**Nania Rio**

# Nania Rio I-size Child Car Seat Instruction Manual

Model: Rio | Height Range: 76-150 cm | Weight Range: 9-36 kg

Introduction Safety Information Product Features Setup & Installation Operating Instructions Maintenance Troubleshooting Specifications Warranty & Support

## 1. Introduction

This manual provides essential instructions for the correct installation, use, and maintenance of your Nania Rio I-size Child Car Seat. Please read this manual thoroughly before using the car seat and keep it for future reference. Proper installation and use are crucial for your child's safety.

The Nania Rio I-size car seat is designed for children with a height between 76 cm and 150 cm, which corresponds approximately to ages 15 months to 12 years, or a weight range of 9 to 36 kg. It complies with the latest R129 i-Size safety standard.

## 2. Safety Information

### 2.1. R129 i-Size Standard Compliance

The Nania Rio I-size car seat is certified according to the ECE R129 i-Size standard. This certification ensures the seat meets the most recent and stringent safety requirements, including rigorous testing for both side and frontal collisions.




Image: Nania Rio I-size car seat displaying the ECE R129 i-Size certification logo, indicating compliance with the latest safety standards.

### 2.2. Side Protection System (SPS)

The car seat is equipped with a dedicated Side Protection System (SPS). These reinforced lateral protections are designed to safeguard your child's shoulders and hips in the event of a side impact.




Image: Front view of the Nania Rio I-size car seat with blue arrows pointing to the sides, illustrating the integrated Side Protection System (SPS) for enhanced safety.

### 2.3. General Safety Guidelines

- Always ensure the car seat is correctly installed and secured before each journey.
- Never leave your child unattended in the car seat.
- Do not modify the car seat in any way.
- Replace the car seat after any accident, even if there is no visible damage.
- Ensure the harness straps are snug and not twisted.

## 3. Product Features

### 3.1. Adaptable Design

The Nania Rio I-size car seat is designed to adapt as your child grows, accommodating children from 76 cm to 150 cm in height. This covers a wide age range, typically from 15 months up to 12 years.




Image: Three illustrations demonstrating the Nania Rio I-size car seat's adaptability, showing its configuration for smaller children with a 5-point harness, an intermediate stage, and a booster seat configuration for older children using the vehicle's seat belt.

### 3.2. Adjustable Headrest

The headrest is adjustable to 10 different height positions. This allows for simultaneous adjustment of the headrest and the internal harness system, ensuring optimal comfort and safety as your child grows. The adjustment can be performed with one hand.




Image: Two views of the Nania Rio I-size car seat, one with the headrest in its lowest position and another with it extended to a higher position, illustrating the 10-position height adjustment feature.

### 3.3. 5-Point Safety Harness

For children up to 105 cm in height and a maximum weight of 18 kg, the car seat utilizes a 5-point safety harness system with padding and crotch protection. This harness automatically adjusts as the headrest is raised.






Image: A close-up view of the Nania Rio I-size car seat's 5-point harness system, showing the padded straps and central buckle for secure child restraint.

### 3.4. Removable Comfort Insert

The car seat includes a removable comfort insert, designed for younger children. This insert is modular and can be easily adapted or removed as your child grows, providing additional comfort and support.

## 4. Setup & Installation

### 4.1. Vehicle Compatibility

The Nania Rio I-size car seat can be installed in any vehicle equipped with a 3-point seat belt system.

### 4.2. Forward-Facing Installation with Vehicle Seat Belt

The car seat is designed for forward-facing installation using the vehicle's 3-point seat belt. Special, clearly marked guides assist in a simple and quick installation process.




Image: Side view of the Nania Rio I-size car seat, illustrating how the vehicle's seat belt is routed through the designated guides for secure installation.

1. Place the car seat on the desired vehicle seat, ensuring it is stable.
2. Route the vehicle's 3-point seat belt through the marked guides on the car seat. Refer to the labels on the car seat for correct belt path.
3. Buckle the vehicle seat belt securely.
4. Pull the shoulder strap of the vehicle seat belt to remove any slack, ensuring the car seat is tightly secured against the vehicle seat.
5. Verify that the car seat does not move more than 2.5 cm (1 inch) from side to side or front to back at the belt path.

