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› maXpeedingrods 3300W Portable Inverter Generator Petrol Silent Pure Sine Wave Generator for Camping, RV Travel, Home, or Jobsites
User Manual

maXpeedingrods MXR3500

maXpeedingrods 3300W Portable Inverter Generator

Model: MXR3500

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your maXpeedingrods 3300W Portable Inverter Generator. This quiet and fuel-efficient 4-stroke 145cc petrol generator delivers 3300W maximum power and 3000W running power, making it suitable for various applications including lighting systems, RVs, small homes, and a wide range of high-power appliances. Its inverter technology ensures clean power output, safe for sensitive electronics like phones, tablets, televisions, and computers.



Figure 1.1: maXpeedingrods 3300W Portable Inverter Generator, showcasing its compact design and orange and black casing.

2. SAFETY INFORMATION

WARNING: Failure to follow these instructions can result in serious injury or death.

- **Carbon Monoxide Hazard:** Generators produce carbon monoxide, a colorless, odorless, poisonous gas. Operate the generator **ONLY** outdoors in a well-ventilated area, far away from windows, doors, and vents. Never operate indoors, in a garage, or in any enclosed space.
- **Fire Hazard:** Fuel is highly flammable. Always refuel in a well-ventilated area with the engine off and cool. Do not overfill the fuel tank. Keep fuel away from sparks, open flames, and other ignition sources.
- **Electrical Shock Hazard:** Do not operate the generator in wet conditions. Ensure all electrical connections are dry and secure. Do not touch the generator or connected devices with wet hands.
- **Hot Surfaces:** The generator's engine and muffler become very hot during operation and remain hot for a period after shutdown. Avoid touching hot surfaces to prevent burns.

- **Children and Pets:** Keep children and pets away from the generator at all times.
- **Read the Manual:** Always read and understand the entire instruction manual before operating the generator.

3. COMPONENTS OVERVIEW

Familiarize yourself with the key components of your generator:

- **Fuel Tank Cap:** Located on top, for petrol filling.
- **Control Panel:** Houses outlets, indicators, and controls.
- **Pull Start Handle:** For manual engine starting.
- **Exhaust Outlet:** Hot gases exit here. Ensure it is clear of obstructions.
- **Oil Fill/Drain Plug:** For engine oil management.

