

USER MANUAL

# MOTOR ORIGINAL

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



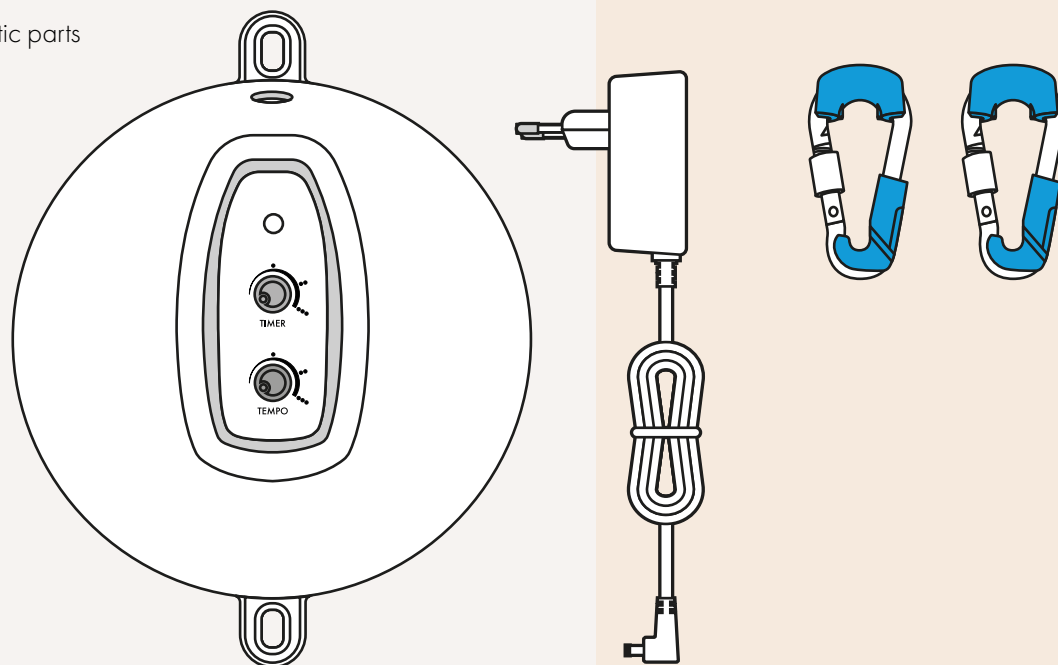
moonboon  
designed for better sleep

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## WHAT'S INCLUDED

- 1 x Motor Original
- 1 x 24V Power supply and 10 feet / 3 meters of cord
- 2 x Carabiners with plastic parts



# IMPORTANT INFORMATION

## **WARNING**

Do not use this product without first reading the user manual.

## **WARNING**

Stop using the product as soon as the child can sit by themselves, lie or sit on their knees or can climb out of the cradle/baby Hammock.

## **WARNING**

The use of additional items not intended for the product may pose a suffocation hazard.

## **WARNING**

Do not use the product close to other products that can hinder the operation of or obstruct the product during use.

## **WARNING**

Do not use the product near other products that can cause choking or strangulation hazards, e.g. cords, wires, curtain cords, etc.

# 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 with your smartphone or use this link to see the videos:



[moonboon.com/pages/videos](https://moonboon.com/pages/videos)

