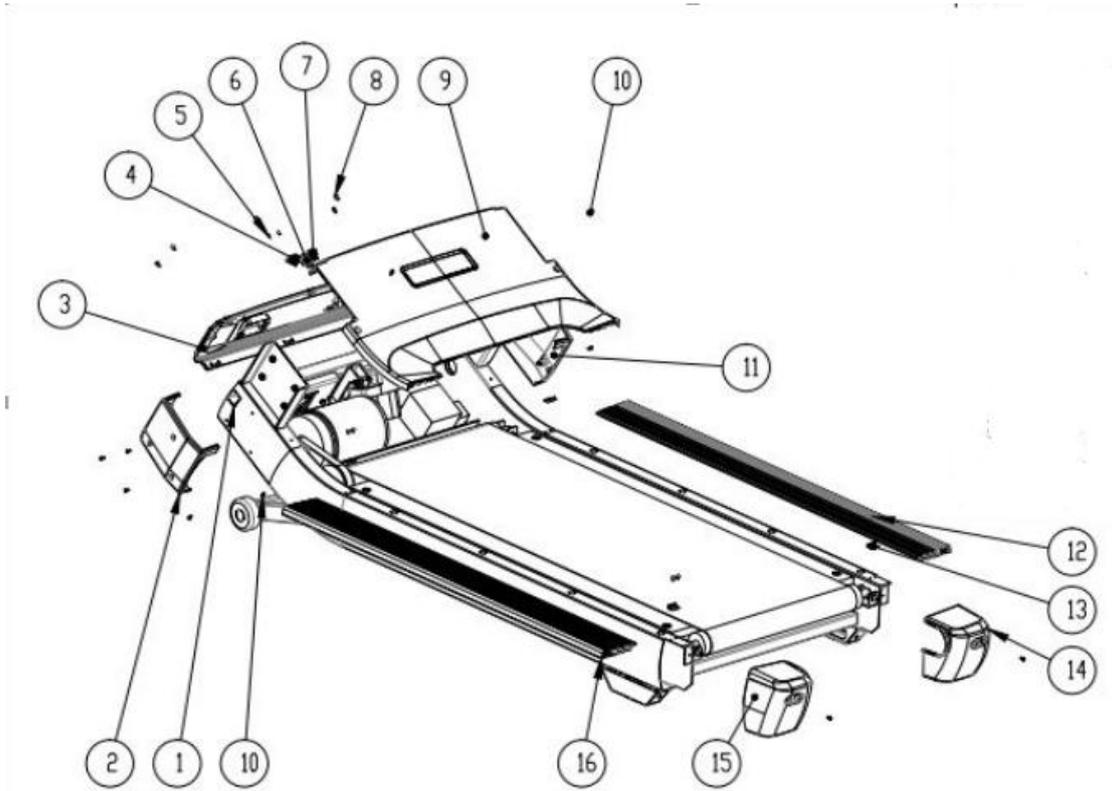




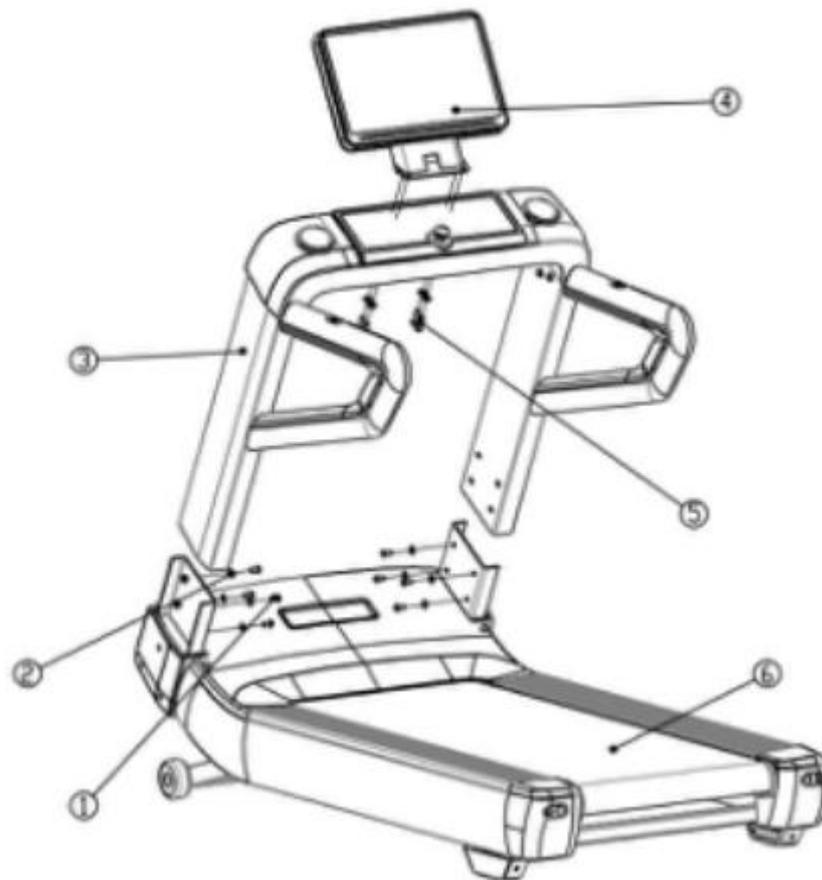
- 1 Digital Screen Stand 1
- 2 Cross Slot Source wood screw 8
- 3 lower cover of Digital Screen Stand
- 4 Operating circuit board
- 5 Cross Slot Source wood screw
- 6 gasket
- 7 left stand column
- 8 Cross Slot Source wood screw
- 9 handrail
- 10 heart rate sensor
- 11 heart rate sensor handle
- 12 Hexagon head cap screws
- 13 Cross recessed countersunk head screws
- 14 Emergency Button
- 15 Acrylic board
- 16 Upper cover of Digital Screen Stand
- 17 601 plastic cover
- 18 Handrail
- 19 right stand column



- 1 Digital Screen
- 2 Display Back Cover
- 3 Display front cover
- 4 Interface board
- 5 Cross Wood screw



- |                                |    |
|--------------------------------|----|
| 1 Running Platform Assemble    | 1  |
| 2 Left side Cover              | 1  |
| 3 Motor Back Cover             | 1  |
| 4 Three Core Socket            | 1  |
| 5 Cross Slot Source wood screw | 2  |
| 6 Overload Protector           | 1  |
| 7 Switch                       | 1  |
| 8 Cross Slot Source wood screw | 3  |
| 9 Motor Up Cover               | 1  |
| 10 Hexagon head cap screws     | 15 |
| 11 Right side cover            | 1  |
| 12 swash plate round head bolt | 8  |
| 13 Limit Side strip            | 4  |
| 14 Right Back Cover            | 1  |
| 15 Left Back cover             | 1  |
| 16 Up sidebar                  | 2  |



- 1 Hexagon head cap screws
- 2 gasket
- 3 Combination parts
- 4 Digital screen combination
- 5 Hexagon head cap screw
- 6 Running Platform Assemble