

maXpeedingrods MXR3500

maXpeedingrods 3300W Inverter Generator User Manual

Model: MXR3500

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your maXpeedingrods MXR3500 Inverter Generator. Designed for versatility, this generator delivers a peak power of 3300W and a running power of 3000W, making it ideal for various applications including camping, outdoor activities, and as a reliable backup power source for your home.

Please read this manual thoroughly before operating the generator to ensure proper use and to prevent injury or damage to the unit.

2. SAFETY INFORMATION

Your safety and the safety of others are very important. Always observe the following safety precautions when operating this generator.

- **Carbon Monoxide Hazard:** Generator exhaust contains carbon monoxide, a colorless, odorless, poisonous gas. Operating a generator indoors can kill you in minutes. ALWAYS operate the generator outdoors in a well-ventilated area, far away from windows, doors, and vents.
- **Fire Hazard:** Gasoline is extremely flammable and its vapors are explosive.
 - Turn off the engine and allow it to cool before refueling.
 - Refuel in a well-ventilated area.
 - Do not overfill the fuel tank.
 - Keep gasoline away from sparks, open flames, pilot lights, heat, and other ignition sources.
- **Electrical Shock Hazard:**
 - Do not operate the generator in wet conditions.
 - Ensure all electrical connections are secure and dry.
 - Use only grounded extension cords and appliances.
- **Hot Surfaces:** The generator's engine and muffler become very hot during operation and remain hot for a while after the engine stops. Avoid touching hot surfaces.
- **Children and Pets:** Keep children and pets away from the generator, especially during operation.

3. COMPONENTS AND CONTROLS

Familiarize yourself with the various parts and controls of your MXR3500 Inverter Generator.



Figure 3.1: Front view of the maXpeedingrods MXR3500 Inverter Generator.

This image shows the overall design of the maXpeedingrods MXR3500 Inverter Generator, highlighting its compact and portable nature. The main body is yellow and black, with a prominent handle for easy transport. The control panel is visible on the right side, featuring various outlets and indicators.

Control Panel Overview



Figure 3.2: Detailed view of the generator's control panel.

This image provides a close-up of the control panel, detailing the various indicators and output ports. Key elements include the 3-in-1 switch for starting, the AC output sockets, USB ports, DC 12V output, and indicator lights for low oil, overload, and AC output ready.

- **3-in-1 Switch:** Controls engine operation (OFF, CHOK, RUN).
- **Recoil Starter:** Used to manually start the engine.
- **Fuel Cap:** For filling the fuel tank. Includes a vent.
- **Oil Fill Cap/Dipstick:** For checking and adding engine oil.
- **AC Output Sockets (2x 230V 16A):** For connecting standard electrical appliances.
- **DC 12V 8.3A Output:** For charging 12V batteries or powering 12V devices.
- **USB Ports (2x):** For charging USB-powered devices.
- **Parallel Connectors:** For connecting two MXR3500 generators for increased power output (up to 5400W).
- **ECO Switch:** Engages Eco-mode for fuel efficiency and reduced noise under light loads.
- **DC Breaker:** Protects the DC output from overload.
- **AC Reset Button:** Resets the AC output after an overload.
- **Indicator Lights:**
 - **Low Oil Alert LED:** Illuminates when engine oil level is low.
 - **Overload LED:** Illuminates when the generator is overloaded.
 - **Output Ready LED (AC):** Illuminates when the generator is producing stable AC power.

4. SETUP

Before first use, the generator requires initial setup, including adding engine oil and fuel.

4.1 Adding Engine Oil

The generator is shipped without engine oil. You must add the correct amount of oil before starting.

1. Place the generator on a level surface.

2. Unscrew and remove the oil fill cap/dipstick.
3. Using the provided oil funnel, slowly add approximately 0.45 liters of 10W-30 engine oil (or equivalent, refer to specifications for recommended oil type) until the oil level reaches the upper mark on the dipstick. Do not overfill.
4. Reinstall the oil fill cap/dipstick securely.

4.2 Adding Fuel

Use only fresh, unleaded gasoline with an octane rating of 87 or higher.

1. Ensure the engine is off and cool.
2. Move the generator to a well-ventilated outdoor area.
3. Unscrew the fuel cap.
4. Carefully pour gasoline into the fuel tank, avoiding spills. Do not fill above the red indicator inside the tank.
5. Securely tighten the fuel cap. Ensure the fuel cap vent is open for operation and closed for transport/storage.

5. OPERATING INSTRUCTIONS

5.1 Starting the Engine

1. Ensure the generator is on a level surface outdoors, away from any obstructions.
2. Open the fuel cap vent (if applicable).
3. Turn the 3-in-1 switch to the **CHOKE** position.
4. Pull the recoil starter handle slowly until resistance is felt, then pull briskly. Repeat until the engine starts.
5. Once the engine starts, slowly move the 3-in-1 switch to the **RUN** position.
6. Allow the engine to warm up for a few minutes. The Output Ready LED should illuminate, indicating stable power is available.
7. You can now connect your appliances to the AC, DC, or USB outlets.

5.2 Stopping the Engine

1. Disconnect all electrical loads from the generator.
2. Turn the 3-in-1 switch to the **OFF** position.
3. Close the fuel cap vent (if applicable) for storage or transport.

5.3 Eco Mode Operation

The Eco Mode switch allows the generator to automatically adjust engine speed to match the load, improving fuel efficiency and reducing noise levels.

