Commercial Treadmill Installation Instruction

Dear customer,

Thanks for choosing our treadmill. We wish this product could bring you pleasure and happiness during using.

Technical Parameters

Input voltage:：AC 220V ± 10%

Motor rated frequency：50HZ （4-100HZ）

Motor rated power: 3.0HP

Motor maximum power: 7.0HP

Operating ambient temperature: 0-40℃

Speed range: 1.0-20.0（km/h）

Time range: 0:00-99.59（min：sec）

Distance range: 0.00 一 99.99 (km)

Heat Display Range: 0-999(kcal)

Heart rate range:50-256 (times/minutes)

Gradient: 0-20 %

Overload protector standard: 13A

Power cable standard: 16A

Running belt parameters: 3310*600mm

Running range: 1500*600mm

Display: LED display, panel with digital USB interface, headphone jack.

Machine size： 2030*950*1570mm

Package size： Plywood box ：2100*1000*470mm   Carton：1150*1020*450mm

N.W：177.5KG

DISPLAY HARDWARE

1.MOTHERBOARD、DISPLAY

PANTONE 186c	
PANTONE 355c	
PANTONE C001 Gray 3C	
PANTONE Black C	
PANTONE White C	

Technique Requirement

1. Matte of product surface

2. Buttons are not bulging

2. Electronic Screen software

a. Display

1) Time: Time display window, there are time countdown and time count up in motion state.

2) Slope: Ascension display window, showing the current ascent value in motion.

3) Distance: In the distance display window, there are distance countdown and distance upcounter in motion state.

4) Calories: The calorie display window, there are calorie countdown and positive count in motion.

5) Speed: The speed display window shows the current speed value in the running state.

6) Heart rate: In the heartbeat window, when the athlete holds the heartbeat sensing handle with both hands, the system can automatically detect the heartbeat frequency and display it in this window. The "Hr" will be displayed if there is no heartbeat data.

7) Dot matrix area: "Welcome" is displayed in standby mode, speed dot matrix is displayed in fixed mode, and running circle is displayed in other sports modes.

b. Button function description

1) Start Button:

Press this button in standby mode and fixed mode to start the treadmill, the default speed is 1KM/H.

Press this button under the fixed program, the treadmill will start running according to the preset   value.

2) Stop Button:

Press this button to stop the treadmill during exercise.

3) Speed up and down Button:

The setting value can be adjusted in the setting state, and it will continuously increase or decrease after 0.5 seconds.

4) Slope addition and subtraction Button:

The slope angle can be adjusted in the state of movement, and it will continuously increase or decrease after 0.5 seconds.

5) "Fixed program switching" button:

 In the standby state, press the button to switch the fixed program P1-P8.

6) "Mode switch" button:

7) In standby mode, press the button to switch between three countdown modes. Time countdown, distance countdown, calorie countdown.

8) "QUICK SPEED": 3. 6. 9 The speed during movement can be adjusted quickly.

9) Volume up and down buttons: Press the button to adjust the volume.

10) Switch song button: Press the button to switch songs.

11) Song pause button: Press the button to control the playback and stop of the song.

12) Numeric keyboard shortcuts: You can quickly adjust the speed during exercise. ※Note: There is a Bi sound prompt sound when any valid button is pressed. When the button is adjusted beyond the limit, it will be accompanied by a long sound prompt.

c. Function Mode description

1) Common sports mode:

In the standby state, press the START button to start quickly, the dot matrix window displays "3 2 1 0", the treadmill time is counting (0:00~99:59, overflow is re-timed from 0:00), and the default speed is 1.0KM/H. Please press the button of speed increase & decrease to adjust speed, press the button of slope increase and decrease to adjust it, and press the stop button to stop treadmill.

2) Fixed mode (P1-P8):

In the standby state, press the PROGRAM button to enter the program selection state, a total of 8 states can be selected. The dot matrix LED switches to display the fixed mode and the speed of each segment. Continue to press PROG to select the current program , press START to start the program selected by the user and press STOP to exit the program mode.