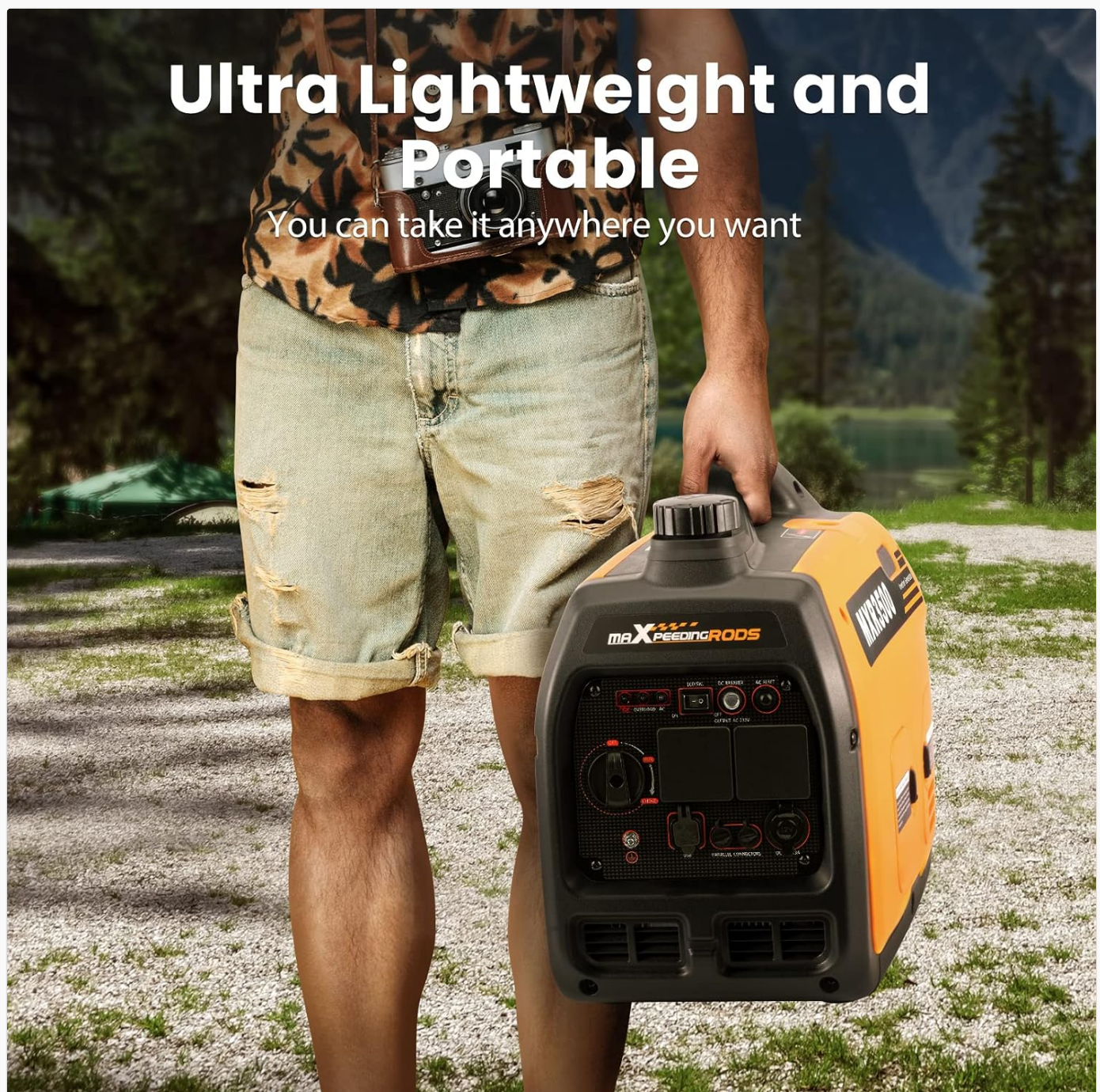


Figure 3.1: Detailed view of the generator's control panel, showing the various outlets and indicators.



Figure 3.2: Close-up of the 3-in-1 knob, showing OFF, RUN, and CHOKE positions, along with the overload and low oil LED alerts and AC reset button.

4. INITIAL SETUP

Before first use, proper setup is crucial:

1. Add Engine Oil:

- Place the generator on a level surface.
- Locate and remove the oil fill/drain plug.
- Using the provided oil funnel, carefully add approximately 450ml of 10W-30 engine oil. Do not overfill. The oil level should reach the lower edge of the oil fill opening.
- Securely replace the oil fill/drain plug.

2. Add Fuel:

- Ensure the generator is off and cool.
- Unscrew the fuel tank cap.
- Fill the fuel tank with fresh, unleaded petrol. Do not fill above the red indicator in the tank.
- Securely replace the fuel tank cap. Wipe up any spilled fuel immediately.

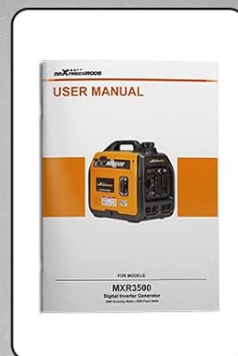
Accessories



Screwdriver



UK Plug



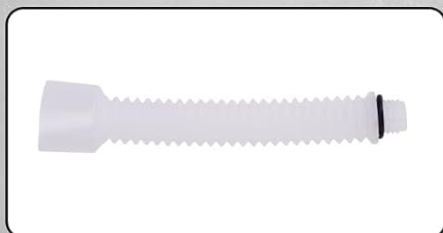
User Manual



Spark Plug Socket Wrench



Cigarette Lighter Plug



Oil Funnel



Generator Parallel Cables



Generator Cover

Figure 4.1: Included accessories such as the oil funnel, screwdriver, UK plug, and user manual, essential for initial setup and maintenance.

