

User manual

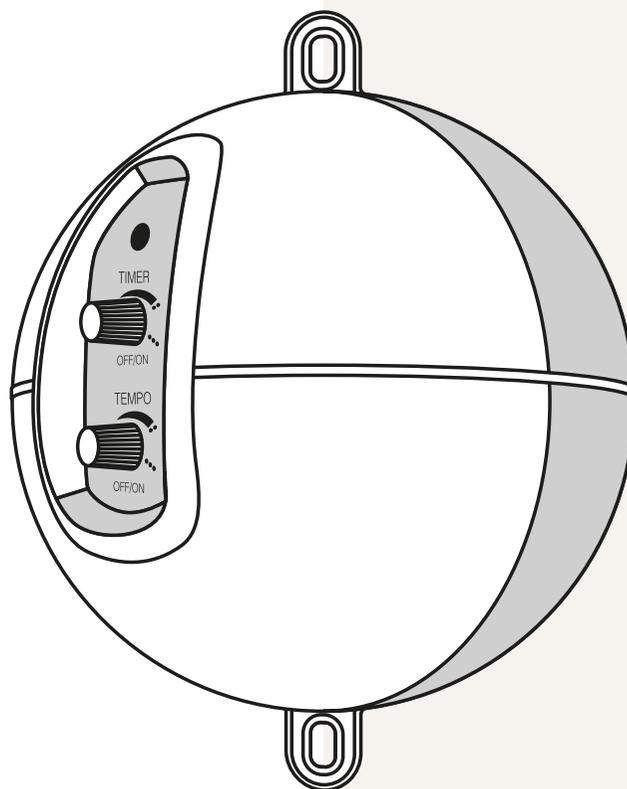
Hammock motor

Important: Read the user manual carefully
and keep it for future use.



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Instructions Video

Moonboon has developed a series of videos to show you easily and quickly how to assemble and mount your Moonboon product.

The instructional videos are a supplement to the user manual. It is critical that you read this user manual.

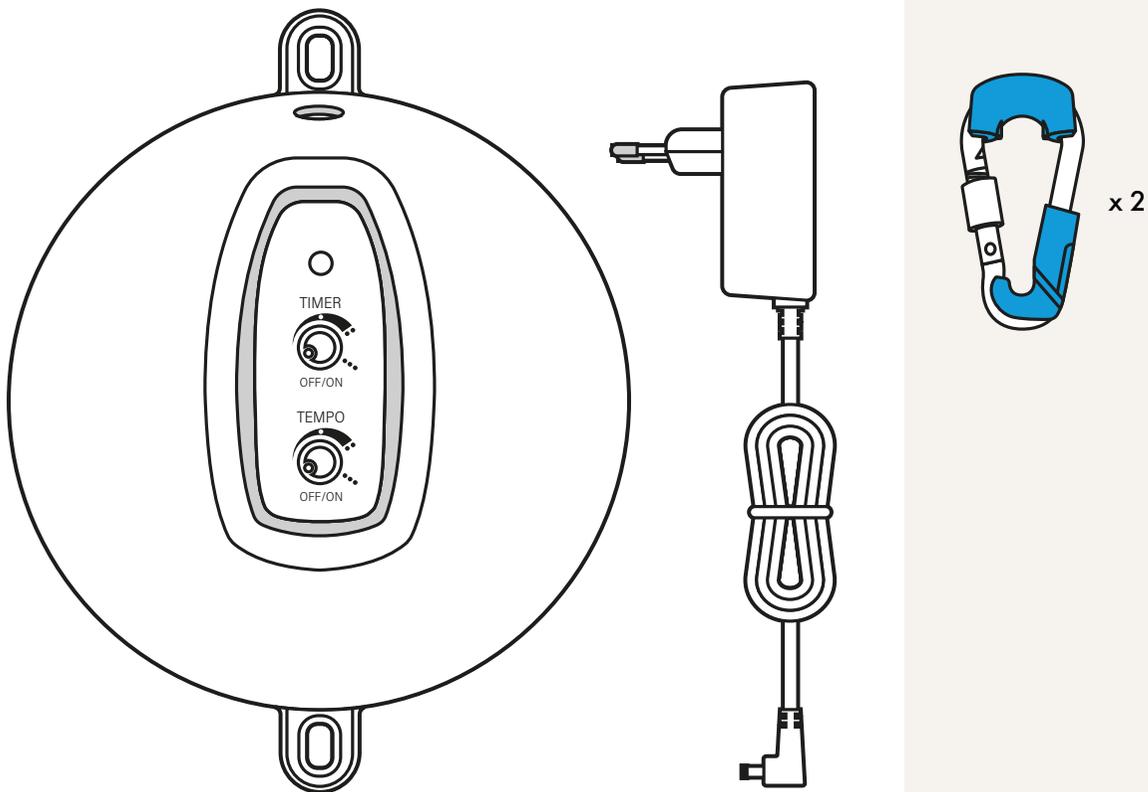


Scan the QR code below with your smartphone or use this link to see the videos:

moonboon.com/pages/videos

What is Included

- 1 hammock motor
- 1 24V power supply and 10 feet / 3 meters of cord
- 2 snap hooks with plastic parts