3) Fixed program table: Profile values of each program are as follows

		Setting time/16 = running time of each segment															
时间		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
P1	SPEED	1	2	4	5	8	8	10	10	12	10	10	8	6	4	2	1
	INCLINE	1,	2,	3,	3,	4,	4,	2,	4,	4,	4,	2,	2,	3,	2,	2,	1,
P2	SPEED	1	4	8	6	4	2	4	6	8	6	4	2	4	7	4	2
	INCLINE	1,	2,	3,	4,	5,	3,	5,	4,	3,	2,	1,	3,	2,	2,	1,	0,
P3	SPEED	2	4	8	10	8	6	4	4	4	6	8	10	8	6	4	2
	INCLINE	1,	2,	3,	4,	5,	6,	7,	8,	6,	6,	5,	4,	3,	2,	1,	0,
P4	SPEED	2	4	8	8	6	4	4	4	6	8	8	6	4	3	1	1
	INCLINE	2,	6,	5,	4,	3,	2,	0,	1,	2,	2,	2,	2,	3,	3,	2,	1,
P5	SPEED	3	4	5	6	7	8	9	10	11	11	12	12	9	6	4	3
	INCLINE	1,	3,	5,	5,	5,	4,	4,	2,	4,	2,	4,	2,	3,	2,	4,	1,
P6	SPEED	1	4	4	6	6	6	6	6	4	4	4	4	4	3	3	3

	INCLINE	1,	1,	2,	2,	3,	3,	4,	4,	5,	5,	6,	6,	4,	2,	2,	1,
P7	SPEED	1	4	6	7	7	8	9	9	8	7	6	5	5	3	4	4
	INCLINE	1,	2,	2,	2,	3,	3,	3,	4,	4,	5,	5,	5,	5,	3,	1,	1,
P8	SPEED	1	2	2	3	4	4	5	5	6	6	7	7	8	8	9	3
	INCLINE	2,	2,	2,	2,	3,	3,	3,	3,	4,	4,	4,	4,	4,	3,	2,	1,

4) Countdown mode: In the standby state, press the MODE key to enter the time countdown, distance countdown, and calorie countdown. The speed, Incline keys set relevant values. After setting is ok, press the START key to start. The treadmill starts counting down according to the set value, and the treadmill automatically stops when it counts down to 0.

5) Sleep mode: In the standby mode, no button is pressed within 10 minutes, the treadmill will enter the sleep mode. The screen is closed. By pressing any button to wake up it and enter the standby mode after waking up.

6) Safe mode: In case of emergency, pull down the safety clip and the treadmill will stop. The dot matrix window displays "SAFE", and the other windows display "---". The closed safety clip system restarts.

d. Motion parameter display and setting range

	Display range	Program default	Mode default	Setting range
SPEED(KMH)	1.0~20.0	----	1.0	1.0~20.0
TIME(MIN)	0:00~99.59	30：00	---	5:00~99:00
DISTANCE(KM)	0~99.99	----	1.0	0.5-99.99
CALORIE（CAL）	0-999	----	50	10-999
CINCLINE （INCL）	0~20	----	----	0~20

e. Error message

Error Code	Error message
E1	Low voltage trip
E2	Abnormal temperature sensor
E4	Output over current
E5	Communication error
E6	Output over voltage
E7	Ascension error
E8	Abnormal landing
E9	Inverter overheating
E11	Inverter overloading
E12	Abnormal system overload
E13	Abnormal motor
E16	Abnormal motor overload
E33	Flash program failure
E34	EEPROM failure
E35	Low Voltage display
E37	Emergency stop instruction
E38	Driver wrong setting
E39	Low input voltage
E40	Force high voltage
E41	High temperature display

f. Description of special functions and engineering modes：

1) In the standby state, press and hold the speed+ speed- ascend+ ascend- four keys for 3 seconds, the machine enters the ascent verification mode. After the ascent verification is completed, the parameters are automatically saved.

2) Machine parameter engineering mode: unplug the safety switch, press and hold STOP and speed+ at the same time, plug in the safety switch, and wait until the window displays Eng. Press the Start key to switch the parameters in sequence: starting frequency, segment frequency, actual minimum sped, actual maximum speed, display minimum speed, display maximum speed, and number of lifting sections. The parameters can be modified by ascending plus and minus keys and speed plus and minus keys. After confirming the number of the last lifting section, press the start key, the machine enters the automatic verification lifting mode. After the verification is completed, the parameters are automatically saved and restarted to the standby interface.

3) Restore factory settings: Unplug the safety switch, press and hold the speed reduction key and the STOP key at the same time, then close the safety switch, the window displays "EE", that is , the factory restoration is successful!

4) Unplug the safety switch, press and hold the STOP and INCLINE-button at the same time, plug in the safety switch, the matrix displays the DISTANCE SETTING and digital tube displays the distance from the lock, you can adjust the range(10-6000km) by the speed and the Ascend button, Press Start to save ,press Stop to exit without saving.