5. OPERATION

5.1 Starting the Generator

1. Ensure the generator is on a level surface and all electrical loads are disconnected.

2. Turn the 3-in-1 knob to the "CHOKE" position.
3. Pull the recoil starter handle slowly until resistance is felt, then pull briskly to start the engine.
4. Once the engine starts, gradually turn the 3-in-1 knob to the "RUN" position.
5. Wait for the "Output Ready" LED to illuminate, indicating stable power output.

5.2 ECO Mode

The ECO mode switch allows the generator to automatically adjust engine speed to match the load, improving fuel efficiency and reducing noise. For sensitive electronics or light loads, ECO mode is recommended.

- **To activate ECO mode:** Flip the ECO switch to the "ON" position.
- **To deactivate ECO mode:** Flip the ECO switch to the "OFF" position for full power output.



Figure 5.1: Overview of key features including low noise operation, clean power, and long run time, all enhanced by the ECO mode.

5.3 Connecting Appliances

Once the generator is running and the "Output Ready" LED is on, you can connect your appliances to the appropriate outlets (230V AC, 12V DC, or USB). Ensure the total wattage of connected devices does not exceed the generator's running wattage (3000W).

5.4 Overload Protection

If the generator is overloaded, the "Overload" LED will turn red, and power output will stop. To reset, unplug all appliances, reduce the load, and press the "AC Reset" button on the control panel.

5.5 Stopping the Generator

1. Disconnect all electrical loads from the generator.
2. Turn the 3-in-1 knob to the "OFF" position.
3. Allow the engine to cool down before storing.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your generator.

- **Engine Oil Change:** The first oil change should be performed after 20 hours of operation. Subsequent oil changes should be done every 50-100 hours or every 6 months, whichever comes first.
- **Spark Plug Inspection:** Inspect the spark plug every 100 hours or annually. Clean or replace if necessary.
- **Air Filter Cleaning:** Clean the air filter element every 50 hours or more frequently in dusty conditions.
- **Fuel System:** For long-term storage, drain the fuel tank and carburetor to prevent fuel degradation issues.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine will not start	No fuel Low oil level 3-in-1 knob not in CHOKE/RUN Spark plug issue	Add fresh fuel Add engine oil Set knob to CHOKE (cold start) then RUN Inspect/clean/replace spark plug
No power output	Overload AC breaker tripped ECO mode engaged with high load	Reduce load, press AC Reset Reset AC breaker Turn off ECO mode for higher loads
Overload LED is red	Connected load exceeds capacity	Unplug all appliances, reduce total wattage, press AC Reset.
Low Oil LED is on	Engine oil level is low	Stop engine immediately and add engine oil.

8. SPECIFICATIONS

Feature	Detail
Model	MXR3500
Max Wattage	3300W
Running Wattage	3000W
Engine Type	4-stroke, 145cc
Noise Level (at 25% load, 7m)	58 dB
Runtime (25% load)	8.3 hours
Runtime (50% load)	4.5 hours
Voltage	230 Volts (AC)
Dimensions (L x W x H)	48 x 29 x 44 cm
Item Weight	21 kg
Fuel Type	Petrol
Outlets	2x 230V 13A, 1x 12V 8.3A DC, 2x USB
Special Features	Portable, Fuel Efficient, Pure Sine Wave



Figure 8.1: Visual representation of the generator's dimensions (48cm length, 29cm width, 44cm height).

9. WARRANTY

maXpeedingrods warrants all inverter generators against defects in workmanship under normal use for a period of **2 years** from the date of retail purchase by the original end-user purchaser ("Warranty Period"). This warranty includes free lifetime technical support and customer service.

10. CUSTOMER SUPPORT

For technical assistance, warranty claims, or any other inquiries, please contact maXpeedingrods customer service. Refer to your purchase documentation or the official maXpeedingrods website for the most current contact information.

Thank you for choosing maXpeedingrods.

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

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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