



BA68

 ADVANCED

Assembly Instructions

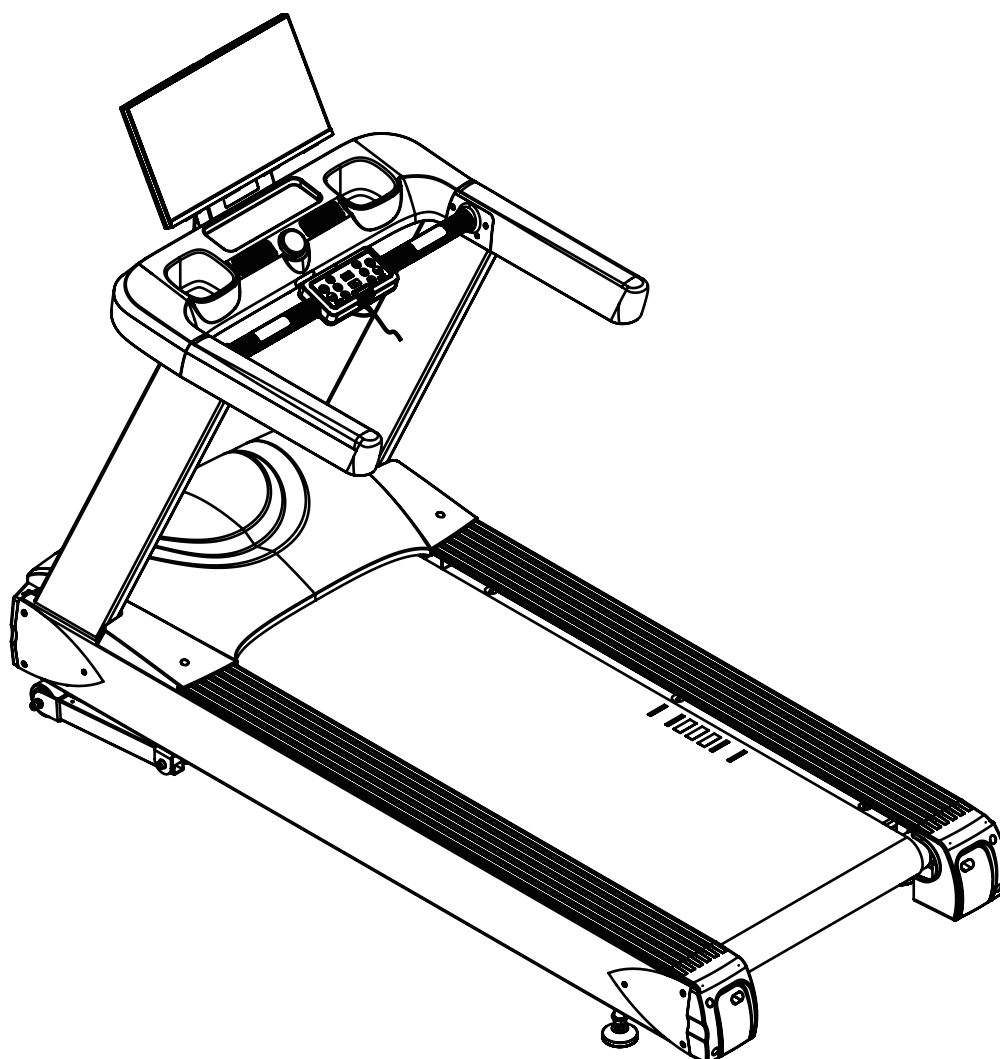


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The company reserves the right to interpret and correct printing errors in this instruction manual.

Attention Notes Precautions

PRODUCT MODEL:	CT70
PRODUCT CLASS:	SB
STANDARDS:	EN ISO 20957 - 1; EN ISO 20957 - 6
MAXIMUM NUMBER:	1 PERSON
PRODUCT DIMENSIONS:	2182mm×938mm×1607mm
MAXIMUM LOAD:	180KG
RATED WEIGHT:	190KG
RATED VOLTAGE:	220 - 240V, 50/60HZ
RETED POWER:	2.2KW
SPEED RANGE:	1 - 20KM/H
INCLINE RANGE:	0 - 15%



For maintenance, only our company's accessories may be used with this fitness equipment. To avoid unnecessary property damage, do not operate it beyond its intended scope. When in use, exercise caution and follow these rules.

Before using this equipment, read and fully understand the instructions.

Safe exercise.

- Consult your doctor and trainer before starting any fitness program.
- Proper warm-up is essential for safe exercise.
- Stop immediately and seek medical advice if you experience rapid heartbeat, dizziness, nausea, chest pain, or any discomfort during exercise.
- Control your workout intensity, maintain proper breathing, and avoid breath-holding to prevent injury.
- Individuals with health conditions or disabilities must obtain medical clearance and train under a coach's supervision.
- Those with cardiovascular diseases, hypertension, diabetes, or other conditions unsuitable for intense exercise must provide a hospital certificate.
- Lightweight users may trigger standby mode on high incline/low intensity; increase effort to resume tracking.

No Children Allowed

- Children are forbidden to use this equipment.
- Adolescents shall operate it under adult guardianship. Use of non - designated accessories is prohibited.

Attire

- Wear sport-appropriate clothing and sports shoes. Robes, chemical fiber clothes, slippers, high heels, etc., are prohibited to protect personal and equipment safety.

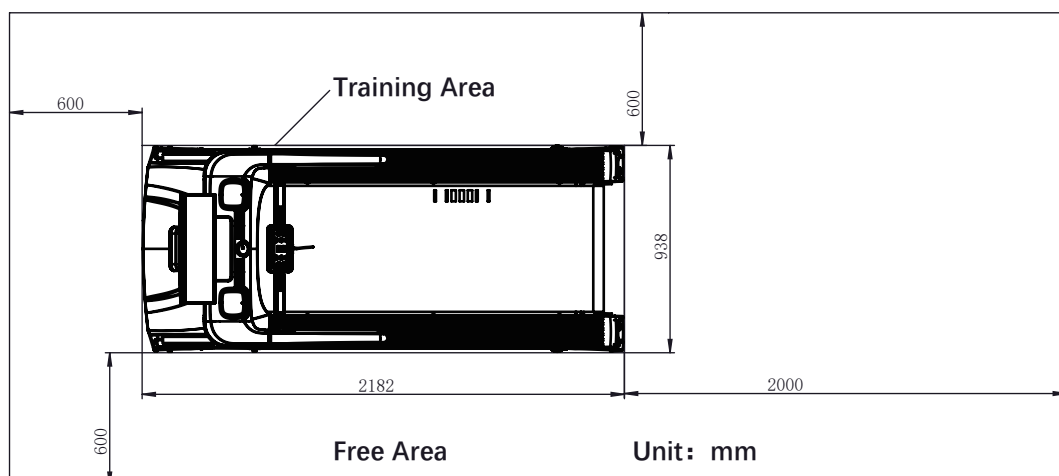
! Attention Notes Precautions

Equipment Usage

- Prior to use, identify all movable parts. Do not loosen or remove any components without authorization; keep head, limbs, and hair away from moving parts to avoid injury.
- To prevent accidents, thoroughly inspect for looseness or wear before use. If issues are found, contact the equipment manager and do not operate until professionally confirmed safe.
- Never use damaged, jammed, or entangled equipment. Handle with care during moving/relocating, maintaining balance.
- Prevent objects from falling into or being inserted into any openings.
- Maintain a minimum 2m×1m safety zone behind the equipment; avoid placing sharp/hazardous items nearby.
- Install and use on clean, flat, and stable ground. Keep away from damp/wet areas; outdoor use is prohibited.
- Do not modify, alter, or permanently remove any components.