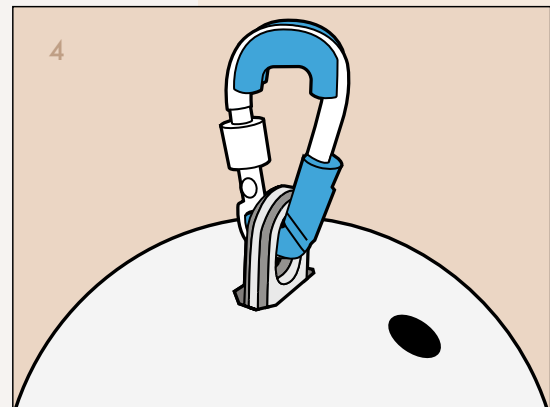
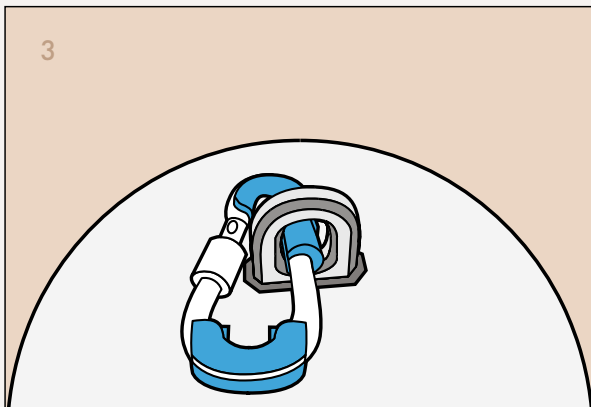
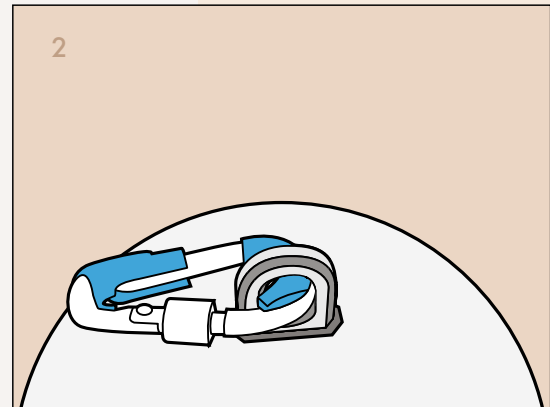
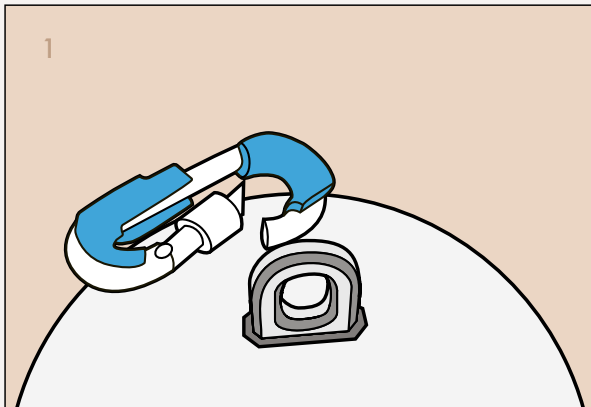


# ASSEMBLY

Plastic parts are already fitted to your carabiners. Before you hang the Motor Original, the carabiners must be fitted.

The carabiners must be attached from the side, otherwise they cannot be turned properly into place. Both carabiners must be installed with the narrow end pointing towards the motor. See illustration 4.

It is important that you lock your carabiners during installation. This is done by tightening the safety lock. Avoid overtightening the safety lock.



# MOUNTING

- 1 Start by assembling and installing your Moonboon mounting system.

If you hang your Motor Original from a ceiling hook, it is important you read the section on **WEIGHT** first.

- 2 Attach the two carabiners to your Motor Original in accordance with the **ASSEMBLY** instructions on page 4.

Hang the Motor Original with the top carabiner and plug in the power supply to the small hole at the top of the cradle bouncer. The cradle bouncer requires a constant power supply to operate.

- 3 Make sure that the cable does not trail down next to the cradle bouncer, but is routed away from the setup. Otherwise, the cable can create unwanted oscillations in the cradle bouncer.

Your Moonboon product comes with an included spring. Attach the spring to the carabiner at the bottom of the motor, and then mount the baby hammock or cradle onto the spring. Be sure to securely lock the safety carabiners once your product is properly mounted.

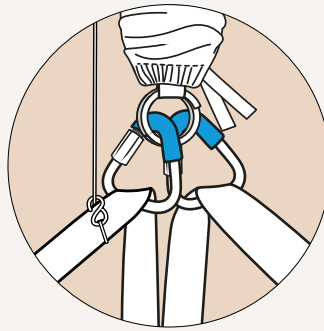
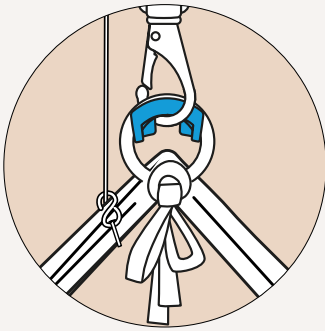
- 4 Next, the motorwire with the small s-hook must be mounted onto the baby hammock or cradle. The motorwire is the connection that ensures continuous movement between the Motor Original and your chosen product.

