

Carson 500907667

Carson 500907667 1:20 MB Arocs Concrete Mixer

Remote-Controlled Vehicle User Manual

INTRODUCTION

Thank you for choosing the Carson 500907667 1:20 MB Arocs Concrete Mixer. This remote-controlled vehicle is designed for enthusiasts of all ages, offering a realistic and engaging construction experience. It features detailed design, advanced functions like engine sound, LED lighting, and a rotating drum, all controlled via a seamless 2.4 GHz remote. Please read this manual carefully before operating the vehicle to ensure safe and optimal performance.

SAFETY INFORMATION

- **Age Recommendation:** This product is recommended for users aged 8 years and older. Adult supervision is advised for younger users.
- **Battery Safety:**
 - Use only the specified NiMH battery and charger provided.
 - Do not attempt to charge non-rechargeable batteries.
 - Do not short-circuit battery terminals.
 - Remove batteries from the vehicle and remote control when not in use for extended periods.
 - Dispose of batteries responsibly according to local regulations.
- **Operating Environment:**
 - Operate the vehicle in open, clear areas, away from people, pets, and obstacles.
 - Avoid operating near water, heat sources, or in extreme weather conditions.
 - Do not operate in public streets or areas with vehicle traffic.
- **General Precautions:**
 - Keep fingers, hair, and loose clothing away from moving parts.
 - Do not modify or disassemble the vehicle or remote control.
 - Store the product in a cool, dry place when not in use.

PACKAGE CONTENTS

The Carson 500907667 MB Arocs Concrete Mixer package includes the following items:

- 1x Carson 1:20 MB Arocs Concrete Mixer Vehicle
- 1x 2.4 GHz Remote Control Transmitter
- 1x NiMH Rechargeable Battery Pack (for vehicle)
- 1x USB Charger Cable (for NiMH battery)
- 2x AA Batteries (for remote control)
- 1x User Manual (this document)



Image: The complete set including the yellow concrete mixer truck, the orange remote control, two AA batteries, and the green NiMH battery pack with its USB charger cable.

SETUP

1. Charging the Vehicle Battery

1. Connect the NiMH rechargeable battery pack to the USB charger cable.
2. Plug the USB charger cable into a standard USB power source (e.g., computer USB port, USB wall adapter).
3. The charging indicator light on the USB charger will show the charging status. A full charge takes approximately 2.5 hours.
4. Once fully charged, disconnect the battery from the charger.

Note: A fully charged battery provides approximately 30 minutes of operating time.

2. Installing Batteries in the Remote Control

1. Locate the battery compartment on the back of the 2.4 GHz remote control.
2. Open the battery compartment cover.
3. Insert the two included AA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

3. Installing the Vehicle Battery

1. Locate the battery compartment on the underside of the concrete mixer vehicle.
2. Open the battery compartment cover.
3. Connect the charged NiMH battery pack to the vehicle's battery connector.
4. Carefully place the battery pack inside the compartment and close the cover.

4. Pairing the Remote Control with the Vehicle

The vehicle and remote control are pre-paired from the factory. If re-pairing is needed:

1. Ensure both the vehicle and remote control are turned off.
2. Turn on the vehicle first. The vehicle's lights may flash.
3. Within 5 seconds, turn on the remote control.
4. The lights on the vehicle should become solid, indicating successful pairing.
5. If pairing fails, turn off both devices and repeat the process.

OPERATING INSTRUCTIONS

Familiarize yourself with the remote control layout and functions before operating the vehicle.

Remote Control Functions:

Control	Function
Left Joystick (Up/Down)	Forward / Backward Movement
Left Joystick (Left/Right)	Steering (Left / Right)
Right Button (Top)	Engine Sound On/Off
Right Button (Middle)	LED Lights On/Off
Right Button (Bottom)	Demo Function Activation
Left Button (Top)	Concrete Drum Rotation (Clockwise)
Left Button (Bottom)	Concrete Drum Rotation (Counter-Clockwise)

Driving the Vehicle:

- Use the left joystick to control the vehicle's movement. Push forward for forward motion, pull back for reverse.
- Move the left joystick left or right to steer the vehicle.
- Practice in an open area to get accustomed to the controls.



Image: Side profile of the yellow Carson MB Arocs Concrete Mixer, showing the detailed chassis and the white and red striped rotating drum.





Image: Rear view of the concrete mixer truck, highlighting the discharge chute and the detailed rear lights and license plate area.

Special Functions:

- **Engine Sound:** Press the top right button on the remote to toggle the realistic engine sound on or off.
- **LED Lights:** Press the middle right button to turn the vehicle's LED headlights and taillights on or off.
- **Drum Rotation:** Use the top and bottom left buttons to rotate the concrete drum clockwise or counter-clockwise.
- **Demo Function:** Press the bottom right button to activate the demo mode. The vehicle will automatically perform a sequence of its functions (driving, lights, sound, drum rotation). Press any control to exit demo mode.



