

USER MANUAL

MOTOR CONNECT

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



control with
your smartphone!



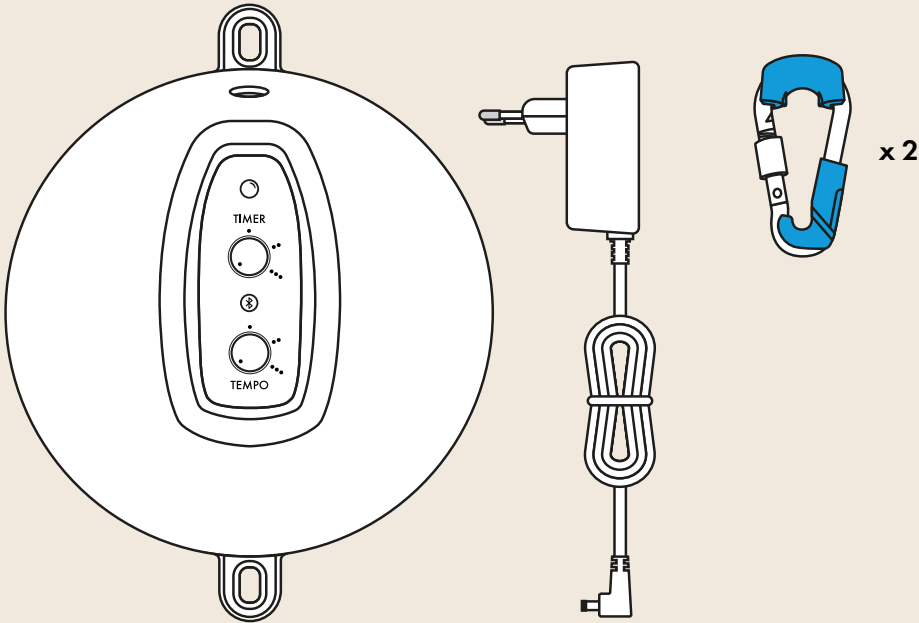
moonboon
designed for better sleep

CONTENTS

3	Important Information	9	Using the Motor
3	Instructions Video	11	Moonboon App
4	Assembly	12	Troubleshooting
5	Mounting	13	Cleaning
7	Height	13	Disposal
8	Weight	14	Safety Checklist

WHAT IS INCLUDED

- 1 Moonboon Connect
- 1 24V power supply
- 2 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

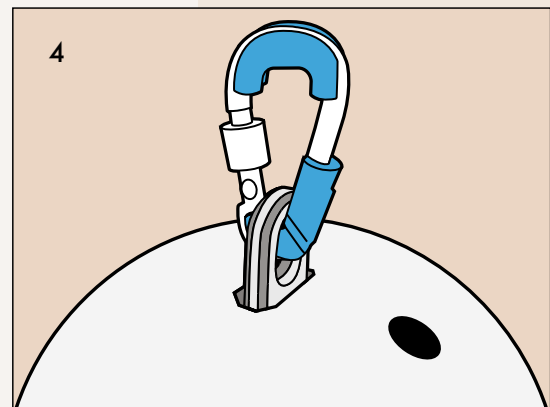
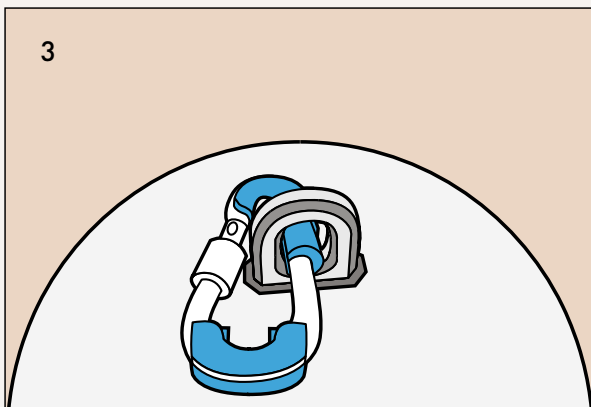
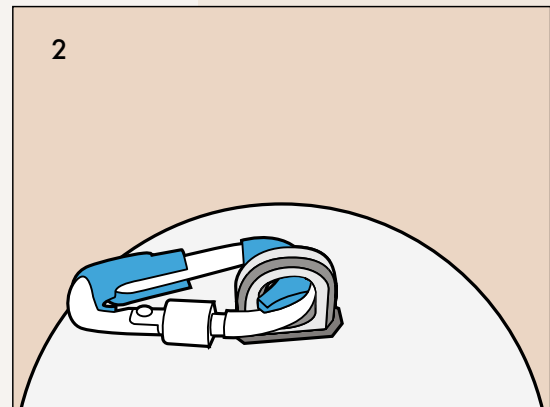
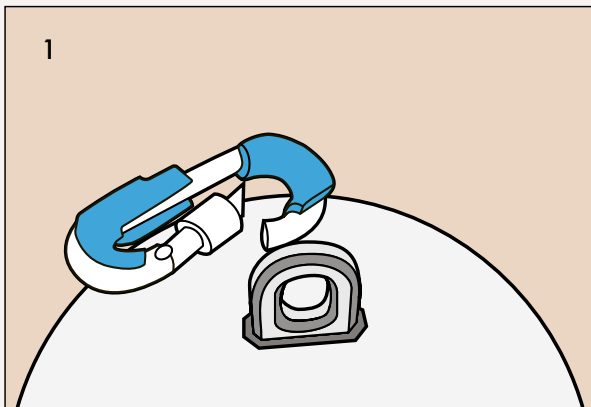


ASSEMBLY

Plastic parts are already fitted to your carabiners. Before you hang the Motor Connect, 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 Connect from a ceiling hook, it is important you read the section on **WEIGHT** first.