Scope of Application

- This equipment is not intended for medical use. It is suitable for commercial venues such as fitness clubs and should be used under the guidance of a professional fitness trainer.
- This equipment is for designated use only. Do not perform actions beyond its intended scope.
- Do not use accessories not recommended by the manufacturer to avoid potential injury and damage. Use only as specified in this manual; other manufacturers' instructions are not valid.



Parts List

Note: Some parts listed in the table may have been pre - installed.

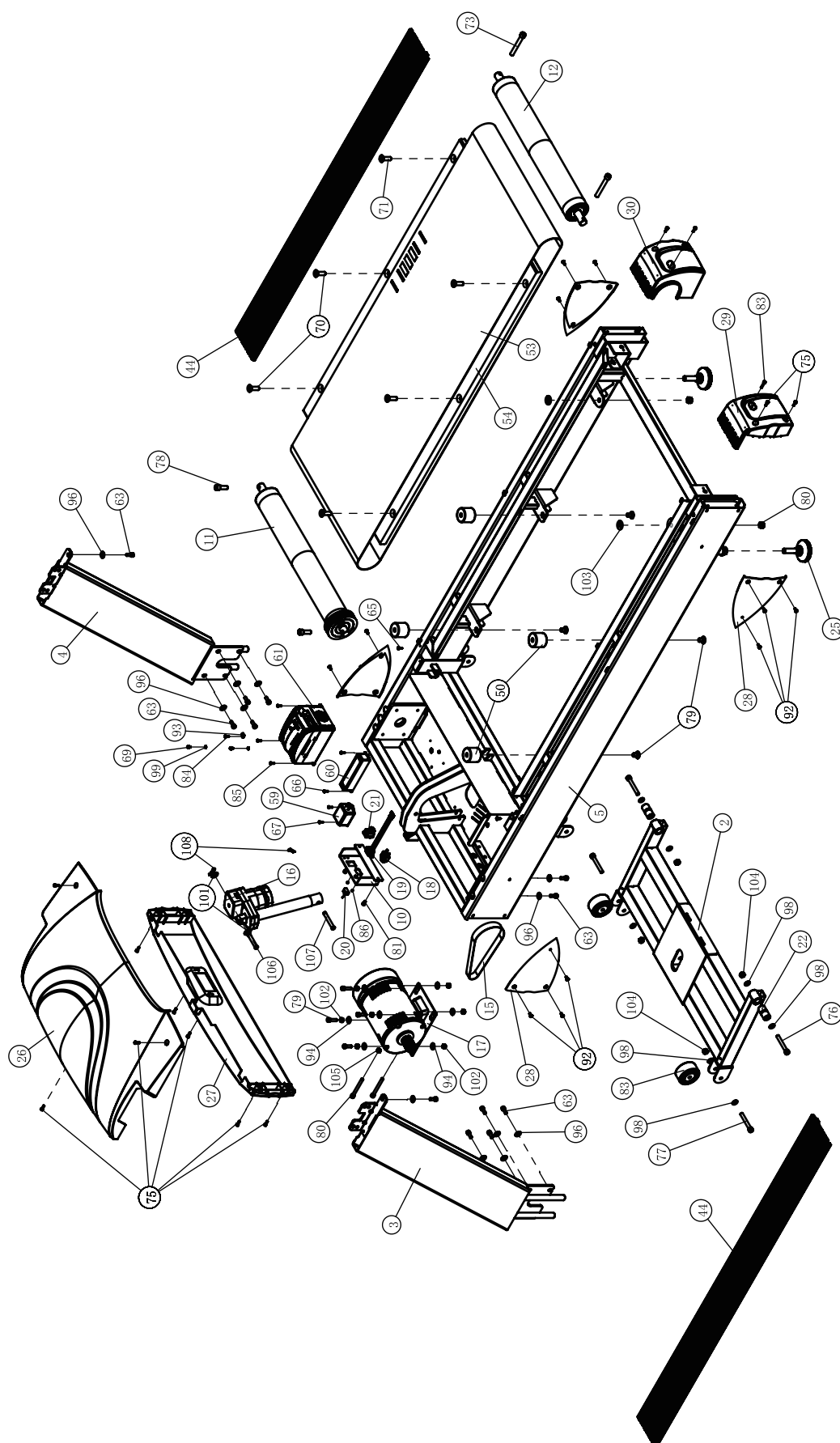
NO.	Description	Qty	NO.	Description	Qty
1	Main Frame Assembly	1	32	Middle Control Lower Shell	1
2	Lifting Frame Assembly	1	33	Left Armrest Decorative Cover	1
3	Left Upright Assembly	1	34	Right Armrest Decorative Cover	1
4	Right Upright Assembly	1	35	Face Shell Upper Cover	1
5	Front Handrail Assembly	1	36	Face Shell Lower Cover	1
6	Support Frame Assembly	1	37	Adjustable Fan Cover	2
7	Left Handrail Assembly	1	38	Decorative Upper Cover	1
8	Right Handrail Assembly	1	39	Decorative Lower Cover	1
9	Control Panel Frame Assembly	1	40	Emergency Stop Rope	1
10	Switch Fixed Seat Assembly	1	41	Emergency Stop Plug Cover	1
11	Front Roller	1	42	Emergency Stop Plug	1
12	Rear Roller	1	43	Emergency Stop Half Box	2
13	Running Belt	1	44	Edge Strip	2
14	Running Board	1	45	Handlebar Cover	2
15	Multi-Rib Belt	1	46	Upper Cover of Handgrip Pulse	2
16	Lifting Motor	1	47	Power Cover of Handgrip Pulse	2
17	AC Motor	1	48	Left Armrest	1
18	Overload Current Protector	1	49	Right Armrest	1
19	C14 Power Socket	1	50	Cushion Pad	4
20	3C Power Cord	1	51	Round Cushion Pad	2
21	Power Switch	1	52	Projection Electronic Watch	1
22	Small Rotating Shaft	2	53	Middle Control Keypad	1
23	Fan Wheel Fixing Plate	4	54	Middle Control Board	1
24	Foot Pedal	2	55	Wireless Charging Module	1
25	Height - adjusting pad	2	56	Shuttle	1
26	Motor Cover	1	57	Safety Lock PCB Board	1
27	Motor Front Cover	1	58	Fan	2
28	Decorative Cover	4	59	Filter	1
29	Left Rear Adjuster	1	60	Power Potentiometer	1
30	Right Rear Adjuster	1	61	Frequency Converter	1
31	Middle Control Upper Shell	1	62	Drop-shaped Decorative Logo	1