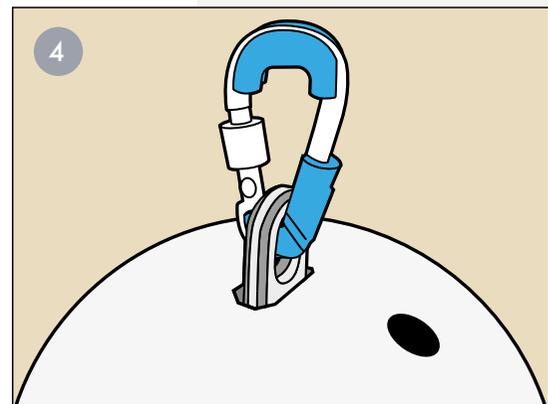
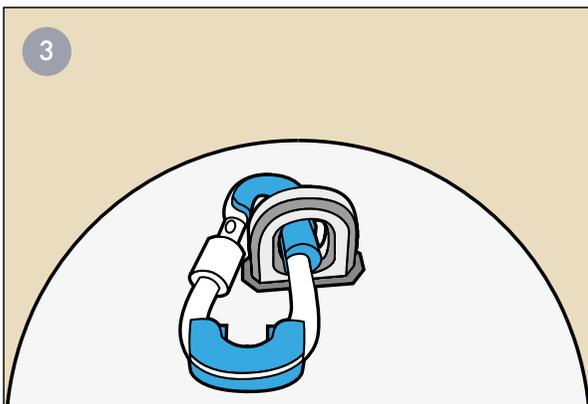
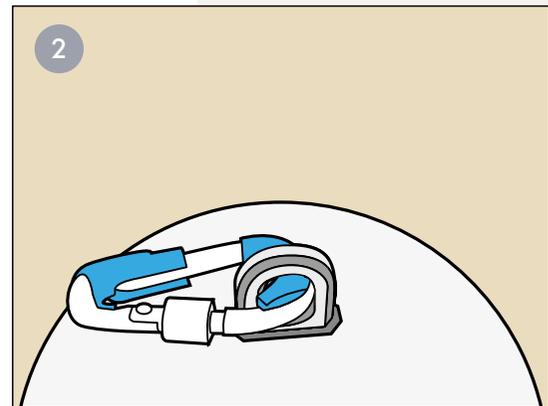
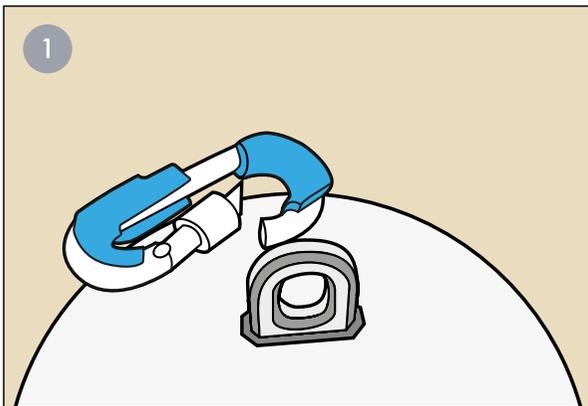
Assembly

Your snap hooks already comes with plastic parts mounted on them. The plastic parts prevents metal against metal in your set-up. Before hanging the motor, you need to attach the snap hooks to the motor.

The snap hooks must be put on from the side, laying flat against the motor - otherwise, they can not be rotated properly into place.

The narrow end of the snap hooks should point towards the motor, see picture 4.

It is important that you lock your snap hooks once they are fitted correctly. This is done by gently securing the safety lock.



Mounting

1 First deal with your hanging equipment – ceiling hook, door frame clamp, or tripod stand.

If you hang your hammock from a ceiling hook and the motor from a strap/chain, you must carefully read the section on **WEIGHT**.

2 Put the motor's parts together in accordance with the instructions on page 5.

3 Now use the upper snap hook for hanging the motor. Feed the power cable into the small hole at the top of the motor. The power cord is 10 feet / 3 meters long, so you need to place the hammock near a power outlet.

Make sure the power cord does not trail down the motor or the hammock but rather is kept away from them.

4 Now hang the spring and then the hammock in the snap hook under the motor. Check that the snap hooks are working and close properly.