The motorwire is located at the bottom of the Motor Original and must be pulled out manually. The last part of the wire consists of a short nylon cord with a s-hook. Mount the motorwire by leading the nylon cord and s-hook down and around the top of the baby hammock or cradle. It is important that the nylon cord is firmly attached before you release it.

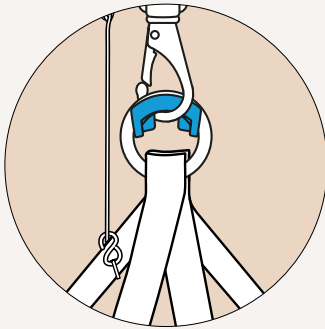
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## Please note

If the Motor Original is suspended from the ceiling, it is important to use a stainless steel hook without coating.



For the baby hammock and the twin baby hammock, the nylon cord is fitted around the folded fabric, approximately 7 cm (3 inches) from the metal ring. Fasten the s-hook around the nylon cord to tighten it.



For the cradle, the nylon cord is fitted around the adjustable cradle straps, approximately 7 cm (3 inches) from the metal ring. Fasten the s-hook around the nylon cord to tighten it.

- 5 Make sure that the motorwire is not in contact with the spring cover during movement, as this can create unwanted oscillations and wear on both the wire and the spring cover.

When the Motor Original and the motorwire are installed correctly, you can switch on the power.

Read the sections on **HEIGHT** and **WEIGHT** before using the Motor Original.

### Please note

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

# HEIGHT

It is essential that baby hammock or cradle does not touch the floor during operation. Before using your product, perform these two tests to ensure that it does not touch the floor.

## **FIRST TEST: EMPTY BABY HAMMOCK / CRADLE**

Mount the baby hammock or cradle 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 baby hammock or cradle and the floor.

## **SECOND TEST: CHILD IN THE BABY HAMMOCK / CRADLE**

Now place the child in the baby hammock or cradle 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 baby hammock or cradle and the floor.

### **Please note**

When using the Motor Original with a baby hammock and a door frame clamp from Moonboon, ensure that there is a minimum of 220 cm (7 feet and 3 inches) of space between the door frame and the floor.

### **Please note**

Perform the tests regularly as your child grows and becomes heavier. This way you ensures that the baby hammock or cradle never touches the floor.

# WEIGHT

The cradle bouncer works by keeping the spring system in constant motion. Your child's weight and the spring used are the two main factors of the Motor Original's performance.

## **BABY HAMMOCK OR CRADLE**

The spring supplied with your baby hammock or cradle can be used when the baby weighs between 3 kg and 12 kg. Depending on the baby's weight, there will be a difference in how long a strap you can use over the Motor Original if you have your cradle bouncer hanging from a hook in the ceiling. Always follow the accompanying recommendations and safety requirements to ensure that the baby hammock or cradle is securely fastened and that the Motor Original rocks as intended.



**If the child weighs less than 8 kg**, there must be a maximum of 15 cm of strap from the motor up to the ceiling mount.



**If the child weighs more than 8 kg**, there must be a maximum of 50 cm of strap from the motor up to the ceiling mount.

## **TWIN BABY HAMMOCK**

The supplied spring can be used when the combined weight of the children is between 4 kg and 12 kg. Depending on the baby's weight, there will be a difference in how long a strap you can use over the Motor Original if you have your cradle bouncer hanging from a ceiling mount. Always follow the accompanying recommendations and safety requirements to ensure that the twin baby hammock is securely fastened and that the Motor Original rocks as intended.



**If the combined weight of the children is less than 8 kg**, there must be a maximum of 15 cm of strap from the motor to the ceiling mount.