Parts List

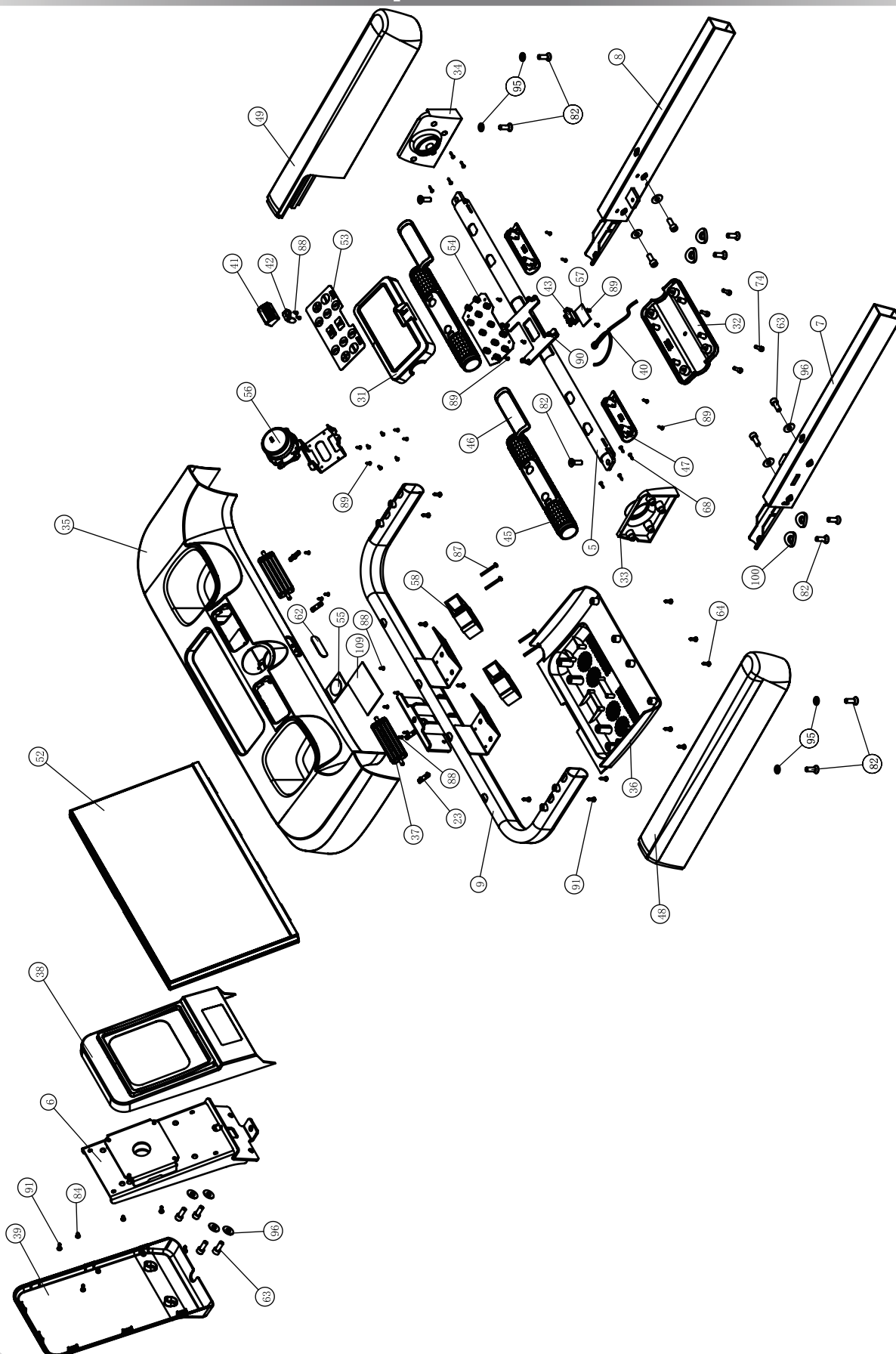
Note: Some parts listed in the table may have been pre - installed.

NO.	Description	Qty	NO.	Description	Qty
63	Hexagon Socket Cylinder Head Bolt M8*20	21	87	Cross-recessed Pan Head Bolt M4*35	4
64	Cross-recessed Pan Head Screw ST4.2*19	8	88	Cross-recessed Pan Head Self-tapping Screw ST2.9*8	14
65	Cross-recessed Pan Head Self-drilling Screw ST4.2*15	2	89	Cross-recessed Pan Head Self-tapping Screw ST2.9*10	18
66	Cross-recessed Pan Head Self-tapping Screw ST2.9*15	2	90	Cross-recessed Pan Head Self-tapping Screw ST4.2*13	4
67	Cross-recessed Pan Head Screw M5*15	2	91	Cross-recessed Pan Head Self-tapping Screw ST4.2*16	12
68	Cross-recessed Pan Head Screw ST4.2*19	8	92	Cross-recessed Pan Head Self-tapping Screw ST4.8*12	12
69	Hexagon Head Cross Screw M4*8, Green	2	93	U-shaped Cable Clip	1
70	Hexagon Socket Countersunk Head Bolt M12*20	4	94	Flat Washer $\phi 9\phi 22t1.6$	16
71	Hexagon Socket Countersunk Head Bolt M12*50	2	95	Flat Washer $\phi 9\phi 16t1.6$	4
72	Hexagon Socket Countersunk Head Bolt M12*40	4	96	Flat Washer $\phi 8.4\phi 16t1.6$	17
73	Hexagon Socket Cylinder Head Bolt M12*90	2	97	Flat Washer $\phi 8.4\phi 22t1.6$	4
74	Cross-recessed Pan Head Screw M5*12	4	98	Flat Washer $\phi 11\phi 202$	8
75	Hexagon Socket Cylinder Head Screw M5*15	13	99	External Tooth Lock Washer $\phi 4$, 65Mn	2
76	Hexagon Socket Countersunk Head Bolt M10*75	2	100	Arc-shaped Gasket $\phi 20\phi 8.5*1.5$	4
77	Hexagon Socket Countersunk Head Bolt M10*65	2	101	Nylon Washer M10Nylon10*25*1	2
78	Hexagon Socket Cylinder Head Bolt M12*35	2	102	Lock Nut M8	8
79	Hexagon Socket Cylinder Head Bolt M8*30	4	103	Lock Nut M12	2
80	Hexagon Socket Cylinder Head Bolt M8*80	2	104	Lock Nut M10	4
81	Hexagon Socket Cylinder Head Bolt M6*10	2	105	Hexagon Nut M8	1
82	Hexagon Socket Countersunk Head Bolt M8*25	10	106	Perforated Shaft $\phi 10*58$	1
83	Cross-recessed Pan Head Screw M5*25	2	107	Perforated Shaft $\phi 10*73$	1
84	Cross-recessed Pan Head Screw M4*8	7	108	Type B Dowel Pin $\phi 1.8*35$	2
85	Cross-recessed Pan Head Screw M4*15	4	109	MCU Small Board	1
86	Cross-recessed Countersunk Head Screw M3*5	2			