5 Once the hammock is hung, the nylon string coming out of the bottom of the motor is to be wound around the fabric at the top of the hammock. Do this by pulling the string down, winding it around the fabric, and fastening the S-hook around the string so that it is fixed in place.

It is important that the string is securely fastened before you let go of it. See the illustration on the right.

6 Once the hammock motor and the nylon string are in place, you may turn the power on. Read the sections on **HEIGHT** and **WEIGHT** before using the motor.

Please note

If the motor is suspended from the ceiling, it is important to use a stainless steel hook without coating. Similar precautions must be applied if you use a metal chain.



Please note

The nylon string is to be fastened as close to the center of the hammock as possible while still leaving distance between the motor wire and the hammock spring. Make sure to prevent the wire from touching and wearing out the fabric covering the spring.

Height

It is essential that the hammock with motor does not touch the floor during operation. Before using the hammock, perform two tests to ensure that the hammock does not touch the floor.

First test: Empty hammock

Mount the hammock as instructed and manually stretch the spring as much as you can. Pull on the spring until you feel the safety strap (the nylon strap inside the spring) preventing any further expansion. When the spring is fully extended, space must remain between the bottom of the hammock and the floor.

Second test: Child in the hammock

Now place the child in the hammock and repeat the test described above: Stretch out the spring until you feel the safety strap keeping it from stretching further.

Here, too, space must remain between the bottom of the hammock and the floor.

Please note

Use of the Moonboon motor, hammock, and door frame clamp requires a minimum of 86 inches / 220 cm between the door frame and the floor to accommodate the hammock and the motor.

Please note

Follow these instructions and perform the tests regularly as your child grows and becomes heavier. That is how you ensure that the hammock never touches the floor.

Weight

The motor works by keeping the hammock spring in constant motion. Therefore, the weight of your child is a key factor in the functioning of the motor.

The Moonboon hammock and motor may be used for babies weighing between 9 lbs / 4 kg and 33 lbs / 15 kg. If you are using a hammock from a different supplier, you may not be able to use the motor until baby weighs 13 lbs / 6 kg. This is due to the differences among hammocks in terms of the stiffness of the spring.

if you hang the motor in a strap or chain from a ceiling hook, your baby's weight will determine how long the strap/chain can be. If the following recommendations are not followed, there is a risk that the motor will not function properly and then will turn itself off.

Baby weighing less than 17.6 lbs / 8 kg

If the child weighs less than 17.6 lbs / 8 kg, the strap/chain between the motor and the ceiling must not be longer than 6 inches / 15 cm.

Baby weighing more than 17.6 lbs / 8 kg

If baby weighs more than 17.6 lbs / 8 kg, there must be no more than 20 inches / 50 cm of strap/chain between the motor and the ceiling.

Please note

Insufficient weight in the hammock will cause the motor to malfunction or turn off.



Using the Motor

Once you have mounted the hammock motor and connected the power, you may begin using it.

You may turn off the motor at any time by turning the buttons back to their leftmost position.

Timer

The upper button 'TIMER' is used to set the duration of the operation of the motor.

The 3 dots each represent 1 hour. The motor may be set to operate between 5 minutes and 3 hours.

Tempo

The lower button 'TEMPO' is used to set the speed of operation.

Turn the arrow to the left for the lowest speed and to the right for the highest speed.

Starting the motor

- First turn the 'TIMER' button and set the desired time.
- Then turn the 'TEMPO' button and set the desired speed.

If the light is green and both buttons have been set, just put your hand on the cross pin and activate the hammock by pressing down once or twice.

The motor will kick in and begin operating the hammock. The tempo setting may be adjusted at any time to the preference of your baby.

Once the set time has been reached, the motor will slowly decrease its speed and stop.

Please note that the motor will not work without weight in the hammock.



Please note

Review the safety checklist and ensure that all instructions have been followed before starting the motor for the first time.

Please

The hammock motor may be stopped at any time by touching the hammock or the spring. Doing so will make the motor light come on red, and the motor must be restarted before it can resume operating.

Malfunction Indication

No light

Check that the power cord is firmly inserted into the top of the motor and that the power is on. Turn off the power and wait 30 seconds before turning it on again.

If the light still does not come on, the hammock motor may need servicing. Please contact our customer service team.

The light alternates between red and green

This is an indication that the wrong kind of power is being supplied. See the details in the safety checklist.

The light is red

There has been a malfunction in the motor. The hammock motor may be restarted by turning off both buttons and turning them on again.

If the light is red repeatedly, some reasons could include:

- that there is insufficient weight in the hammock. Read the section on **WEIGHT**.
- that the strap/chain above the motor is too long (ceiling mounted motor). Read the section on **WEIGHT**.
- that the motor starts at too low a speed. You could start the motor at a higher speed and then reduce the speed as desired.
- that the motor wire is not fastened correctly to the hammock.
- that baby is fussy and moves around too much in the hammock. The motor will register such movement as an irregular tug at the wire, which is a safety risk, and it will turn off.

