maXpeedingrods MXR2850

maXpeedingrods MXR2850 Portable Inverter Generator Instruction Manual

Model: MXR2850 | Brand: maXpeedingrods

1. Product Overview

The maXpeedingrods MXR2850 4-Stroke OHV gasoline inverter generator is designed to provide reliable power for various applications, including camping, festivals, tailgating, caravans, and home power backup. It features a digital display for real-time monitoring and advanced inverter technology for clean power output.

- **Multifunction Power Supplier:** Produces 2850W max watts and 2200W running watts.
- **Digital Display Meter:** Monitors voltage, frequency, single running time, and accumulated running time.
- **Portable and Lightweight:** Weighs 39.7lbs with a convenient handle for easy transport.
- **Clean Current:** Inverter technology ensures stable power for sensitive electronics.
- **Parallel Ready:** Can connect with another compatible generator (parallel kit sold separately) to double output.



Figure 1: Front view of the maXpeedingrods MXR2850 Portable Inverter Generator.



Figure 2: Detailed view of the MXR2850 control panel, highlighting the digital display and various output ports.

2. Setup Guide

Before operating your generator, ensure proper setup to guarantee safe and efficient performance.

2.1 Adding Engine Oil

Locate the oil fill cap/dipstick. Ensure the generator is on a level surface. Slowly add the recommended engine oil (refer to specifications for type and capacity) until it reaches the upper mark on the dipstick. Do not overfill.

2.2 Adding Fuel

The MXR2850 supports both gasoline and propane. For gasoline, use unleaded gasoline with an octane rating of 87 or higher. For propane, connect a standard propane tank to the LPG inlet. Ensure the fuel switch is set to the correct fuel source before starting.



Figure 3: The digital display screen helps monitor generator status, including fuel levels, which is crucial during setup and operation.



Figure 4: The lightweight design of the MXR2850 makes it easy to position for setup in various outdoor environments.

3. Operating Instructions

Follow these steps to safely operate your maXpeedingrods generator.

3.1 Starting the Generator

1. Ensure the generator is on a level surface and away from flammable materials.
2. Turn the fuel switch to the 'ON' position for the selected fuel type (gasoline or LPG).
3. Turn the main power switch to 'ON'.
4. **Push Button Start:** Press and hold the 'ENGINE START/STOP' button until the engine starts.
5. **Pull Start:** Firmly pull the starter handle until the engine starts.
6. **App Control:** Ensure Bluetooth is enabled on your device and the generator. Open the maXpeedingrods app, select your generator, and use the 'START' toggle.

3.2 Eco Mode

The Eco Mode automatically adjusts engine speed to match the load, improving fuel efficiency and reducing noise. Toggle the 'ECO' switch on the control panel or in the app to activate/deactivate.

3.3 Connecting Devices

Once the generator is running stably, you can connect your electrical devices to the appropriate outlets (AC 120V 20A, AC 120V 30A, USB-A, USB-C). Ensure the total wattage of connected devices does not exceed the generator's running wattage.



Figure 5: The multiple-output panel provides various connection options for different electrical devices.



Figure 6: The MXR2850 is designed for quiet operation, making it suitable for various outdoor and indoor (well-ventilated) uses.

4. Maintenance

Regular maintenance ensures the longevity and optimal performance of your generator. Always refer to the detailed user manual for specific maintenance schedules and procedures.

- **Oil Changes:** Perform initial oil change after 20 hours of operation, then every 50-100 hours depending on usage.
- **Air Filter:** Inspect and clean the air filter regularly. Replace if damaged.
- **Spark Plug:** Check and clean the spark plug periodically. Replace if worn.
- **Fuel Storage:** For long-term storage, drain the fuel tank and carburetor, or use a fuel stabilizer.
- **CO Alert System:** The generator is equipped with a Carbon Monoxide (CO) alert system. If the CO alert light illuminates, move the generator to a well-ventilated outdoor area immediately. Refer to the manual for further instructions.

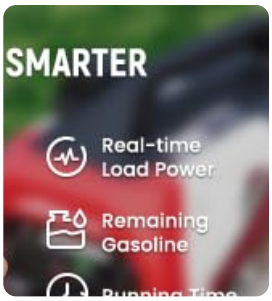


Figure 7: The CO Alert system provides visual indicators for maintenance required (yellow) or carbon monoxide detected (red).

5. Troubleshooting

If your generator encounters issues, consult the following basic troubleshooting tips. For complex problems, refer to the comprehensive user manual or contact customer support.

- **Generator Not Starting:** Check fuel level, oil level, spark plug connection, and ensure the main power switch is ON.
- **No Power Output:** Check if the circuit breaker has tripped. Ensure devices are properly connected and not exceeding the wattage limit.
- **Overload Indicator:** If the overload light illuminates, disconnect devices immediately to prevent damage. Reduce the load before reconnecting.
- **Bluetooth Connectivity Issues:** Ensure the generator's main switch is ON and your device's Bluetooth is enabled. Try restarting both the app and the generator.

6. Specifications

Feature	Detail
Brand	maXpeedingrods
Model	MXR2850
Starting Wattage (Gasoline)	2850 Watts
Running Wattage (Gasoline)	2200 Watts
Starting Wattage (Propane)	3600 Watts
Running Wattage (Propane)	3000 Watts
Fuel Type	Gasoline, Propane
Engine Type	4 Stroke OHV
Item Weight	46.2 pounds (20.95 kg)
Product Dimensions	20.47 x 13.74 x 20.12 inches

Feature	Detail
Runtime	7 hours (at 25% load)
Total Power Outlets	4 (2x 120V 20A, 2x USB)
Special Feature	Digital Display, CO Alarm, Parallel Ready

7. Warranty and Support

For detailed warranty information, technical support, or to purchase accessories, please refer to the complete user manual provided with your product. You can also visit the official maXpeedingrods website or contact their customer service directly.

A digital copy of the user manual is available for download:User Manual (PDF)