Exploded View

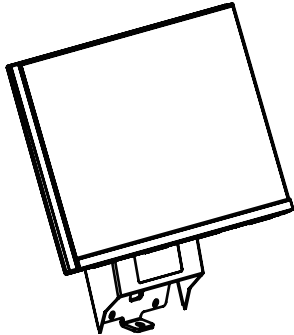


Exploded View

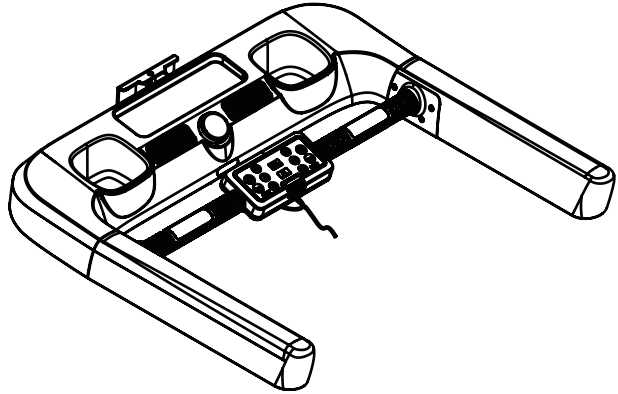


Packing List

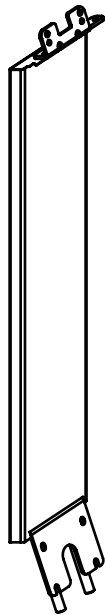
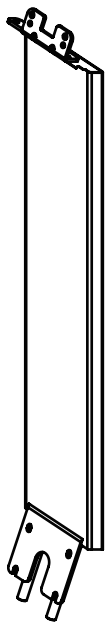
Electronic Display



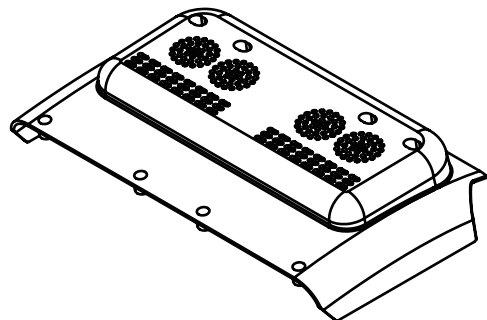
Console Panel



Left Upright Frame Right Upright Frame

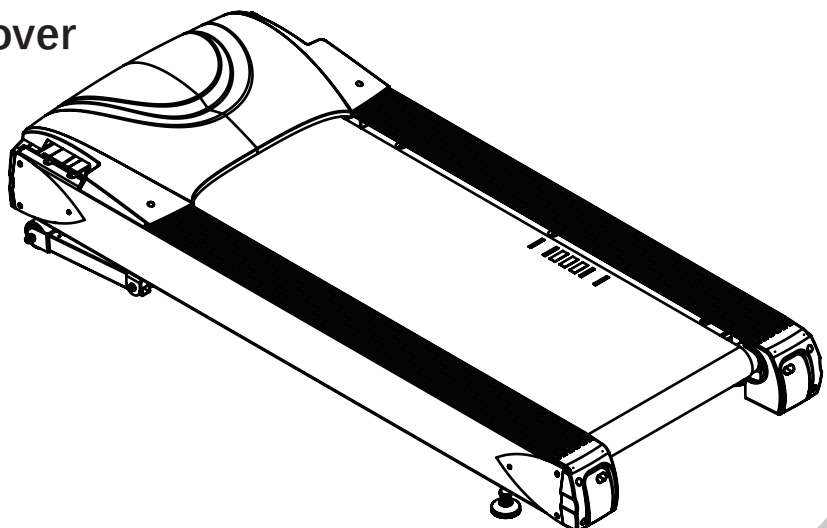
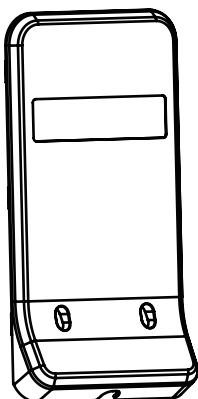