Image: The yellow concrete mixer truck parked on a gravel surface outdoors, with its headlights illuminated, suggesting operation in low light conditions.



Image: A rear-side view of the concrete mixer truck on a gravel surface, showing the rotating drum and the illuminated taillights, indicating its operational features.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe down the vehicle and remote control. Do not use water or chemical cleaners, as this can damage electronic components.
- **Battery Care:**
 - Always fully charge the NiMH battery before first use and after each play session.
 - Do not overcharge the battery.
 - If storing for an extended period, charge the battery to about 50% capacity and store in a cool, dry place.
 - Remove batteries from both the vehicle and remote control if not used for several weeks.
- **Storage:** Store the vehicle and remote control in a dry, dust-free environment, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not respond to remote control.	Vehicle or remote control is off. Batteries are low or dead. Not properly paired. Interference.	Ensure both are turned on. Charge vehicle battery; replace remote control batteries. Re-pair the remote and vehicle (see Setup section). Move to an area with less interference.
Short operating time.	Battery not fully charged. Battery nearing end of life.	Ensure battery is fully charged (2.5 hours). Consider purchasing a new NiMH battery (Carson part no. 500608240).
Functions (lights, sound, drum) not working.	Vehicle battery low. Remote control battery low. Function button not pressed correctly.	Charge vehicle battery. Replace remote control batteries. Ensure firm and correct button press.

SPECIFICATIONS

Feature	Detail
Model Number	500907667
Scale	1:20
Dimensions (L x W x H)	38 x 15.5 x 20.5 cm
Weight	1.3 kg
Material	Plastic
Color	Yellow
Remote Control Frequency	2.4 GHz
Vehicle Battery Type	NiMH Rechargeable Battery

Feature	Detail
Vehicle Operating Time	Approx. 30 minutes
Vehicle Charging Time	Approx. 2.5 hours
Remote Control Battery Type	2x AA Batteries (included)
Special Features	Engine Sound, LED Lights, Rotating Concrete Drum, Demo Function

WARRANTY AND SUPPORT

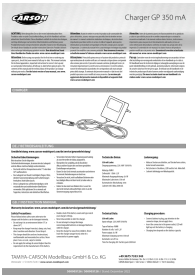

Carson products are known for their quality and reliability. For warranty information and technical support, please refer to the official Carson website or contact your local retailer.

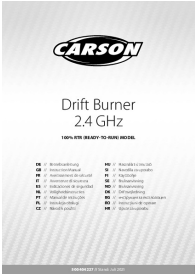



As a specialist in remote-controlled vehicles for over 25 years, Carson ensures excellent quality and product safety.

- **Manufacturer:** Carson
- **Website:** www.carson-models.com (Please check for regional websites)
- **Customer Service:** Refer to the contact information provided on the official website or product packaging for support.

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Related Documents - 500907667

	<p>Carson GP 350 mA Battery Charger: User Manual and Safety Instructions</p> <p>Official instruction manual for the Carson GP 350 mA battery charger. Includes safety precautions, technical specifications, and charging procedures for NiMH batteries. Learn how to safely charge your batteries.</p>
	<p>CARSON FE-LINE 2.4 GHz: 100% RTR Ready-to-Run Model Instruction Manual</p> <p>Official instruction manual for the CARSON FE-LINE 2.4 GHz, a 100% Ready-to-Run (RTR) remote-controlled model car. Includes setup, operation, and safety guidelines.</p>

	<p>CARSON Drift Burner 2.4 GHz RC Car Instruction Manual</p> <p>Comprehensive instruction manual for the CARSON Drift Burner 2.4 GHz RC car, covering setup, operation, safety precautions, and battery handling. Features detailed descriptions of controls, charging, and maintenance.</p>
	<p>CARSON Bella Luisa 2.4 GHz RTR Model Boat - User Manual</p> <p>Discover the CARSON Bella Luisa 2.4 GHz RTR model boat. This comprehensive manual provides essential setup, operation, and safety instructions for your radio-controlled boat, ensuring an optimal and enjoyable experience for hobbyists. Explore the features and guidelines to get the most out of your CARSON Bella Luisa boat.</p>
	<p>CARSON Reflex Stick Multi Pro 14 Channel 2.4 GHz FHSS Radio Control System User Manual</p> <p>Comprehensive user manual for the CARSON Reflex Stick Multi Pro 14 Channel 2.4 GHz FHSS Digital Proportional Radio Control System. Includes setup, operation, safety, warranty, and technical specifications.</p>
	<p>CARSON X4 Dragon 330 2.4 GHz RTF Quadcopter User Manual</p> <p>User manual for the CARSON X4 Dragon 330 2.4 GHz RTF radio-controlled quadcopter. Covers assembly, operation, safety, battery care, and features. Provided by CARSON.</p>