5) In the standby interface, simultaneously press and hold the volume up and volume down buttons, the electronic watch will restart and reset the Bluetooth broadcast name

3.Safety Precautions：

Note：**Please Read this manual carefully before use and pay more attention to the following safety matters.**

1. The power supply should always have ground connection. Running the treadmill without ground connection is strictly forbid.

2. The treadmill should be put indoors. Avoid getting wet and water or other fluid on the machine. Nothing should be put on the top of or inserted in to it.

3. There will be static electricity when the running of the machines. Please put it far from flammable and combustible things.

4. Make sure the treadmill is well placed on the ground when using. There should be a safe space of 2000mm*1000mm behind the machine.

5. The ground wire should be well connected. Try to avoid other electric machines connected on the same wire.

6. Comfortable clothes and shoes are recommended during exercise. Don't run with bare feet.

7. Only one user are allowed to running on the treadmill at same time. The max bearing weight of this machine is 170kg.

8. Don't stand on the running belt before start the machine. Please stand on the sides and hold on the handrail before the machine start, and get on the running belt after it runs.

9. The heart rate detector is not medical device, many factors could cause inaccuracy. The results are only for reference.

10. This machine is suitable for professional gym. Community and working gym also can use it.

11. Instructions for exercise:

A. Running: Running could consume calorie, improving the function of heart and lungs, expedite the blood circulation. It improves the overall quality of the body to lose weight and shape the body line.

B. Please stand on the sides and hold on the handrail before the machine start, and get on the running belt after it runs. During the running, your hand should hold a half clench, move your arms naturally and look ahead. Keep your feet from the margin of the belt. For first time users, please hold the handrail to keep body balance.

C. Slowly adjust the speed and gradient. Keep the increase intervals small.

D. Wait after the complete stop of the running belt to get off the machine.

12. Take the power line in accessories. Align the plug of the power line and the socket in the front of the machine and insert it firmly.

13. No device on the machine should be loosely connected.

14. Please use this machine within the supervising area. Children under 12, seniors, disabled and heart attack patient should be kept away from the machine. Minors children should using this treadmill under guidance.

15. Please turn off the machine after use. (Red button in the front of the treadmill is the power button)

16. Incorrect or overburden training could cause the damage of the motor and inverter, the burn-in of the speed drive system, even personal injury.

17. Don't touch any component of the treadmill during running.

18. Long hair users should keep your hair safe during exercise.

19. Please stop exercise and consult with doctors if you feel uncomfortable during running.

20. There is an emergency stop button in the middle of the handrail. Press it when emergency happens and the machine will stop immediately.

21. Please have professionals to inspect the machine every time before running. If there are loose components, please fasten it in time.

22. Please put a clear sign next to the machine during maintenance.

23. When stop using this machine, please put the main outside power line in professionals' charge to keep it be used unapproved.

24. The machine power supply must be reliably grounded, and it strictly forbidden to use the treadmill without a ground wire.

25. The treadmill should be put indoors. Avoid getting wet and water or other fluid on the machine. Nothing should be put on the top of or inserted in to it.

26. There will be static electricity when the running of the machines. Please put it far from flammable and combustible things.

27. Make sure the treadmill is well placed on the ground when using. There should be a safe space of 2000mm*1000mm behind the machine.

28. The ground wire should be well connected. Try to avoid other electric machines connected on the same wire.

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34. Instructions for exercise:

A. Running: Running could consume calorie, improving the function of heart and lungs, expedite the blood circulation. It improves the overall quality of the body to lose weight and shape the body line.

B. Please stand on the sides and hold on the handrail before the machine start, and get on the running belt after it runs. During the running, your hand should hold a half clench, move your arms naturally and look ahead. Keep your feet from the margin of the belt. For first time users, please hold the handrail to keep body balance.

C. Slowly adjust the speed and gradient. Keep the increase intervals small.

D. Wait after the complete stop of the running belt to get off the machine.

35. Take the power line in accessories. Align the plug of the power line and the socket in the front of the machine and insert it firmly.

36. No device on the machine should be loosely connected.

37. Please use this machine within the supervising area. Children under 12, seniors, disabled and heart attack patient should be kept away from the machine. Minors children should using this treadmill under guidance.

38. Please turn off the machine after use. (Red button in the front of the treadmill is the power button)

39. Incorrect or overburden training could cause the damage of the motor and inverter, the burn-in of the speed drive system, even personal injury.