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

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

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

- 3 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.

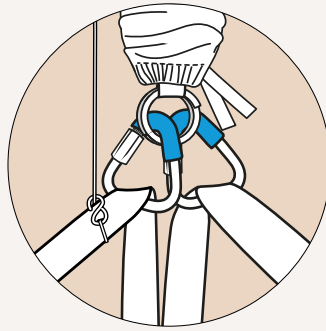
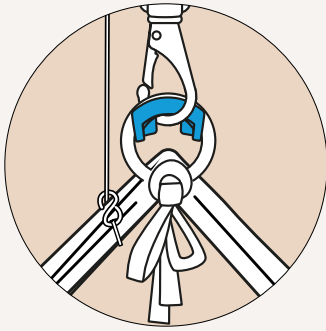
- 4 Next, the motorwire with the small s-hook must be mounted onto the baby hammock or cradle. The motorwire is the connection that ensures continuous movement between the Motor Connect and your chosen product.

The motorwire is located at the bottom of the Motor Connect 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.

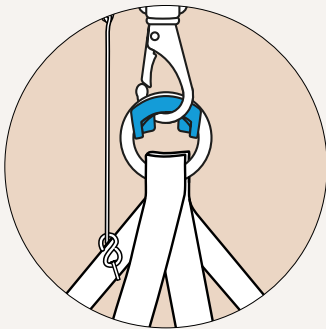
Continued on the next page...

Please note

If the Motor Connect 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 nylon motorwire is not in contact with the spring cover during movement, as this can create unwanted oscillations and wear on the wire and the spring cover.

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

Read the sections on **HEIGHT** and **WEIGHT** before using the motor.

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: WITHOUT CHILD

Assemble the baby hammock or cradle as described in their respective user manuals and pull on the spring to stretch it as far as possible. This is done by pulling the spring until you feel the safety strap (the nylon strap inside the spring) stopping the spring from extending any longer.

When the spring is fully extended, there must be ample clearance between the bottom of the baby hammock or cradle and the floor.

If the baby hammock or cradle touches the floor, then check the setup again, or find a different location to install your setup.

SECOND TEST: WITH CHILD

Place the child in the baby hammock or cradle and perform the same test as before: Stretch the spring until you feel the safety strap stop the spring.

There must be ample clearance between the bottom of the baby hammock or cradle and the floor.

Please note

When using the Motor Connect 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 motor 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's performance.

BABY HAMMOCK OR CRADLE

The supplied 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 if you have your Motor Connect 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 Connect 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 if you have your motor 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 Connect 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 Connect 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 Connect. 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 a different supplier, the Motor Connect may only be suitable for use with a higher total weight due to variations in springs, including differences in quality and dimensions.

Please note

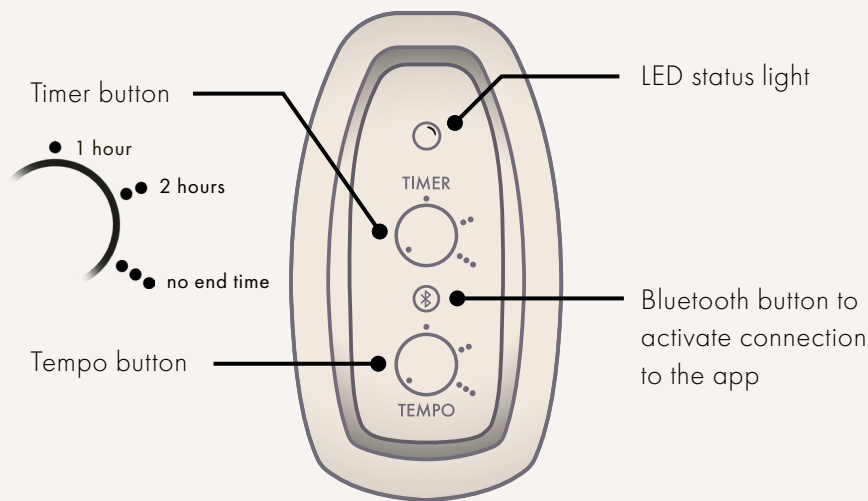
The rocking from the motor and spring will be perceived differently depending on your child's weight. With a lower weight load, the rocking will feel faster than with a larger weight load.

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 Connect 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.

Motor Connect can be controlled manually by turning on the knobs of the motor or controlled using the Moonboon App. See **MOONBOON APP** on page 11.



