

REVOLVER

mini **MONSTER**

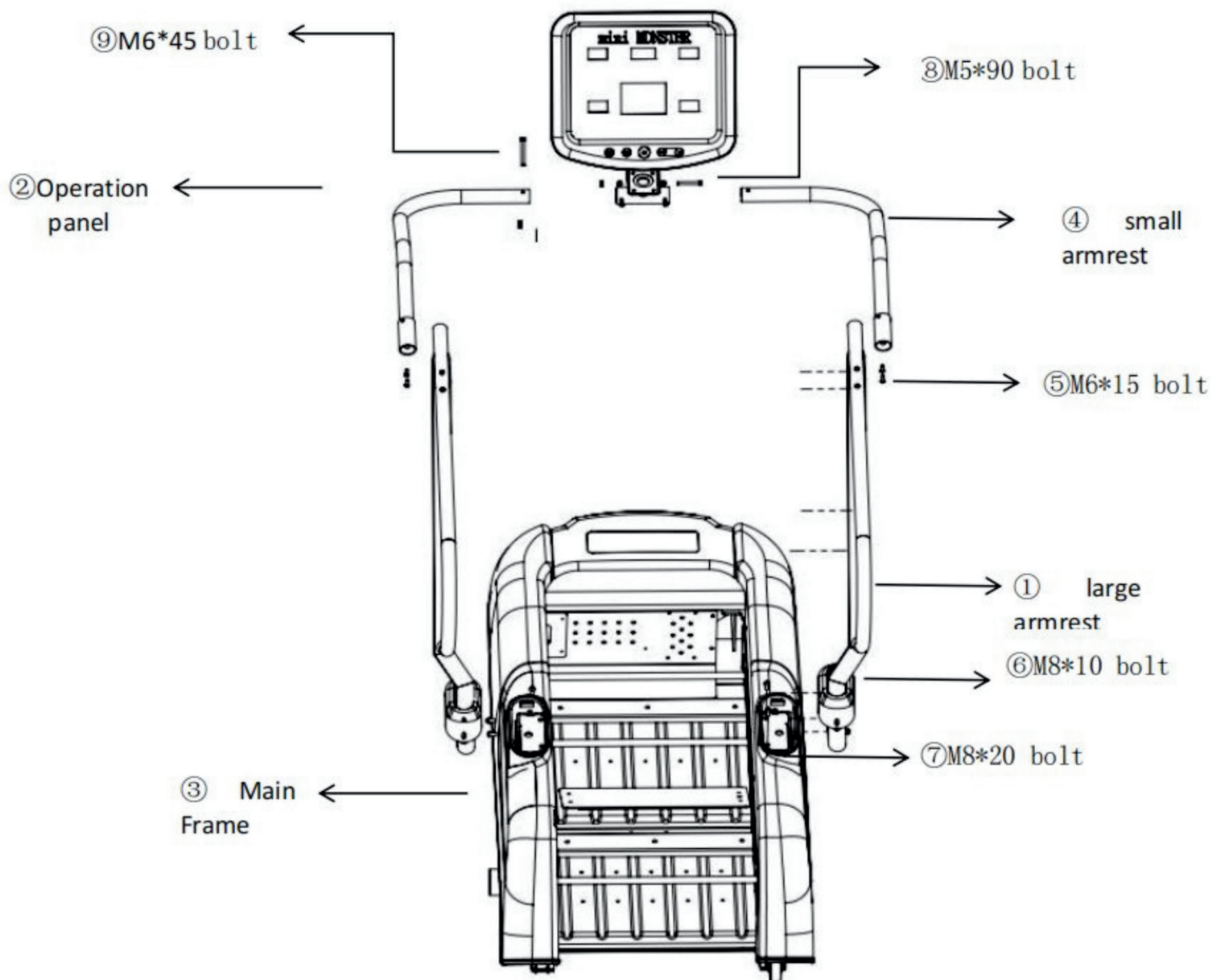


OWNER'S MANUAL

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Machine Assembly Drawing



Packing List

Project	Part Name	Quantity
1	Large Armrest	2
2	Operational Panel	1
3	Main Frame	1
4	Small Armrest	2
5	6MM L- Shaped Hexagonal Wrench	1
6	5MM L- Shaped Hexagonal Wrench	1
7	4MM L- Shaped Hexagonal Wrench	1
7	8-10 Open End Wrench	1
8	17-19 Open End Wrench	1
9	Philips Screwdriver	1
10	M8*15 Bolt Stainless Steel	4
11	M8*20 Hexagon Socket Bolts	4
12	M6*15 Hexagon Socket Bolts	4
13	M6*45 Hexagon Socket Bolts and Nuts (set)	2
14	M6*90 Hexagon Socket Bolts and Nuts (set)	2

Important Safety Recommendation

Safety Warning:

This manual contains important safety information - please read it carefully before use.

1. The MiniMonster by Revolver takes your fitness experience to the next level by delivering a quality-engineered stair mill designed to fit perfectly in most spaces.
2. Owners must comply with electrical requirements.
3. The MiniMonster by Revolver is only suitable for indoor use. If the unit is left outdoors, the warranty will be voided. Please place the unit in a dry area.
4. Do not pour water on the stair mill as it will damage the electrical components.
5. It is prohibited to attach or insert any foreign objects or objects into the stair mechanism.
6. Before using the stair mill, it must be properly leveled and placed in a safe and stable location.
7. Appropriate clothing and shoes should be worn when operating the machine.
8. During exercise, the machine should be stopped immediately in case of emergency.
9. This unit is for one user at a time. Two or more people are not allowed to be on the machine.
10. Maximum user weight is 330 Ibs (150 kg).
11. Overloading the unit may cause damage to the motor or controller, deteriorate the rotating system, and even cause personal injury.