**If the combined weight of the children is more than 8 kg**, there must be a maximum of 50 cm of strap from the motor up to the ceiling mount.

## **Please note**

Insufficient weight in the baby hammock or cradle will cause the Motor Original to malfunction and turn off.

## **Please note**

For safety considerations, we advise against using a baby hammock, cradle, or any other product from a different brand than Moonboon with the Motor Original. If you choose to do so, it's crucial to be familiar with the safety guidelines of both the product and its accompanying spring.

When used with products from another brand than Moonboon, the Motor Connect may require a higher total weight due to variations in spring quality and dimensions.

## **Please note**

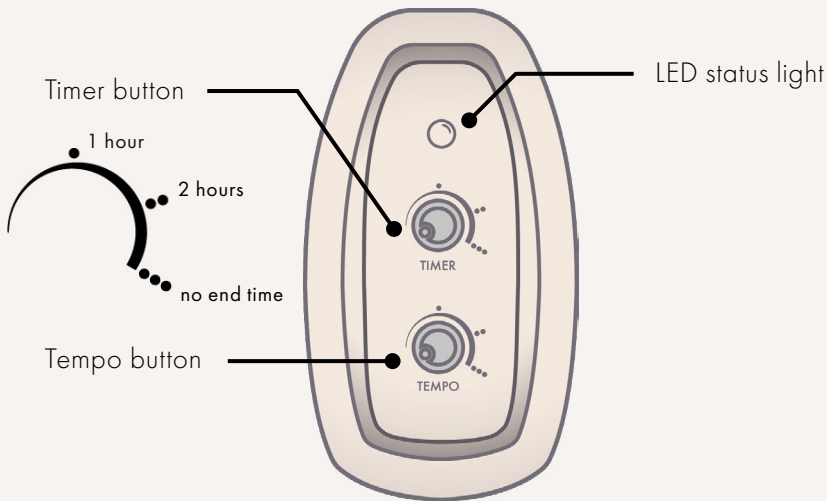
The rocking from the motor and spring will be perceived differently depending on your child's weight. With a lower weight load, the rocking will feel faster than with a larger weight load.

As your child grows, you might notice the rocking speed decrease. If you prefer a shorter and quicker rocking motion, you can purchase a Spring+, which will restore the movements to what you are accustomed to.



# USING THE MOTOR

Once you have installed the Motor Original and connected the power supply, you can begin operation. Go through the **SAFETY CHECKLIST** and ensure that all points are met before switching on the motor for the first time.



## TIMER

The small dots indicate how long the cradle bouncer will operate. The timer can be set for a duration of up to 2 hours or set to run indefinitely. To set the timer for 1.5 hours, position the timer knob precisely between the 1 hour and 2 hour marks. See the illustration for guidance.

Motor Original is equipped with a safety function that will automatically stop the motor after running for 12 consecutive hours.

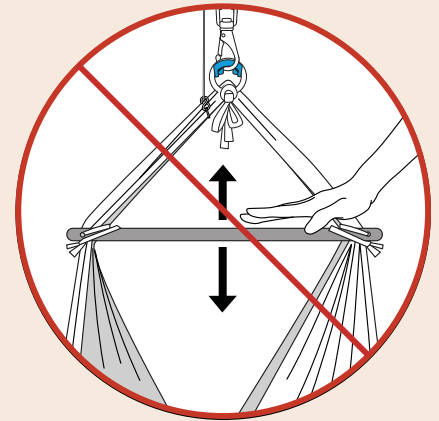
## TEMPO

The rocking speed is lowest when the pointer is turned to the left and highest when it is pointing to the right.

When both knobs are set to your desired settings and the LED lights up green, put one hand on the crossbar and start the baby hammock by gently pressing down once or twice. The cradle is started by carefully pulling down on the spring once or twice.

## **Please note**

Do not manually bounce the baby hammock or cradle while the Motor Original's motor wire is attached. It can damage the cradle bouncer.



## **Please note**

You can switch off the cradle bouncer at any time by turning the knobs all the way to the left.