### 4.3. Transitioning from 5-Point Harness to Vehicle Seat Belt

For children taller than 105 cm or heavier than 18 kg (up to 150 cm), the 5-point harness system should be stowed away, and the child secured directly with the vehicle's 3-point seat belt. The 5-point harness can be stored within the car seat without being fully disassembled.




Image: A sequence showing the Nania Rio I-size car seat transitioning from a 5-point harness configuration for younger children to a booster seat configuration where the internal harness is removed, and the child is secured by the vehicle's seat belt.

## 5. Operating Instructions

### 5.1. Securing Your Child with the 5-Point Harness (76-105 cm, max 18 kg)

1. Place your child in the car seat.
2. Bring the two shoulder straps over your child's shoulders and connect the buckles.
3. Insert the buckle tongues into the central buckle until they click securely.
4. Tighten the harness straps by pulling the adjustment strap at the front of the seat until the harness is snug against your child's body, allowing only one finger to fit between the strap and your child's collarbone.
5. Adjust the headrest height so that the shoulder straps are at or just below your child's shoulders.

### 5.2. Securing Your Child with the Vehicle Seat Belt (100-150 cm)

1. Ensure the 5-point harness is stowed away.
2. Place your child in the car seat.
3. Route the vehicle's 3-point seat belt across your child and through the red belt guides on the car seat.
4. Ensure the lap belt lies low across your child's hips, touching the thighs.
5. Ensure the shoulder belt crosses the center of your child's shoulder and chest, not touching the neck or falling off the shoulder.
6. Buckle the vehicle seat belt and pull to remove any slack.

## 6. Maintenance

### 6.1. Cleaning the Fabric Cover

The fabric cover of the Nania Rio I-size car seat is removable and washable. Follow these steps for cleaning:

1. Carefully remove the fabric cover from the car seat frame.
2. Wash the cover according to the instructions on the care label, typically a gentle cycle at 30°C. Do not bleach, tumble dry, or iron.
3. Allow the cover to air dry completely before reattaching it to the car seat.

### 6.2. Cleaning the Car Seat Frame

The plastic parts of the car seat can be cleaned with a damp cloth and mild soap. Do not use harsh detergents or abrasive cleaners.

### 6.3. Harness Care

Wipe the harness straps with a damp cloth. Do not machine wash or immerse the harness straps in water, as this can weaken the webbing.

## 7. Troubleshooting

If you encounter any issues with your Nania Rio I-size car seat, please refer to the following common solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| Car seat feels loose after installation. | Vehicle seat belt not tightened sufficiently. | Re-route and tighten the vehicle seat belt, ensuring no slack. Press down firmly on the car seat while tightening. |
| Harness straps are difficult to adjust or tighten. | Straps may be twisted or obstructed. | Check for twists in the harness straps. Ensure no clothing or debris is obstructing the adjustment mechanism. |
| Headrest does not adjust smoothly. | Mechanism may be stiff or obstructed. | Ensure no fabric or debris is caught in the headrest mechanism. Apply gentle, even pressure when adjusting. |

If the problem persists, please contact Nania customer support for assistance.

## 8. Specifications

- **Brand:** Nania
- **Model:** Rio
- **Product Number:** 506RIO2
- **Installation Type:** Vehicle Seat Belt
- **Material:** Plastic (frame), Fabric (cover)
- **Color:** Rio (Black)
- **Orientation:** Forward-facing
- **Product Dimensions (D x W x H):** 50 cm x 50 cm x 50 cm (approximate)
- **Minimum Recommended Height:** 76 cm
- **Maximum Recommended Height:** 150 cm
- **Maximum Recommended Weight:** 36 kg
- **Number of Height Positions (Headrest):** 10
- **Safety Standard:** ECE R129 i-Size

## 9. Warranty & Support

Nania products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official Nania website. Keep your proof of purchase for any warranty claims.

For technical support, spare parts, or any questions not covered in this manual, please contact Nania customer service. Contact details can typically be found on the Nania website or on the product packaging.

**Nania Customer Service:** Please refer to the contact information provided on the Nania official website or product packaging for your region.

© 2026 Nania. All rights reserved. This manual is for informational purposes only.

## Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question