12. Do not put your hands near steps when the device is in use or plugged in.
13. If you feel any discomfort or abnormality during use, please stop exercising immediately and consult your doctor for advice.
14. If there are any unusual sounds or performance issues, stop the machine and contact service @totalbodyexperts.com.
15. An infrared sensor is placed in the lower right corner to stop the mechanism if an object, pet, child, or obstruction blocks the sensor.
16. Before your first workout, test the rest time feature by pressing the play and pause buttons.
17. The MiniMonster cannot be used when the voltage is unstable below AC110-AC120.

Technical Specifications

Technical Specifications and Electrical requirements:

Input Voltage: AC110V-120V 20 amps - must be connected to a dedicated line.

Time display range: 0:00-99:59

High display range: 0.00-999 layers

Thermal display range: 0-999 (kcal)

Ranking display range: 3-15

Step display range: 0-999

Power cord specifications: 16A AC 250V

Running speed range: 24 steps per minute - 164 steps per minute

Assembly Instructions

The purpose of this section of the user manual is to ensure that the Revolver can be assembled correctly and easily.

Please follow the steps listed below to ensure easy assembly.

Due to the size and weight of the unit, we recommend selecting the final location before starting to assemble the unit.

Place all the corresponding parts of the machine in the designated area and proceed with the assembly.

Do not discard packaging materials until the job is complete and the equipment is fully functional.

Unless specified all bolts must be fully tightened after the assembly is completed.

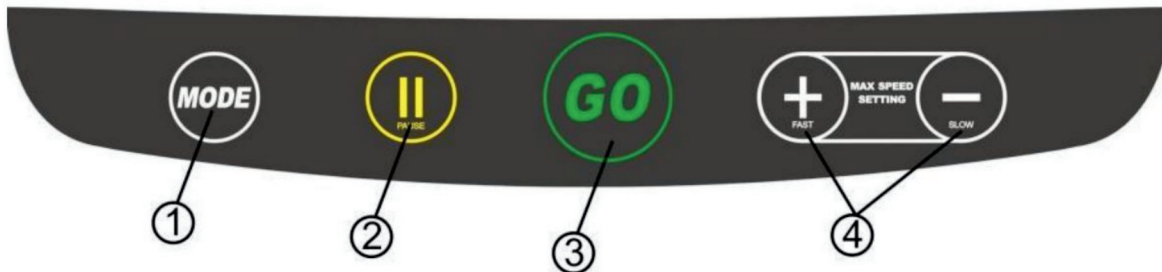
Please double-check to make sure all parts in the machine have been assembled accordingly.