TIMER

The small dots indicate how long the motor will operate. The timer can be set for anything between 5 minutes and 2 hours, or set to run indefinitely. To set the timer for a duration of 1.5 hours, position the timer knob precisely between the 1-hour and 2-hour marks. See the illustration for time settings.

Motor Connect 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.

Please note

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

Please note

Please note that the motor 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.

STARTING THE MOTOR MANUALLY

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

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.

The motor will now take over and will begin to rock. You can use the knobs to increase or decrease the pace throughout the baby's nap.

When the time is up, the motor will slow down and then stop completely.

STARTING THE MOTOR WITH THE MOONBOON APP

If the motor is in standby-mode, simply choose a Sleep Program or choose your own settings and press 'START' in the app.

If the motor is turned off, turn it on by turning the 'TIMER' and 'TEMPO' buttons to the left until you hear a 'click' sound. You might need to reconnect the bluetooth, which is done by clicking the bluetooth button once.

When the LED lights up green, the motor is ready to be controlled via the Moonboon app. You can either set the time and tempo yourself or choose one of Moonboon's preset Sleep Programs.

With the app, you can adjust both the duration and pace of your baby's nap continuously, ensuring the motor rocks at precisely the speed that best suits your baby's preferences.

When the time is up, the motor will slow down and then stop completely.

Please note

After a normal use, the motor will turn the light off after use and go into standby mode. You can wake it up again using the Moonboon App.

MOONBOON APP

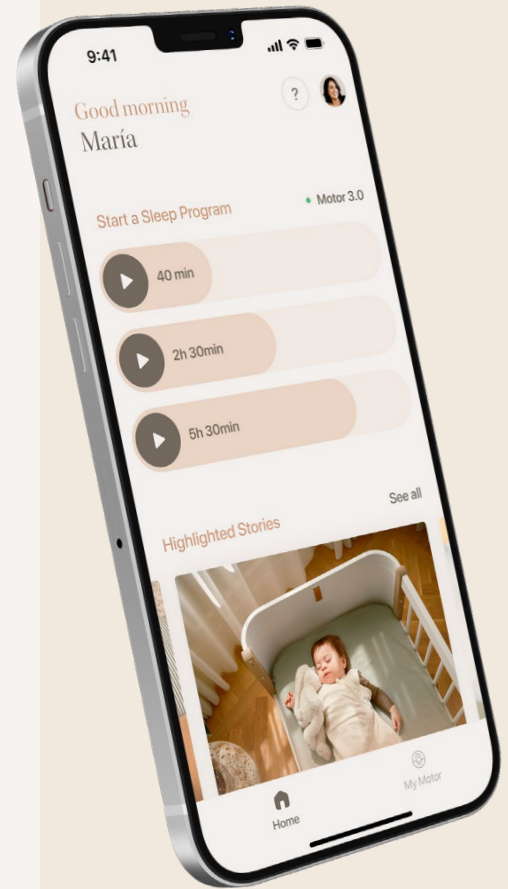
Enjoy the possibilities of intelligent touch-free start and app-control of our Motor Connect through the Moonboon App, allowing you to control your baby's sleep through a few simple taps on your smartphone.

With the app, you can quickly and easily adjust the speed and timer settings, or select a custom sleep program that automatically modifies the motor settings throughout your baby's nap.

DOWNLOAD

The app can be downloaded on both Apple and Android-based phones.

Download the app by searching for 'Moonboon' in the Apple App Store or Google Play Store.



TROUBLESHOOTING

MY MOTOR DOES NOT HAVE A BLUETOOTH BUTTON

If your motor does not have a bluetooth button located between the timer and tempo knobs, you might have a Motor Original instead of Motor Connect.

Please refer to the Motor Original user manual instead.

THE LED DOES NOT LIGHT UP

Check that the power supply is firmly attached to the top of the motor 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 motor may need servicing. Please contact customer service.

THE LED FLASHES RED AND GREEN

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

THE LED LIGHTS UP RED

The motor has gone into fail-safe mode and has stopped by itself as it has detected an error. Reset the motor 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 Connect hangs from the ceiling, you might have it hanging in too long a strap. Read the section on **WEIGHT**.
- The motor is starting at too low a speed. Try starting the motor at a higher speed and then reduce to the desired speed.

CLEANING

Clean the motor with a damp towel. Do not use soap or other chemicals on the motor 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 Connect. Enjoy!

- Only fit the Motor Connect 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 Connect 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 motor 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 motor.
- 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 Connect 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 motor.
- Moonboon advises against any use of the motor, 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 Connect 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 motor, you must stop using the products immediately until the damage has been repaired. Contact customer service for recommended spare parts.
- The Motor Connect can only withstand indoor use at a between 0 and 45 degrees celsius and a maximum humidity level of 80 percent.
- The Motor Connect is not approved for use in wet or damp conditions, in bathrooms or near water.
- The Motor Connect is approved for use in countries that have an electrical grid that supplies 100-240V AC.
- The Motor Connect is not approved for use if connected to a DC power supply that has not provided proof of safety standards.
- If the motor unit is connected to an unsuitable DC power supply, start-up will fail and the diode will flash green and red.