Safety Checklist

Carefully read the safety checklist below. When you have checked the list and verified that everything is as described, you may begin using the hammock motor. Enjoy!

- Mount the hammock motor only in original hanging devices. Check that the snap hooks are properly locked every time you use the motor.
- Always use the plastic parts supplied with the hammock motor.
- The Moonboon hammock motor is designed to work with the Moonboon hammock and the associated parts. If you are using a door frame clamp or a tripod stand from a different provider, there is no guarantee that the motor can be mounted securely or will function properly.
- If your hammock motor is suspended in a strap/chain, the length of the strap/chain must not exceed 6 inches / 15 cm above the motor if the baby using the hammock weighs less than 17.6 lbs / 8 kg. If the baby weighs more than 17.6 lbs / 8 kg, you may use a strap/chain above the motor that is 20 inches / 50 cm long.
- If you are using the Moonboon spring, the child using the hammock must weigh at least 9 lbs / 4 kg and at most 33 lbs / 15 kg. If you are using a spring from a different provider, baby may need to weigh at least 13 lbs / 6 kg.
- Be sure that the hammock never touches the floor when in operation. Read the section on **HEIGHT**.
- We recommend that you always stay in the vicinity of the hammock with motor when baby is in it. This applies during the day and during the night. Be sure that the hammock never touches the floor when in operation. Refer to the section on **HEIGHT**.
- You may stop the motor at any time by grasping the hammock. The motor will then stop. The motor light will come on red, and you must restart the motor.
- When your child is old enough to be able to sit up or crawl out of the hammock, you must no longer let the child be in the hammock without supervision.
- The hammock motor is never to be used as a toy. Never push the hammock or the motor while a child is in the hammock.
- If there is obvious damage or wear to the hammock or the motor, please do not use the hammock motor until remedial action has been taken.
- The hammock motor may only be used indoors at temperatures between 32 and 113 degrees F / 0 and 45 degrees C and at a humidity of 0-80%.
- The hammock motor is not approved for use in wet or humid areas, in bathrooms, or near water.
- The hammock motor is not approved for use in countries without an AC power network operating at 100-240 Vrms AC.
- The hammock motor is not approved for use if it is connected to a direct current power source without safety standard certification.
- In the event the motor is connected to an incompatible direct current power source, it will not start, and the light will blink green and red.

Please note

Make sure to check regularly that the motor and the mounting meet all safety requirements.

Questions and Answers

Can the motor be used with any brand of hammock?

The hammock motor from Moonboon is compatible with most hammocks on the market, but it is developed especially to be used with the Moonboon hammock and spring.

Note that baby may need to weigh more than 9 lbs / 4 kg for the motor to work properly if you are using a hammock of a different brand. Refer to the section on WEIGHT.

What kind of hook is to be used to hang the motor from the ceiling?

Each type of ceiling will require a specific kind of hook. We recommend you check with your local building center or home improvement store and ask for guidance in terms of hanging the hammock securely. Make sure the hook is made of stainless steel. If your ceiling is plaster, it is generally recommended that you hang any weight from a structural beam or rafter foot.

Why can't the motor move faster?

Several experts have participated in the design of the Moonboon products – engineers as well as professionals from the health authorities. Our primary concern has always been safety, and the maximum speed of the motor was set according to the recommendations of the experts.

Is the motor able to operate for longer than 3 hours?

We designed the motor timer to run from 5 minutes to 3 hours. This provides time for the motor to run until baby settles down; it will then gradually slow down until it is paused.

Should you wish to use the motor for longer than 3 hours, we recommend that you ensure baby is comfortable and snug before you start it. It is not possible to set the motor to run for longer than 3 continuous hours.

Why are plastic parts included with my baby hammock?

In August 2021, the Danish Safety Authority reported that there have been cases of children getting metal splinters in their eyes due to unsuitable metal hooks used to hang sensory swings, bird's nest swings, and baby hammocks.

Moonboon does not sell metal hooks but, in the light of this new announcement, Moonboon has developed plastic parts for all Moonboon hammocks to completely avoid metal on metal.

Please note

It is important to use a stainless steel hook without coating. Similar precautions must be applied if you use a metal chain.

More questions?

Moonboon has provided answers to these and many other questions online. Click on the link below or scan the QR code to see the list.



moonboon.com/pages/FAQ

Cleaning

Clean the motor shell with a damp cloth without soap or detergent. Do not use soap or other chemicals on the motor shell, and keep the motor away from water and dirt.

Disposal

When you see the crossed-out wheel bin symbol attached to a product, it means the product is covered by the European Directive 2002/96/EC:



Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health.