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Diono Radian 3RXT SafePlus Max

Diono Radian 3RXT SafePlus Max Convertible Car Seat Instruction Manual

Model: Radian 3RXT SafePlus Max | Brand: Diono

1. INTRODUCTION

This manual provides essential information for the proper installation, use, and maintenance of your Diono Radian 3RXT SafePlus Max Convertible Car Seat. Please read all instructions carefully before using the car seat to ensure maximum safety and comfort for your child. Keep this manual in a safe place for future reference.



Image: The Diono Radian 3RXT SafePlus Max Convertible Car Seat, showcasing its design and features.

2. PRODUCT MODES AND STAGES

The Diono Radian 3RXT SafePlus Max is designed to adapt to your child's growth, offering four distinct modes of use from infancy through booster stage. Always ensure the car seat is configured correctly for your child's weight and height.

- **Newborn Rear-Facing:** Suitable from 4 lb.
- **Rear-Facing Longer:** Supports children up to 50 lb.
- **Forward-Facing with 5-Point Harness:** For children weighing 22-65 lb.
- **High-Back Booster Mode:** Accommodates children up to 120 lb.



newborn rear-facing
from 4 lb



rear-facing longer
.....TM up to 50 lb

10 years
one
car seat



forward-facing with harness
22-65 lb



high-back booster
40-120 lb

Image: Visual representation of the four different modes of the car seat, illustrating its versatility from newborn to booster.

3. SAFETY FEATURES

Your Diono Radian 3RXT SafePlus Max car seat incorporates advanced safety engineering to provide superior protection.

- **SafePlus Engineering:** Allows for extended rear-facing use up to 50 lb. Includes 3 modes of newborn protection and a 2-in-1 anti-rebound bar and calf support to reduce rebound rotation in a collision.
- **8-Layer Side Impact Protection:** Provides enhanced safety during side-impact events.
- **Reinforced Automotive Grade High-Strength Steel Core:** A robust steel frame ensures structural integrity and protection.

safe+®
anti-rebound panel



Image: Close-up of the anti-rebound panel, demonstrating its role in reducing rotational forces.

safe+®
side impact protection



8x



**Side Impact
Tested**

Image: An exploded view showing the multiple layers of side impact protection integrated into the car seat.

safe+® automotive grade steel core



**Rollover
Tested**

Image: The internal steel frame of the car seat, highlighting its robust construction for enhanced safety.

4. SETUP AND INSTALLATION

Proper installation is crucial for your child's safety. Always refer to the detailed instructions provided in the full product manual for specific installation steps for each mode (rear-facing, forward-facing, and booster). Ensure the car seat is securely fastened using either the vehicle's LATCH system or seat belt, as appropriate for your child's weight and the car seat mode.

For rear-facing installation, ensure the anti-rebound bar is correctly positioned. For forward-facing and booster modes, verify that the vehicle's seat belt is routed through the designated belt paths and fits snugly across your child's lap and shoulder.



Image: A child secured in the car seat in a rear-facing configuration, demonstrating proper fit.

5. ADJUSTMENTS AND COMFORT

The Radian 3RXT SafePlus Max offers several features to ensure your child's comfort and a proper fit as they grow.

- **12-Position Easy-Adjust Headrest:** Allows for quick and simple height adjustments to accommodate your growing child without rethreading the harness.
- **Memory Foam Padding:** Provides enhanced comfort for longer journeys.
- **Multi-Position Calf Support:** Offers additional leg comfort and support.

safe+® easy adjust headrest



Image: The adjustable headrest, illustrating its various height settings for a customized fit.

6. MAINTENANCE

Regular cleaning and maintenance will prolong the life of your car seat and ensure continued hygiene.

- Washable Seat Cover:** The seat cover is designed for easy removal and is machine washable. Refer to the care label for specific washing instructions.
- Harness and Buckle Cleaning:** Wipe the harness straps with a damp cloth. Do not machine wash or immerse harness straps in water, as this may weaken them. Clean the buckle by rinsing it under warm water.
- Shell Cleaning:** Wipe the car seat shell with a damp cloth and mild soap.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	16 x 17 x 28.5 inches
Item Model Number	50152

Minimum Weight Recommendation	5 Pounds
Maximum Weight Recommendation	100 Pounds
Minimum Height Recommendation	18.1 Inches
Maximum Height Recommendation	57.5 Inches
Material Composition	100% Polyester
Number of Reclining Positions	12
Rear-Facing Minimum Child Weight	5 Pounds
Rear-Facing Maximum Child Weight	50 Pounds
Forward-Facing Minimum Child Weight	26 Pounds
Forward-Facing Maximum Child Weight	65 Pounds
Harness Type	5-Point
Item Weight	31.9 pounds
Installation Type	Latch

8. TROUBLESHOOTING

If you encounter any issues with your Diono Radian 3RXT SafePlus Max car seat, please consult the full instruction manual for detailed troubleshooting steps. Common issues and their resolutions are typically covered in the dedicated troubleshooting section of the comprehensive manual.

- **Harness Adjustment:** If the harness is difficult to tighten or loosen, ensure no straps are twisted or caught in the seat mechanism.
- **Installation Difficulty:** If the car seat does not feel secure after installation, re-read the installation instructions carefully and ensure all anchors or seat belt paths are correctly utilized. Seek assistance from a certified car seat technician if needed.
- **Component Issues:** For any concerns regarding missing or damaged parts, contact Diono customer support.

9. WARRANTY AND SUPPORT

For information regarding the product warranty, including coverage details and how to make a claim, please refer to the warranty section in your full instruction manual or visit the official Diono website. For additional support, product registration, or to contact customer service, please visit [the Diono Store on Amazon](#) or the manufacturer's website.