Lower Cover of Face Shell



Under Frame

Decorative Lower Cover

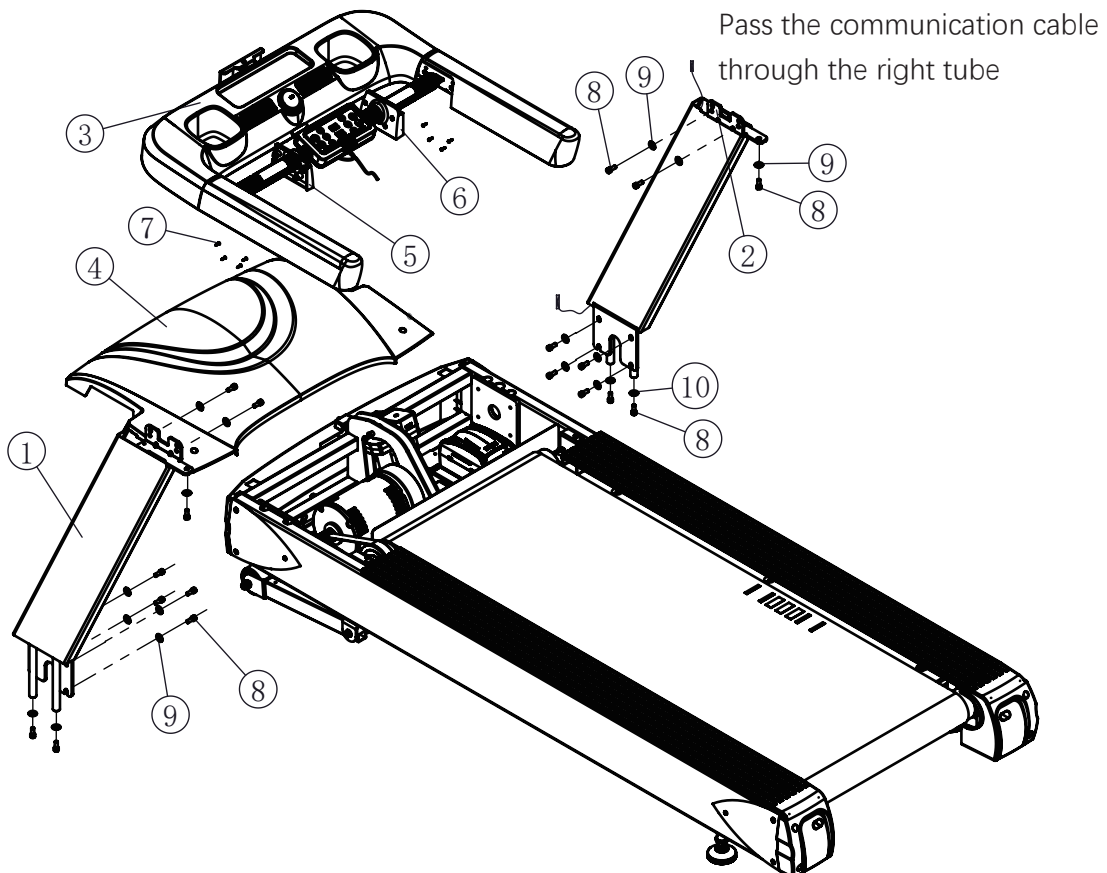


Assembly

STEP 1

- 1、 Remove the motor cover #4.
- 2、 Insert the left upright frame #1 and the right upright frame #2 into the base frame. Use hexagon socket head cap screws #8 (M8×20) and washers #9 ($\phi 8.4 \times \phi 16 \times 1.6$), #10 ($\phi 8.4 \times \phi 22 \times 1.6$), and pre-tighten them.
- 3、 Slide the left decorative cover #5 and the right decorative cover #6, insert the control console #3 onto the upright frames. First, connect the communication cable, then use hexagon socket head cap screws #8 (M8×20) and washers #9 ($\phi 8.4 \times \phi 16 \times 1.6$), and pre-tighten them.
- 4、 Install the left decorative cover #5 and the right decorative cover #6, using cross recessed pan head screws ST4.2×19, and pre-tighten them.

NO.	Description	QTY
1	Left Upright Frame	1
2	Right Upright Frame	1
3	Control Console	1
4	Motor Cover	1
5	Left Decorative Cover	1
6	Right Decorative Cover	1
7	Cross Recessed Pan Head Screw ST4.2×19	8
8	Hexagon Socket Head Cap Screw, M8×20	16
9	Washer, $\phi 8.4 \times \phi 16 \times 1.6$	12
10	Washer, $\phi 8.4 \times \phi 22 \times 1.6$	4

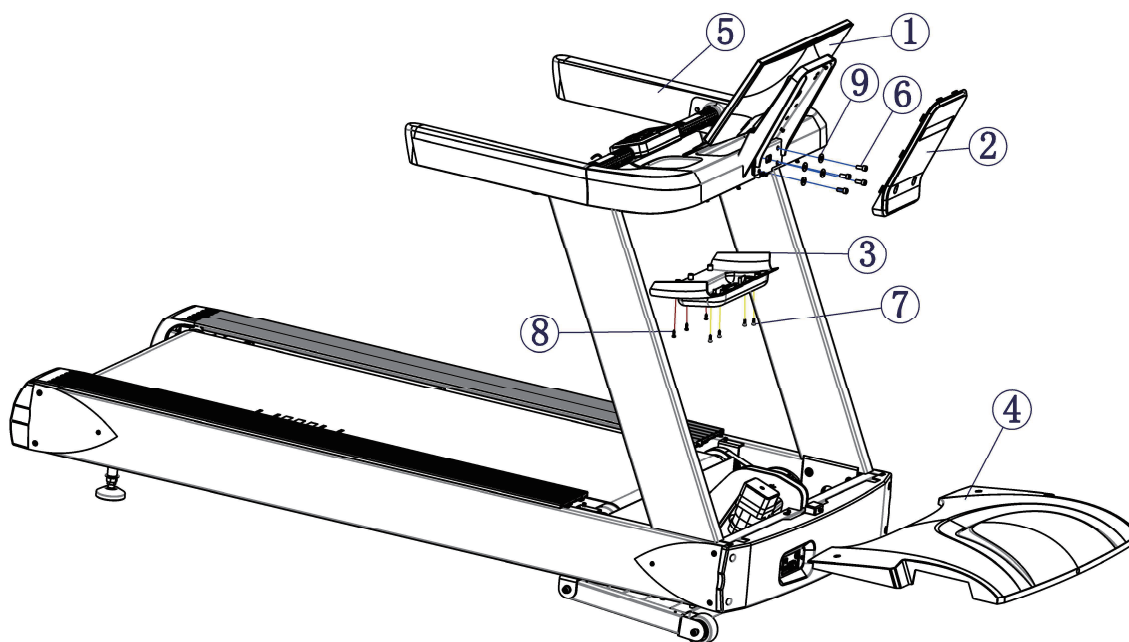


Assembly

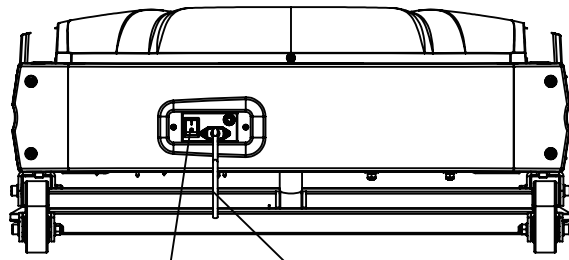
STEP 2

- 1、 After the console is installed, install the electronic watch #1 on the console #5, and fix it with hexagon socket head cap screws #6 (M8×20) and washers #9 (φ8.4×φ16×1.6).
- 2、 Install the lower face shell cover #3 on the console #5, and fix it with cross recessed pan head self-tapping screws #7 (ST4.2×16) and cross recessed pan head screws #8 (M4×8).
- 3、 Tighten the pre-locking screws, reinstall the motor cover #4, and embed the lower decorative cover #2 into the electronic watch.

NO.	Description	QTY
1	Electronic Watch	1
2	Lower Decorative Cover	1
3	Lower Face Shell Cover	1
4	Motor Cover	1
5	Console	1
6	Hexagon Socket Head Cap Screw, M8×20	4
7	Cross Recessed Pan Head Self-tapping Screw, ST4.2×16	4
8	Cross Recessed Pan Head Screw, M4×8	4
9	Washer, φ8.4×φ16×1.6	4



Operation and Maintenance



power switch

power cord

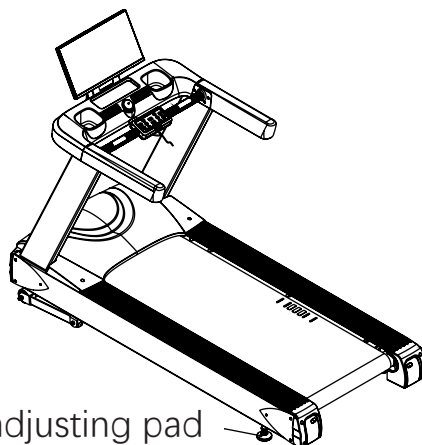


Warning

- 1、 For your personal safety and the normal operation of the machine, ensure the grounding wire of the socket is reliably grounded.
- 2、 For your personal safety and the normal operation of the machine, strictly prohibit operation with wet hands.
- 3、 Do not open the motor cover for maintenance by yourself to avoid danger.
- 3、 After each use of this equipment, turn off the power switch. This can save electricity, extend the service life of the equipment, and ensure safety.
- 4、 The power socket must be a 16A, 220V socket with good grounding to avoid electric shock accidents.
- 5、 The machine body is strictly prohibited from being flooded to avoid damaging the machine.
- 6、 When the power is on, keep the power cord away from the moving wheels under the machine.
- 7、 Do not pass the power cord under the machine. It is forbidden to use a damaged power cord.