40. Don't touch any component of the treadmill during running.

41. Long hair users should pay attention to the safety of their hair when using the treadmill;
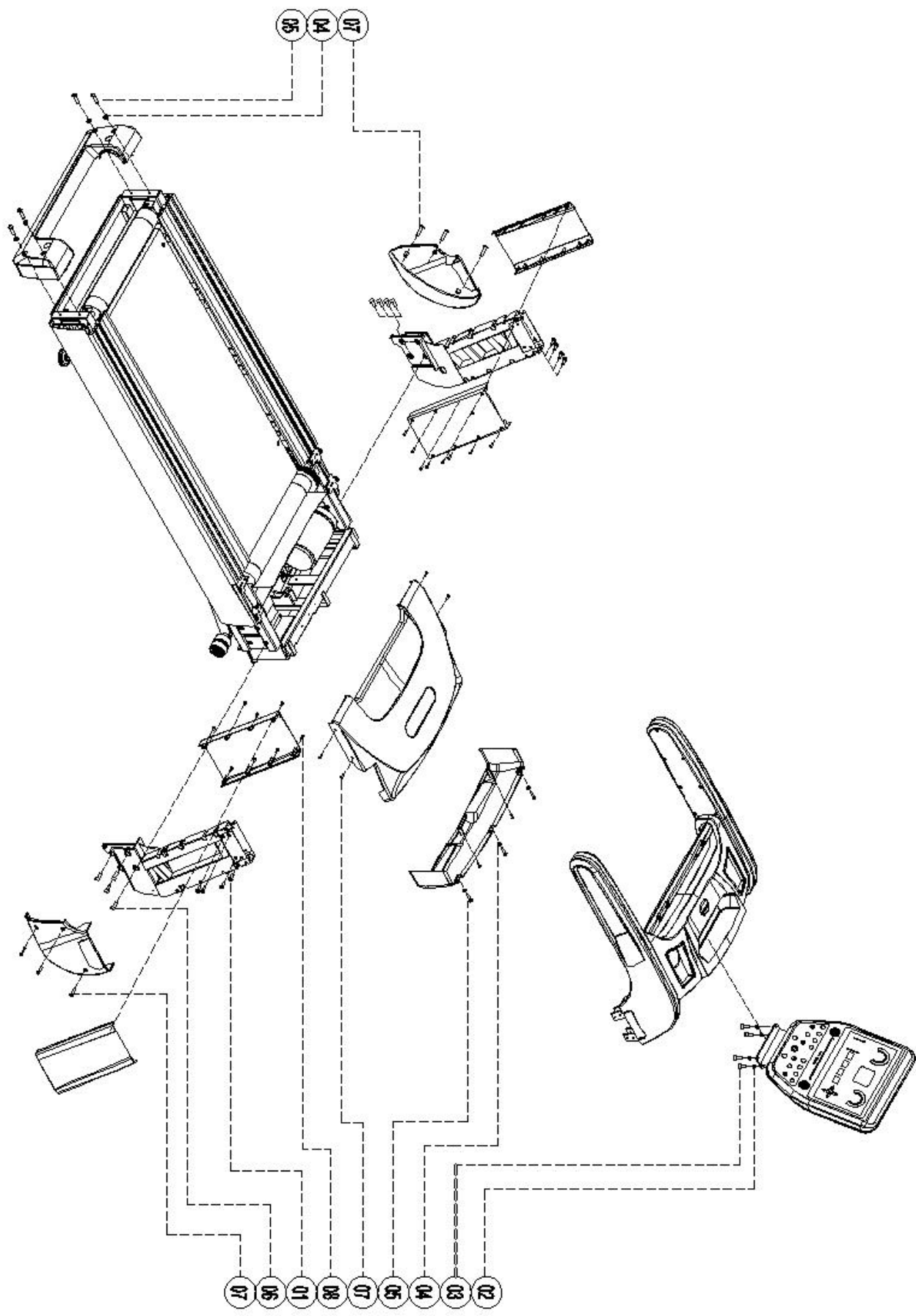
42. If you feel any discomfort or abnormal conditions during the use of this machine, please stop the exercise immediately and consult a doctor;
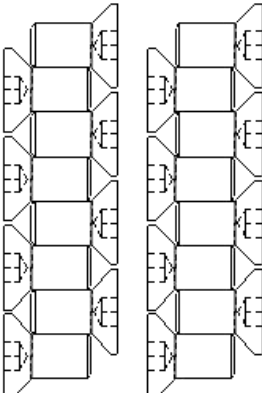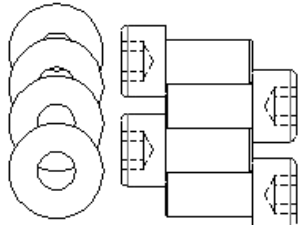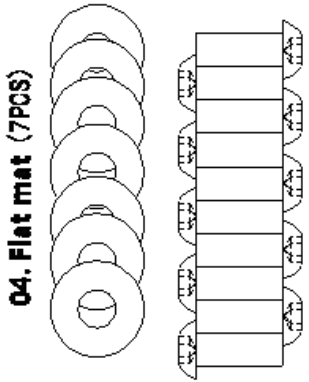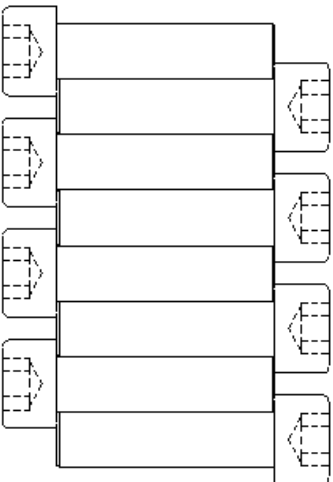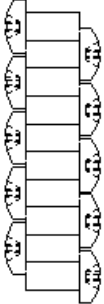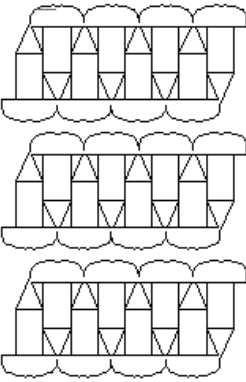
43. The machine is equipped with an emergency stop device at the center of the front armrest. In the event of an emergency, the "button" is quickly photographed and the machine will stop quickly;