- To activate Eco Mode, slide the ECO switch to the **ON** position.
- For maximum power output or when starting high-load appliances, turn the ECO switch to the **OFF** position.

RUHIGER BETRIEB

Bietet eine ruhige, entspannende Umgebung,
ohne jemanden zu stören



**7m, Eco-Modus, 25% Last
Geräuschpegel 58dB**

Figure 5.1: The generator operating in Eco Mode, demonstrating its quiet performance.

This image illustrates the low noise output of the MXR3500 generator, particularly when operating in Eco Mode. At 25% load and a distance of 7 meters, the noise level is approximately 58 dB, comparable to a normal conversation or a dishwasher.

5.4 Parallel Operation

Two MXR3500 generators can be connected in parallel using a parallel cable (included) to double the available power output, up to 5400W peak.

1. Ensure both generators are off and cool.
2. Connect the parallel cable to the designated parallel connectors on both generators.
3. Start both generators following the "Starting the Engine" procedure.
4. Once both generators are running and their Output Ready LEDs are illuminated, you can connect your high-power appliances to the parallel output sockets on the parallel kit.

PARALLEL FÜR MEHR

Erhalten Sie bis zu 5400 W, um mehr Geräte zu betreiben





Mittelgroße Haushalte
Grundbedürfnisse



Baustelle
Alle Elektrowerkzeuge



Lagerhaus
Backup-Generator

NACH PARALLEL

Figure 5.2: Two MXR3500 generators connected for increased power output.

This image shows two maXpeedingrods MXR3500 generators linked together, illustrating the parallel operation capability. This setup allows for a combined power output of up to 5400W, suitable for powering larger appliances or multiple devices simultaneously, such as for a medium-sized household or construction site.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your generator.

6.1 Maintenance Schedule

Item	Before Each Use	Every 25 Hours / Monthly	Every 100 Hours / Annually
Check Engine Oil Level	✓		
Check Air Filter		Clean	
Change Engine Oil			✓

Item	Before Each Use	Every 25 Hours / Monthly	Every 100 Hours / Annually
Check Spark Plug			Inspect/Clean
Check Fuel Filter			Inspect/Replace

6.2 Storage

For long-term storage (more than 30 days), proper preparation is essential to prevent fuel degradation and engine damage.

1. Drain the fuel tank and carburetor. Run the engine until it stops from lack of fuel.
2. Change the engine oil.
3. Remove the spark plug and pour a tablespoon of engine oil into the cylinder. Slowly pull the recoil starter a few times to distribute the oil, then reinstall the spark plug.
4. Clean the exterior of the generator.
5. Store the generator in a clean, dry, well-ventilated area.

7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Engine will not start	No fuel; Low oil level; 3-in-1 switch in OFF position; Spark plug issue; Clogged fuel filter.	Add fuel; Add oil; Turn switch to CHOKE/RUN; Inspect/replace spark plug; Clean/replace fuel filter.
No power output	Overload LED illuminated; AC Reset button tripped; ECO mode engaged with high load; Faulty appliance.	Reduce load, press AC Reset; Press AC Reset; Turn ECO mode OFF; Check appliance.
Engine runs, then stops	Low fuel; Low oil level; Overload.	Add fuel; Add oil; Reduce load.
Excessive noise/vibration	Generator not on level surface; Loose components; Engine issue.	Place on level surface; Check for loose parts; Consult service center.

8. SPECIFICATIONS

Specification	Value
Model	MXR3500
Peak Power	3300 W
Running Power	3000 W
Voltage	230 V
Noise Level (25% load, 7m)	58 dB
Fuel Type	Unleaded Gasoline

Specification	Value
Engine Oil Capacity	0.45 Liters
Dimensions (L x W x H)	48 x 29 x 44 cm
Weight	21 kg
Output Ports	2x 230V AC, 1x 12V DC, 2x USB

9. WARRANTY AND SUPPORT

maXpeedingrods stands behind the quality of its products.

9.1 Warranty Information

All maXpeedingrods inverter generators are covered by a **2-year warranty** from the date of retail purchase by the original end-user. This warranty covers defects in workmanship under normal use.

Jahr Garantie

Sie können sich darauf verlassen, dass Ihr Generator durch die EURO V-Zertifizierung abgedeckt ist



2 JAHR GARANTIE

Markengarantie, sorgenfreier After-Sales-Kauf mit Vertrauen



ZERTIFIZIERUNG

CE-zertifiziert gemäß MD&EMC-Richtlinie
EURO V-Zertifizierung



ECHTE GARANTIE

nagelneu und aus Gründen der Produktqualität, Sie können sich an den Kundendienst wenden



TECHNISCHER SUPPORT

Bieten Sie langfristige professionelle technische Dienstleistungen an, um Ihre Sorgen zu beseitigen

Einzelheiten entnehmen Sie bitte dem Kundendienst des Produkthandbuchs



CE Certified
under MD & EMC Directive



ISO 9001:2015 QMS approved



EURO V certification

Figure 9.1: Overview of warranty and certifications.

This image highlights the 2-year warranty provided by maXpeedingrods, along with certifications such as CE and ISO 9001:2015, ensuring product quality and compliance with standards. It also mentions technical support availability.

9.2 Technical Support and Customer Service

Free lifetime technical support and customer service are available for all maXpeedingrods generator owners. For assistance, please refer to the contact information provided with your purchase documentation or visit the official maXpeedingrods website.

For more information, visit: www.maxpeedingrods.com

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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