Assembly Steps

- 1) Place the main chassis in its final position and remove the packaging bag.
- 2) Carefully remove the left and right large armrests, small armrests, and operation panels to avoid a collision or scratching the surface, and place them next to the main frame for installation.
- 3) Connect the signal wires in the left and right armrests to the signal wires of the main frame, then use 4 M8*15 and 4 M8*20 bolts to connect and fix the bottom ends of the left and right large handles with the main frame, and then put on the plastic for the shell, use an M5*10 cross screw to fix the plastic shell to the main frame.
- 4) Thread the signal wire into the tubes of the left and right small handles, then lead the signal wire out from the other end and insert the left and right small handles into the tubes of the left and right large handles.
- 5) Take out the console and the bracket mount from the box and remove the packaging material. At the top of the handrails, you will find the main data cable and heart rate cable. Run these two cables through the bracket mount. Assemble the bracket mount onto the arm rails at the top and use the two M5*90 bolts to secure it.
- 6) Remove the back cover from the console and you will see two cable ends proceed to connect the main data cable and the heart rate cable. The connection should be firm and stable. Use two M5*90 to connect the console to the bracket mount. Finalize by using four M6*15 bolts to connect the large and the small handles. Make sure the handle's connections are sturdy and fixed.
- 7) Once all components are installed proceed to check that all the hardware has been fully tightened. Now that the assembly is complete please connect the external power cord to the back of the unit and turn it on.

Console Button Operations and Functions



① **MODE**

- Press the **[MODE]** key in the main interface to select the sports mode;
- Press the **[MODE]** key in the exercise mode setting interface to select the exercise program in this mode.

② **PAUSE**

In the sports mode setting interface, press the **[PAUSE]** key to cancel the current settings and return to the main interface;

During exercise, press the **[PAUSE]** button to pause the exercise, and press it again to stop the current exercise program;

In the exercise report interface, press the **[PAUSE]** key to end this exercise;

Press and hold the **[PAUSE]** button to shut down;

In the off state, press the **[PAUSE]** key to turn it on.

③ **GO**

a) In the sports mode setting interface, press the **[GO]** key to confirm the current settings and return to the main interface;

b) In the main interface, press the **[GO]** key to start the mountain climbing machine;

c) Press the **[GO]** key when the exercise is paused to continue exercise.

④ **[+] [-]**

a) In the main interface, press the **[+]** key to enter the current sports mode setting interface;

b) After entering the sports mode setting interface, press the **[+]** and **[-]** keys to increase or decrease the target value;

c) During exercise, press the **[+]** and **[-]** keys to increase or decrease the set speed value.

Console Button Operations and Functions

1. Quick Start: Start exercising

2. Program key: select time, distance or calories

3. Key to select fixed programs P1, P2, P3

4. Use the + or - keys to adjust your target goals for each workout

5. Select your training profile from the program menu.

Error Prompt:

Most errors can be resolved by restarting the unit, please restart and try again. The machine will need to be shut down and restarted to eliminate the error code.

Error Code	Fault Definition	Fault Phenomenon	Handling Opinions
Er01	Communication failure between upper table and lower control.	Power on and press start. After 321, the time is counting for about 5 seconds. The person does not move on the stair machine, and there is no "clicking sound" of the brake opening.	<p>1. Check whether the communication line in the column has signs of extrusion or disconnection. If found, replace the communication line.</p> <p>2. If the upper control meter is faulty, replace the upper control circuit board (the probability of occurrence is low)</p> <p>3. The lower control is faulty. Check whether the lower control light is on. If not, replace the lower control (the probability of occurrence is low).</p>
Er02	MOS Tube short circuit or motor wire disconnected.	After powering on and starting, there is no response after 321, and the electronic form reports er02.	<p>1. Check whether the motor wires are properly connected, including between the motor and the motor wires and the lower control;</p> <p>2. The MOS tube of the controller is short-circuited (bit number: Q6), replace the controller (the probability of occurrence is low)</p> <p>3. The motor coil is blocked, you can use a multimeter to measure the resistance, the normal value is about 10 ohms, otherwise, replace the motor (the probability of occurrence is low)</p>

