

## Skymaker MN82PRO

# Skymaker MN82PRO 1:12 4WD RC Rock Crawler Instruction Manual

Model: MN82PRO | Brand: Skymaker

## 1. IMPORTANT SAFETY INFORMATION

This product is recommended for users aged 16 years and up. Adult supervision is advised for younger users. Please read and understand all instructions before operating the RC truck.

- Always operate the RC truck in open areas, away from people, pets, and obstacles.
- Avoid operating near water, electrical wires, or busy roads.
- Do not touch moving parts during operation to prevent injury.
- Ensure the battery is fully charged before use and disconnect it when not in use.
- Use only the provided charger and battery. Improper charging can lead to fire or explosion.
- Keep small parts out of reach of children to prevent choking hazards.

## 2. PACKAGE CONTENTS

The Skymaker MN82PRO package includes the following items:

- 1x MN82PRO RC Truck (1:12 Scale Toyota LC79 Replica)
- 1x 2.4GHz Remote Control Transmitter
- 1x 7.4V 500mAh Lithium Polymer RC Car Battery
- 1x USB Charging Cable for RC Car Battery
- 1x Set of Metal Upgrade Parts (shocks, shock mounts, connecting rods, tie rods, front tie rod holders, servo arms, driveshafts)
- 1x Instruction Manual
- Various plastic accessories and decorative decals for customization.

# MN82 PRO

## TOYOTA LAND CRUISER



Figure 2.1: Skymaker MN82PRO RC Truck with remote control, battery, charging cable, and metal upgrade parts.

### 3. SETUP GUIDE

#### 3.1 Charging the RC Car Battery

1. Connect the 7.4V 500mAh Lithium Polymer battery to the provided USB charging cable.
2. Plug the USB charging cable into a compatible USB power source (e.g., computer, USB wall adapter).
3. The indicator light on the charging cable will show the charging status. Refer to the manual for specific light indications (e.g., red for charging, green for fully charged).
4. Charging typically takes approximately 1-2 hours. Do not overcharge the battery.

#### 3.2 Installing Remote Control Batteries

- The remote control requires two (2) AA batteries (not included).
- Open the battery compartment on the back of the remote control.
- Insert the AA batteries, ensuring correct polarity (+/-).
- Close the battery compartment securely.

#### 3.3 Installing the RC Car Battery

- Locate the battery compartment on the RC truck. The engine hood is openable for battery access.

- Connect the fully charged 7.4V battery to the truck's power connector.
- Carefully place the battery inside the compartment and close the engine hood.

### 3.4 Attaching Accessories and Decals

The MN82PRO comes with various plastic accessories and decals for enhanced realism. These can be attached to the truck body, such as side mirrors, a snorkel, and decorative graphics. Refer to the included instruction manual for detailed diagrams on accessory placement.



**Figure 3.1:** The MN82PRO features a linkage car light system with headlights, tail lights, turn signals, double flash, brake light, and reverse light.

## 4. OPERATING INSTRUCTIONS

### 4.1 Powering On and Pairing

1. Turn on the RC truck using the power switch located on the chassis.
2. Turn on the remote control using its power switch.
3. The remote control and truck should automatically pair. A successful connection is usually indicated by a solid light on both devices.

### 4.2 Basic Controls

- **Throttle:** Use the trigger on the remote control to move the truck forward (pull) or backward (push). The proportional throttle allows for precise speed control.
- **Steering:** Use the steering wheel on the remote control to turn the truck left or right. The proportional steering provides accurate maneuverability.

### 4.3 Driving Modes and Lights

- **Two-Speed Gearbox:** The MN82PRO features two selectable speed gears. Use the designated button on the remote control to switch between a slower, high-torque crawling mode and a faster driving mode. The remote's indicator light may flash differently to show the selected gear (e.g., twice for one gear, once for another).
- **LED Lights:** The truck is equipped with a full linkage car light system. Use the light button on the remote control to turn the headlights on or off. This system includes headlights, tail lights, turn signals, double flash, brake light, and reverse light, enhancing realism and visibility.

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**Video 4.1:** Official Skymaker video highlighting the MN82 PRO's features, including its realistic design and performance capabilities.

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**Video 4.2:** A short demonstration of the MN82 Pro RC Rock Crawler in action, showcasing its movement and lights.

## 5. MAINTENANCE

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- **Cleaning:** After each use, especially after off-road driving, clean the truck to remove dirt, dust, and debris. Use a soft brush or cloth. Avoid using water directly on electronic components.
- **Battery Care:** Store the battery in a cool, dry place. Do not leave it fully charged or fully discharged for extended periods.
- **Inspection:** Regularly inspect the truck for any loose screws, damaged parts, or worn tires. Replace damaged parts as necessary. The included metal upgrade parts can enhance durability and performance.
- **Lubrication:** Periodically check and lubricate moving parts such as gears and bearings to ensure smooth operation and longevity.



# UPGRADE MN82 PRO



Upgrade your MN82 PRO rc truck crawler with metal parts, making it more durable & performance. And you can enjoy the fun of modification. A great rc crawler that you can not miss it.

Figure 5.1: Underside of the MN82PRO, highlighting the metal upgrade parts for improved durability and performance.

## 6. TROUBLESHOOTING

- **Truck not responding:**
  - Ensure both the truck and remote control are powered on.
  - Check if the RC car battery is charged and properly connected.
  - Verify that the remote control has fresh AA batteries.
  - Re-pair the remote control and truck if necessary (refer to the remote control's specific pairing instructions).
- **Poor performance/lack of power:**
  - The RC car battery may be low. Recharge it fully.
  - Check for obstructions in the drivetrain or wheels.
  - Ensure the truck is not operating in excessively tall grass or challenging terrain beyond its capability for extended periods.
- **Steering issues:**
  - Check the steering trim on the remote control.

- Inspect the steering servo and linkages for damage or obstructions.

## 7. SPECIFICATIONS

Feature	Detail
Product Dimensions	14.17 x 6.1 x 6.1 inches
Item Weight	2.65 pounds
Model Number	MN82PRO
Scale	1:12
Drive System	4WD (Four-Wheel Drive)
Motor	280 Brushed Motor
Servo	17g Waterproof Servo
Remote Control Frequency	2.4GHz
Battery (Included)	1x 7.4V 500mAh Lithium Polymer
Remote Control Batteries (Not Included)	2x AA Batteries
Climbing Angle	Up to 46°
Ground Clearance	4cm (sump)
Recommended Age	16 years and up



Figure 7.1: Dimensions of the Skymaker MN82PRO RC Truck.

## 8. WARRANTY AND SUPPORT

Specific warranty information and direct customer support contact details are not provided in the product description. Please refer to the manufacturer's official website or contact your retailer for warranty claims and technical assistance.