## **Please note**

Please note that the cradle bouncer will not work with too little weight in the baby hammock or cradle. When used with the baby hammock or the cradle, the child must weigh at least 3 kg. When used with the twin baby hammock, the children must have a combined total weight of at least 4 kg.

# TROUBLESHOOTING

## **THE LED DOES NOT LIGHT UP**

Check that the power supply is firmly attached to the top of the cradle bouncer and that the power is switched on. Turn off the power and wait 30 seconds before turning it back on.

If the LED light still does not light up, the cradle bouncer may need servicing. Please contact customer service.

## **THE LED FLASHES RED AND GREEN**

The Motor Original indicates that you are not using a correct power supply. Read more in the **SAFETY CHECKLIST**.

## **THE LED LIGHTS UP RED**

The cradle bouncer has gone into fail-safe mode and has stopped by itself as it has detected an error. Reset the cradle bouncer by turning both knobs to the off position and then restart the operation.

If you repeatedly experience that the LED lights up red, this may indicate:

- There is not enough weight in the baby hammock or cradle. Read the section on **WEIGHT**.
- If your Motor Original hangs from the ceiling, you might have it hanging in too long a strap. Read the section on **WEIGHT**.
- The cradle bouncer is starting at too low a speed. Try starting the cradle bouncer at a higher speed and then reduce to the desired speed.

# CLEANING

Clean the Motor Original with a damp cloth. Do not use soap or other chemicals on the cradle bouncer and keep it 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 the product with other household waste. Make sure you know the local regulations on separate collection of electrical and electronic products. Correct disposal of end-of-life products helps prevent negative impacts on the environment and human health.

# 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 Motor Original. Enjoy!

- Only fit the Motor Original with original parts.
- Check that the carabiners are closed and locked correctly each time you use the engine.
- Always use the supplied plastic parts.
- Motor Original has been developed to work with Moonboon's baby hammock, twin baby hammock, cradle, springs and associated products. If you use a similar product from another manufacturer, we cannot guarantee the safety of the product, that the motor can be installed properly or will function correctly.
- If your cradle bouncer hangs suspended from a ceiling mount, you must have a maximum of 15 cm of strap above the motor, if the baby in the baby hammock or cradle weighs less than 8 kg. If the child weighs more than 8 kg, you can use up to a 50 cm strap/chain over the cradle bouncer.
- If desired, a Spring+ can be purchased for the cradle and twin baby hammock, which can be used for two children with a combined total weight between 12 kg and 20 kg, or a single child with a weight between 12 kg and 20 kg.
- You must ensure that the baby hammock or cradle has ample clearance from the floor when rocking. Read the section on **HEIGHT**.
- We recommend that you are always close to and supervise your child in the baby hammock or cradle. This applies to any time your child is in the product, day or night.
- You can switch off the Motor Original by grabbing the baby hammock or cradle and holding it still until the motor stops. This will cause the LED to glow red and you will need to restart the cradle bouncer.
- Moonboon advises against any use of the cradle bouncer, baby hammock and cradle as soon as a child can turn over or can sit up under its own power. If you choose to continue the use of the product after the child/children can turn, sit up or sit up on their knees, the child/children must be under constant supervision. Moonboon disclaims any responsibility for the use of the Motor Original in this case.
- Never push the baby hammock or cradle back and forth or use it as a swing or toy.
- If there is visible damage or wear to the baby hammock, cradle, the spring or the cradle bouncer, you must stop using the products immediately until the damage has been repaired. Contact customer service for recommended spare parts.
- The Motor Original can only withstand indoor use at a between 0 and 45 degrees celsius and a maximum humidity level of 80 percent.
- The Motor Original is not approved for use in wet or damp conditions, in bathrooms or near water.
- The Motor Original is approved for use in countries that have an electrical grid that supplies 100-240V AC.
- The Motor Original is not approved for use if connected to a DC power supply that has not provided proof of safety standards.
- If the cradle bouncer unit is connected to an unsuitable DC power supply, start-up will fail and the diode will flash green and red.

## Please note

Make sure to check regularly that the Motor Original meets all safety requirements.