44. Before each use, ask a professional to check whether the transmission components are tight. If they are loose, fasten or replace them in time;

45. During the maintenance and repair process of the treadmill, there should be a noticeable suspension sign near the machine;

46. When the machine is stopped, professionals must unplug the external main power cord and keep it properly to prevent the machine from being used without permission;

04. Flat mat (7PCS)

05. Allen cup head screws M6*16 (10PCS)

08. Cross round head self tapping M4*14 (24PCS)

02. Flat mat (4PCS)

03. Cheese head inner hex screw M8*16 (4PCS)

07. The cup head screws M5*10 (10pcs)

01. Countersunk head inner hex screw M8*10 (16PCS)

06. Cheese head inner hex screw. M12*35 (8PCS)

4. Daily Maintenance

This treadmill use the imported special running belt, which is made from the chinlon composite material by special manufacturing technique. It has the advantage of self-lubrication, small friction coefficient and minimal noise. The run board adopts the dual shock mitigation system, in which the top layer urea formaldehyde resin board is highly polished and wear-resisting. These make the running process more comfortable and fluent.

a. Adjustment for belt off tracking:

Before dispatched from factory and after installation there should be inspections of the running belt. The belt could be off tracking after sometime of using.

Many factors could cause this condition:

1) The main part of the machine haven't been well placed;

2) The feet of the users are not in the center of the belt.

b. Man made belt off tracking

could be auto-adjusted after two to three minutes no-load running. For the condition can't be adjusted automatically, using the special tool in the accessories (Wrench M10L) to adjust the regulating screw in the rear screw hole in 1/4 circle (90°) interval.

c. Details adjust method

When the running belt run off tracking to left, adjust the left screw in clockwise, or turn the right screw in anticlockwise. When it run to the right side, it should be otherwise. 90° interval is suggested for every adjustment.

Running belt off track is not within the warranty. Users should adjust and maintenance it by themselves. The off track could seriously damage the running belt, so please inspect and adjust in time.

Adjust the running belt: if the running belt slip or too tight when use .then need adjust the running belt first.

1) Tighten: using the special tool in the accessories (Wrench M10L) to adjust the regulating screw in the rear screw hole in 1/4 circle (90°) interval in clockwise.

2) Relax: ,using the special tool in the accessories (Wrench M10L) to adjust the regulating screw in the rear screw hole in 1/4 circle (90°) interval in anticlockwise.(The left and right should be consistent)

d. Sketch Map of adjust running belt