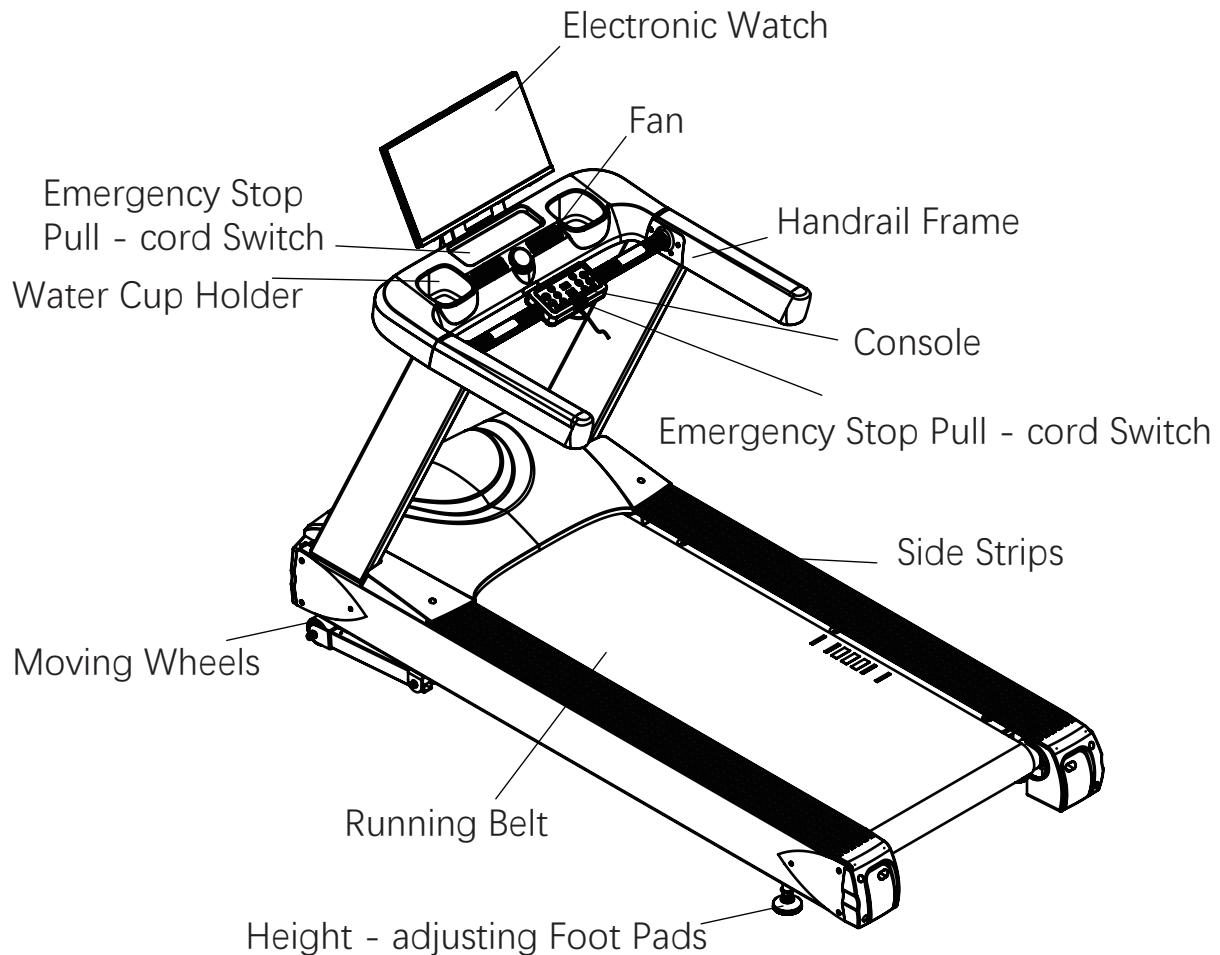
Level Adjustment

The treadmill must be adjusted to the optimal horizontal position for use. After placing the treadmill at the location for use, use the height - adjusting pads at the bottom of the treadmill console to adjust it to a horizontal state. After adjusting to the appropriate position, tighten and secure the bolts on the machine.



height - adjusting pad

! Operation and Maintenance



Electronic Watch: Displays sports parameters.

Water Cup Holder: Holds sports water cups.

Handrail Frame: For holding during exercise or when paused.

Moving Wheels: For moving the equipment.

Side Strips: Can be stepped on during pause or emergency for safe escape.

Height - adjusting Foot Pads: Adjust to keep the machine stable on the ground.

Running Belt: The area for running.

Emergency Stop Pull - cord Switch: Attach the safety clip to clothes during exercise; pulling the cord in an emergency stops the motor quickly.

Console: Has buttons for speed, incline, start, stop, etc.

Wireless Charging Platform: Wirelessly charges mobile phones and holds sundries.

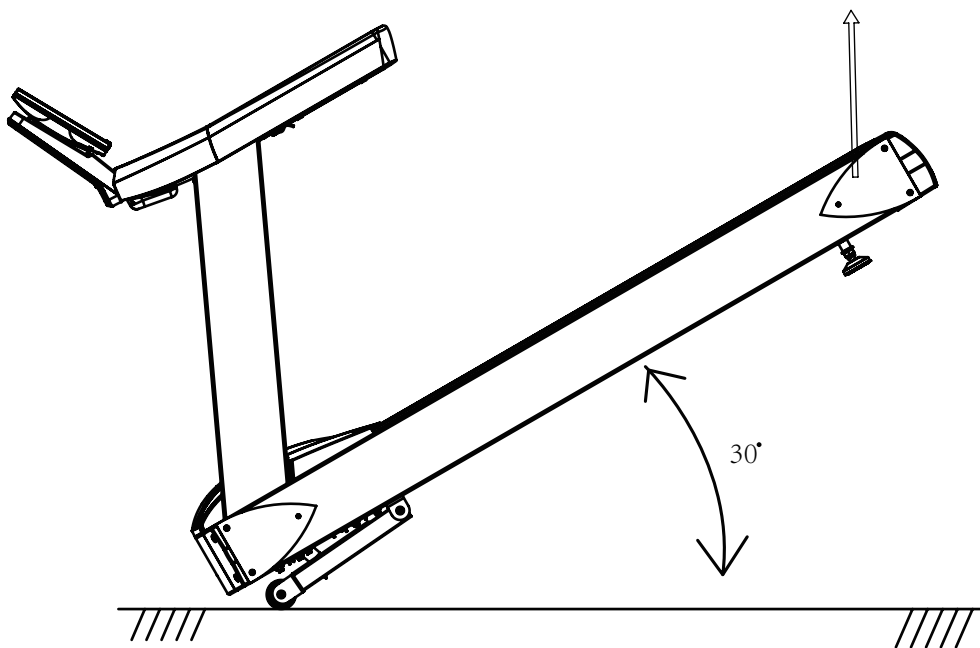
Fan: Adjust speed via the fan button on the electronic watch to cool the user.

