

Losi LOS06000T2

Losi Promoto-MX 1/4 Scale RC Motorcycle Instruction Manual

Model: LOS06000T2

1. SAFETY INFORMATION

Please read this entire instruction manual to familiarize yourself with the product's features before operation. Incorrect operation can result in damage to the product, personal property, and serious injury. This is a sophisticated hobby product that requires caution, common sense, and basic mechanical ability to operate. Failure to operate this product in a safe and responsible manner could result in injury or damage to the product or other property.

This product is not intended for use by children without direct adult supervision. Do not use with incompatible components or alter this product in any way outside of the instructions provided by Horizon Hobby, LLC. The product manual contains instructions for safety, operation, and maintenance. It is essential to read and follow all instructions and warnings in the manual prior to assembly, setup, or use to ensure correct operation and avoid damage or serious injury.

2. PACKAGE CONTENTS

The Losi Promoto-MX RTR Motorcycle comes fully assembled and ready-to-run. The following items are included in the box:

- (1) Losi Promoto-MX RTR Motorcycle
- (1) Spektrum Smart DX3PM Transmitter
- (1) Bike Stand
- (1) Starting Stand
- (1) 1/4 Promoto-MX Motorcycle Manual
- (1) Quick Start Guide
- (1) Chain Lube
- Tuning Parts
- Fork and Shock Tools

Note: Battery and charger are not included and must be purchased separately.

Needed to Complete



Battery



Charger

Figure 2.1: Items required to complete the Promoto-MX setup (battery and charger).

3. SETUP AND FIRST USE

3.1 Battery Installation

1. Ensure the motorcycle and transmitter are powered off.
2. Locate the battery compartment on the motorcycle chassis.
3. Connect a compatible LiPo battery (not included) to the electronic speed controller (ESC) connector.
4. Secure the battery within the compartment.
5. Install batteries in the Spektrum Smart DX3PM Transmitter according to its manual.

3.2 Transmitter Binding

Your Promoto-MX motorcycle and Spektrum Smart DX3PM Transmitter should come pre-bound from the factory. If re-binding is necessary, refer to the detailed instructions in the Spektrum Smart DX3PM Transmitter manual.

3.3 Pre-Run Checks

- Verify all screws and fasteners are secure.
- Check tire pressure and ensure wheels spin freely.
- Confirm steering and throttle respond correctly to transmitter inputs.
- Inspect the chain for proper tension and lubrication. Use the included chain lube as needed.



Figure 3.1: The Losi Promoto-MX 1/4 Scale RC Motorcycle ready for operation.

4. OPERATING INSTRUCTIONS

The Losi Promoto-MX features innovative, patent-pending Spektrum MS6X technology and a frame-integrated, high-RPM flywheel for exceptional stability and performance. These features contribute to its realistic handling and ability to perform various maneuvers.

4.1 Basic Operation

1. Place the motorcycle on the starting stand.
2. Power on the transmitter, then the motorcycle.
3. Gently apply throttle to move forward. Use the steering wheel on the transmitter to control direction.
4. Practice in an open area to get accustomed to the controls and the motorcycle's self-righting capabilities.

4.2 Advanced Maneuvers

The Promoto-MX is designed for dynamic riding, including cornering, jumps, and wheelies. Experiment with throttle and steering inputs to achieve these maneuvers. The integrated flywheel assists in maintaining balance during aggressive riding.



Figure 4.1: Motorcycle demonstrating cornering ability.



Figure 4.2: Motorcycle performing a wheelie.



Figure 4.3: Motorcycle executing a jump.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Losi Promoto-MX RC motorcycle.

5.1 Post-Run Inspection

- Clean dirt and debris from the chassis, motor, and suspension components.
- Check for any loose screws or damaged parts. Tighten or replace as necessary.
- Inspect tires for wear and ensure they are securely glued to the rims.
- Examine the chain and gears for wear or damage. Lubricate the chain with the provided chain lube.

5.2 Suspension and Steering

- Check shock absorbers for leaks or damage. Ensure smooth operation.
- Verify steering linkages are free of obstruction and operate smoothly.

5.3 Storage

When not in use, store the motorcycle in a clean, dry place away from direct sunlight and extreme temperatures. Disconnect and remove the battery from the motorcycle.

6. TROUBLESHOOTING GUIDE

This section provides solutions to common issues you might encounter with your Promoto-MX motorcycle.

Problem	Possible Cause	Solution
Motorcycle does not respond to transmitter.	Low battery in motorcycle or transmitter; Not bound; Power switch off.	Charge/replace batteries; Re-bind transmitter and receiver; Ensure power switches are ON.
Motorcycle runs slowly or has reduced power.	Low battery; Motor/ESC overheating; Obstruction in drivetrain.	Charge battery fully; Allow components to cool; Check for debris in gears or chain.
Motorcycle pulls to one side.	Steering trim incorrect; Damaged steering linkage; Uneven suspension.	Adjust steering trim on transmitter; Inspect and replace damaged parts; Check suspension settings.
Unusual noises during operation.	Damaged gears; Debris in drivetrain; Loose components.	Inspect gears for damage and replace; Clean drivetrain; Tighten all fasteners.

7. SPECIFICATIONS

Detailed specifications for the Losi Promoto-MX 1/4 Scale RC Motorcycle (LOS06000T2).

Feature	Specification
Product Dimensions	21 x 13.5 x 24.6 inches
Item Weight	22.5 pounds
Item Model Number	LOS06000T2
Manufacturer Recommended Age	14 years and up
Batteries Required	1 Lithium Polymer battery (not included)
Release Date	June 22, 2023
Manufacturer	Horizon Hobby

8. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Losi or Horizon Hobby website. You can typically find warranty registration, contact information, and frequently asked questions there.
Official Losi Website: www.losi.com

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