Console Button Operations and Functions

Error Code	Fault Definition	Fault Phenomenon	Handling Opinions
Er03	Startup failure	1. Turn on the computer. After 321, you can hear a clicking sound. If someone steps on it, but the stairs do not move, it means that the brake alarm is stuck.	Replace the brake device or readjust the brake device or the mechanical structure is stuck. Check the transmission mechanism one by one.
		2. After turning on the computer, there is no "click" sound after 321. The stairs won't move if people step on them.	1. Check whether the connecting wire of the brake alarm is in good contact (the two wires connected to the green seat) 2. The connecting wire is good, replace the lower control (the probability of occurrence is low) 3. The alarm brake is blocked internally. Replace the alarm brake.
		3. Turn on the machine. In about 3 seconds, the machine resets or reports er03, and the stairs can move.	1. The sensor that detects the speed is installed out of position or the screws are loose and needs to be repaired. If the fault still cannot be eliminated, it is recommended to replace it. 2. After replacing the speed detection sensor, the fault still cannot be eliminated. It is recommended to replace the lower controller (the probability of occurrence is low)
		4. After turning on the computer, the speed is suddenly fast and slow, or the speed is abnormally serious.	The position of the speed detection photo sensor is off, readjust it.
Er04	Down-control hardware overcurrent.	After booting, it reports er04	Check whether the motor is short-circuited and measure the resistance. The normal value is about 10 ohms. If there is no problem with the motor, replace the controller.
Er05	Software overcurrent	After booting, it reports er05	Check whether the motor is short-circuited and measure the resistance. The normal value is about 10 ohms. If there is no problem with the motor, replace the controller.
Er06	The power supply 36v (24v) voltage is abnormal.	After booting, it reports er06	1. When starting up, measure the output value of the regulated power supply: whether it is the calibrated rated value. If it is too low or too high, replace the regulated power supply. 2. The regulated power supply is normal, replace the controller.
Er08	MOS tube short circuit failure	After powering on, there is no movement on the stairs and er08 is reported.	The MOS tube (bit number:Q6) is disconnected and the controller is replaced

Routine Maintenance

1. Wipe clean daily.

We recommended using a soft brush with "[Invisible](#)" by [Chemical Guys](#) once a week to keep the equipment dust and debris-free.

2. Wipe the equipment before and after each use.

To remove dust from the equipment use a damp microfiber cloth.

Note: Do not use cleaners that may contain bleach or alcohol as these abrasive cleaners damage the protective layer of the equipment. Do not spray water or liquid on any parts of the equipment. When cleaning with "Invisible" disconnect the unit from power and use a microfiber cloth to dry. Allow the equipment to dry completely before plugging in and resuming use. Vacuum often to remove dust particles from underneath the unit. Use a soft nylon brush to clean the grooves and pedals.

3. Conduct a daily inspection to ensure the machine is in working order.

Look for things like: odd noises, signs of wear and tear, motor issues, etc

4. Perform the following maintenance on a weekly basis:

- A. Use [Invisible by Chemical Guys](#) to clean the external surface.
- B. Use a vacuum cleaner or wet mop to clean the floor under the equipment.
- C. Test all functions of the console to ensure it is working properly.
- D. Check the levelers. All supporting feet should firmly touch the floor and the equipment should not shake or rattle when in use.

5. If you plan to move the equipment to a new location, make sure to use the help of 1 or 2 people. It is recommended to use a rolling cart to move the unit.

6. If you will not be using the equipment for a long time make sure to disconnect it from power, cover and keep it in a dry area. Perform monthly check ups on the mechanical components. Service may be required after a long period of inactivity.