! Operation and Maintenance

Before moving the treadmill: Ensure assistance for transport (capacity > 100kg) and a flat surface. Lift the rear, use rollers to move it, then slowly lower until height - adjusting pads touch the ground before releasing.

Note: During transport, keep the angle between the frame side and ground < 30°; > 30° may damage the front power cord and base frame.

Move the Treadmill



! Operation and Maintenance

1、Running Belt Adjustment

For a better treadmill experience, it's necessary to adjust the running belt to the optimal state.

①. Deviation Phenomenon and Adjustment

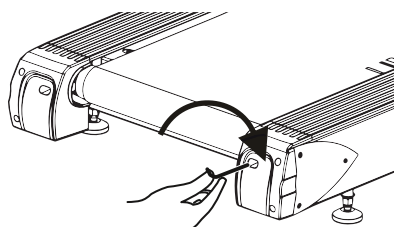
Deviation range: A left - right deviation of the distance between the running belt and the side strip within $\pm 5\text{mm}$ requires adjustment.

Adjust the deviation at a running speed of 4 km/h. Note: The running belt must not slip after adjustment.

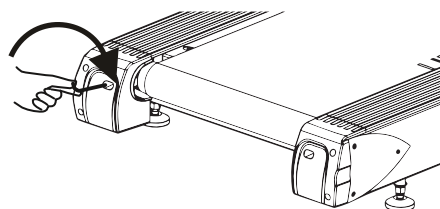
Deviation to the Right: Use an inner hexagon wrench to rotate the inner hexagon adjustment bolt on the right side at the back of the machine clockwise by $1/4$ turn. Or rotate the adjustment bolt on the left side counter-clockwise.

Deviation to the Left: Use an inner hexagon wrench to rotate the inner hexagon adjustment bolt on the left side at the back of the machine clockwise by $1/4$ turn. Or rotate the adjustment bolt on the right side counter-clockwise.

deviate to the right

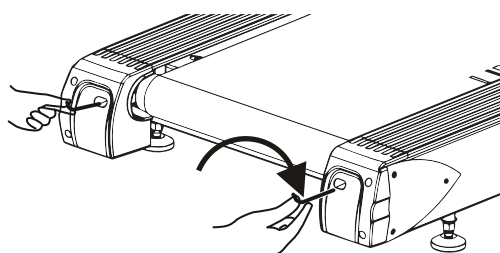


deviate to the left



②. Basis for Tightness Adjustment and Correct Adjustment

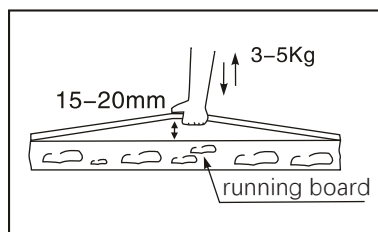
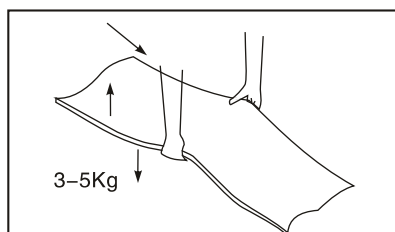
After the treadmill has been used for a while, the running belt may slip slightly. This is caused by the natural stretching of the running belt, a normal phenomenon. At this time, please adjust the two inner hexagon adjustment bolts at the back of the machine clockwise at the same time until the running belt no longer slips.



Operation and Maintenance

Correct Method for Judging Running Belt Tightness :

Method 1: Use both hands to pull the running belt evenly with a force of 3–5K. The distance between the running belt and the running board should be 15–20mm for proper tightness. If it exceeds 20mm (too loose) or is less than 15mm (too tight), adjust appropriately.



Method 2: Set the running belt speed to 5 km/h. Grasp the handrails tightly with both hands and step on the side strips with feet. Step on the running belt with the other foot. If there's no relative sliding between the running belt and the roller tube, the tightness is appropriate. This method is not for children or those with mobility impairments.

2、Cleaning Methods

Warning: Before cleaning or maintaining the product, be sure to unplug the power plug of the electric treadmill.

Thorough cleaning will extend the service life of the electric treadmill.

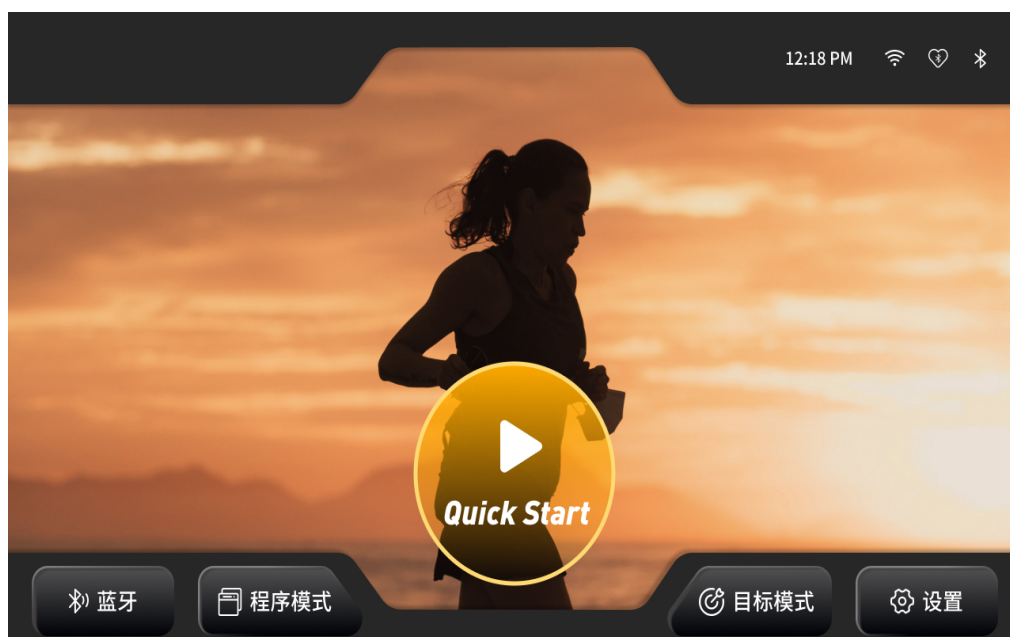
Regularly remove dust to keep components clean. Sweep the exposed parts on both sides of the running belt. This will reduce the accumulation of debris that needs to be cleaned irregularly. Keep sports shoes clean and avoid bringing foreign objects into the running belt, which may wear the running board and the running belt.

For the surface of the running belt, use a damp cloth with soap to wipe it. Please note that water should not splash on electrical components and under the running belt.

After using the machine for about 3 months, it is necessary to clean the console. Use a flathead screwdriver tool to open the motor cover, and use a small brush to carefully clean the dust on the controller, the motor, and the small belt.

Note: Do not damage electrical components or disconnect the control wires.

Instructions for Use of the Electronic Display



Introduction to the Use of Main Interface Functions

1、 **Quick Start:** Press the central control button  , or select the “Quick

Start” icon on the main interface using the operation knob to start exercising.

2、 **Program Mode:** Use the operation knob to select the program mode icon on the main interface to enter the preset program selection interface. You can choose 1 from 10 preset programs to start exercising.

3、 **Target Mode:** Use the operation knob to select the target mode icon on the main interface to enter the target mode selection interface. You can choose 1 from target time, target distance, and target calories as the exercise target. Select again to adjust the exercise target. After selecting your target by rotating the knob, start exercising.

4、 **Bluetooth:** Use the operation knob to select the Bluetooth icon on the main interface to enter the Bluetooth connection interface and select the target Bluetooth headset for matching.

5、 **Settings:** Use the operation knob to select the settings icon on the main interface to enter the factory settings interface. You can view the system version, connect to WiFi, switch languages, etc. in the settings (non-professional staff are not allowed to modify the parameters in the settings at will).

6、 **Scan Code Login:** Users can scan the code to log in and register their own accounts. After each exercise, the background will push the exercise data to the user's mobile phone background.

7、 **Screen Projection Instructions:** Users can scan the code to view the screen projection operation process.

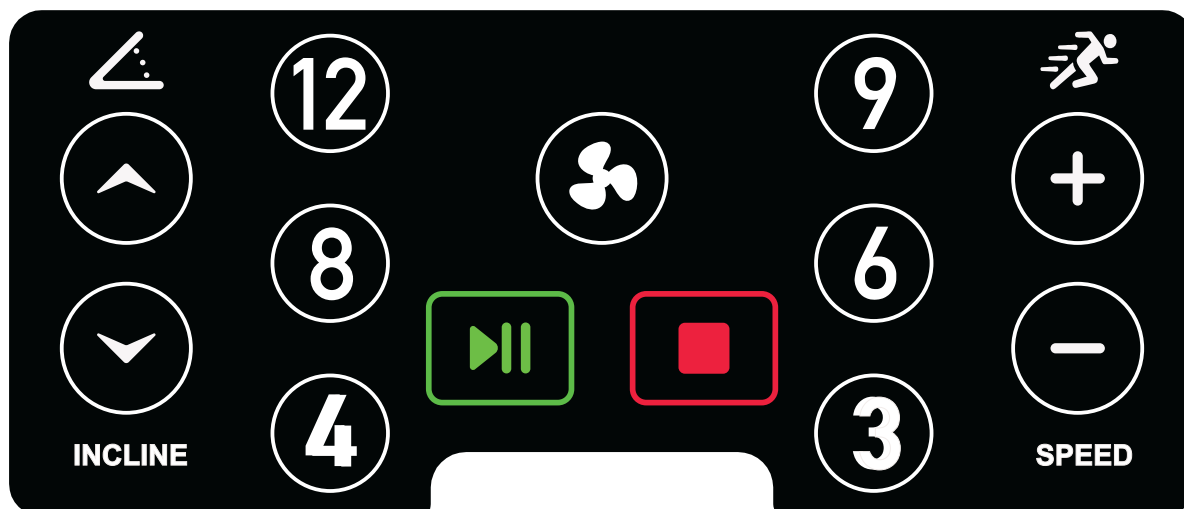
Instructions for Use of the Electronic Display



Introduction to Exercise Interface Functions

- 1、**Time:** Displays the current exercise time (M:S).
- 2、**Distance:** Displays the current exercise distance (km).
- 3、**Calories:** Displays the current calories burned by the user (KCAL).
- 4、**Heart Rate:** After the user holds the hand grip heart rate sensor chip with both hands, wait for about 3 seconds, and the user's current heart rate (BPM) will be displayed on the screen.
- 5、**Steps:** Displays the number of steps the user has taken during exercise.
- 6、**Incline:** Displays the current incline (%) gear.
- 7、**Speed:** Displays the current speed (km/h) gear.
- 8、**SSID Code:** The SSID code is located directly above the exercise interface. Users can project the screen on the exercise interface. For the screen projection method, refer to the screen projection instruction sticker below the electronic watch. Before screen projection, check the SSID code corresponding to the current device and select the same SSID code on the mobile phone for screen projection.

Instructions for Use of the Central Control



Introduction to Central Control Button Operation Panel

The buttons on the left side of the central control are used to adjust the incline gears of the treadmill. Each time the incline increase/decrease button  is pressed, 1 incline gear is increased or decreased. The buttons on the right side are used to adjust the speed gears of the treadmill. Each time the speed increase/decrease button  is pressed, the speed is increased or decreased by 0.1 km/h, and long-pressing increases the speed adjustment rate.

The left side provides three incline gears: 4, 8, and 12 (%), for users to conveniently select the target incline. The right side provides three speed gears: 3, 6, and 9 (km/h), for users to conveniently select the target speed.

 **Fan button:** Controls the on/off of the fan. The fan is only turned on in the exercise state. Press it for the first time to start Fan Gear 1, press it again to adjust to Fan Gear 2, and press it again to turn off the fan.

 **Start/Pause Button:** In the standby state, press this button to enter the quick start mode; during the exercise state, press this button again to enter the pause state.

 **Stop button:** In the exercise state, pressing this button can slowly stop the exercise.

Instructions for Use of the Shuttle Knob



Introduction to the Usage of Shuttle Knob

Clockwise rotation: Select the next target

Counterclockwise rotation: Select the previous target

Short press the knob: Confirm

Long press the knob: Return to the previous interface

Function Introduction:

1、Screen Projection Mode Function: In the screen projection state, rotating the knob can adjust the volume. A short press can hide the exercise data frame. When the data frame is hidden, the screen projection video content can be viewed better, and a short press again restores the display of exercise data.

2、Exercise State Display: The knob will display the corresponding content when the target is selected. After entering the exercise state, it will cyclically display the exercise time and distance data.

Note:

The knob cannot be used to control the adjustment of speed and incline, as well as the pause and stop of the treadmill during exercise. Do not press the knob frequently or with great force to prevent it from being damaged.

Error Code Explanation

Fault	Error Description
E91	Low voltage trip
E92	Temperature sensor abnormality
E94	Output overcurrent
E96	Transformer overvoltage
E98	Grounding abnormality
E99	Inverter overheating
E9A	Motor overload abnormality
E9B	Inverter overload abnormality
E9C	System overload abnormality
E9D	Motor disconnection detected
E9E	Inverter brake fault
EB1	Flash program fault
EB2	EEPROM fault
EB3	Low voltage display
EB5	Emergency shutdown display
EB6	Driver setting error
E9	High temperature display
E11	Android serial port cannot receive key
E12	Android serial port write error
E13	Android serial port cannot be opened
E79	Abnormal communication with inverter
E80	No Android communication received

Warranty and Maintenance Record Form

Maintenance Record

[illegible]