Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Heng Long 3879

Henglong 1/16 Scale 7.0 Upgraded German Panther G RTR RC Tank

Model: 3879 Instruction Manual

Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Henglong 1/16 Scale 7.0 Upgraded German Panther G RTR RC Tank, Model 3879. This product is a hobby-grade remote-controlled vehicle designed for enthusiasts. Understanding its components and proper handling is crucial for optimal performance and longevity. Please read this manual thoroughly before operating your tank.



Image: The Henglong 1/16 Scale German Panther G RC Tank, showcasing its detailed camouflage finish and the accompanying remote controller.

Safety Information

Operating this RC tank requires attention to safety to prevent injury and damage. Adhere to the following guidelines:

- **Age Recommendation:** This product is suitable for individuals aged 18 years and up. It is not a toy and requires mature handling.
- **Battery Safety:** Use only the provided charger and battery. Do not overcharge or short-circuit the battery. Disconnect the battery when not in use and store it in a cool, dry place.
- **BB Pellets:** The tank fires 6mm BB pellets. Never aim at people or animals. Always wear protective eyewear when operating the tank, especially during firing.
- **Smoke Liquid:** The smoke generator uses a special liquid. Add only one drop at a time to prevent damage. Keep the liquid out of reach of children and pets. Avoid contact with skin and eyes.
- **Operating Environment:** Operate the tank in open areas, away from obstacles, water, and sensitive electronics.

Package Contents

Verify that all items listed below are included in your package:

- Henglong 1/16 Scale German Panther G RC Tank
- Radio Controller (Transmitter)
- BB Pellets (6mm)
- Infrared Combat Transmitter
- Infrared Combat Receiver
- Idle Smoking Generator (integrated)
- Smoke Liquid (availability may vary by shipping regulations)
- 1800mAh Tank Battery
- USB Universal Charger
- Accessory Kits (e.g., small parts for detailing)

Setup

1. Battery Installation

1. Locate the battery compartment on the tank, typically under a hatch on the chassis.
2. Connect the provided 1800mAh tank battery to the tank's power connector.
3. Carefully place the battery inside the compartment and secure the hatch.
4. Before first use, fully charge the battery using the supplied USB universal charger. Charging time may vary.

2. Transmitter Setup

1. Install the required batteries (not included, typically AA) into the radio controller.
2. Turn on the transmitter.
3. Turn on the tank. The tank and transmitter should automatically pair. Refer to the transmitter's specific instructions for pairing if issues arise.

3. Smoke Liquid Filling

1. Locate the smoke generator's filling port, usually on the tank's upper hull.
2. Using the provided dropper, carefully add **only one drop** of smoke liquid into the port. Overfilling can damage the smoke generator.
3. Wipe away any spills immediately.

Operating Instructions

1. Basic Controls

The radio controller allows for precise movement and function control:

- **Forward/Backward:** Use the primary joystick/lever to move the tank.
- **Turning (Pivot Steering):** The tank utilizes pivot steering. Moving one track forward and the other backward allows for turning in place.
- **Speed Control:** The 7.0 mainboard offers variable speed control.

2. Firing Mechanism

Your tank is equipped with a realistic firing system:

- **Loading BB Pellets:** Open the BB loading hatch (usually on the turret) and carefully load 6mm BB pellets.

- **Firing:** Press the designated firing button on the transmitter. The tank will simulate a firing sound and a hull-recoil action.
- **Range:** The firing range is approximately 20 meters.

3. Turret Control

Control the tank's turret and barrel for aiming:

- **Turret Rotation:** Use the designated controls to rotate the turret almost 340 degrees.
- **Barrel Elevation:** Adjust the barrel's angle up and down by almost 30 degrees.

4. Smoke Function

Activate the smoke generator for added realism:

- **Activation:** Use the designated button on the transmitter to turn the smoke function on or off.
- **Smoke Output:** The tank will emit smoke from the 'engine' area. Smoke output increases as the tank moves faster.

5. Infrared Combat System

Engage in multi-player tank battles:

- The tank is equipped with an infrared combat transmitter and receiver.
- Multiple Henglong tanks with compatible infrared systems can engage in simulated combat. Refer to the infrared combat system's specific instructions for battle rules and scoring.

Maintenance

Regular maintenance ensures the longevity and performance of your RC tank.



Image: A detailed view of the tank's metal tracks and road wheels, highlighting the robust construction.

1. Cleaning

- After each use, especially outdoors, clean the tank to remove dirt, dust, and debris.
- Use a soft brush or cloth. Avoid using water directly on electronic components.

2. Track Maintenance

- Inspect the metal tracks for any damage or debris lodged between the links.
- Ensure the sprocket and idler wheels are clean and free-moving.

3. Gearbox Inspection

- Periodically check the steel gears driving gearbox for wear or foreign objects.
- Lubricate moving parts as recommended by hobby-grade RC maintenance practices.

4. Battery Care

- Always fully charge the battery before use.
- Do not leave the battery connected to the tank when not in use.
- For long-term storage, charge the battery to approximately 50% and store in a cool, dry place.

Troubleshooting

This section addresses common issues you might encounter:

Problem	Possible Cause	Solution
Tank does not power on	Battery not charged or connected; Power switch off	Charge battery; Ensure battery is connected; Turn on power switch on tank and transmitter
Tank not responding to remote	Transmitter batteries low; Not paired; Interference	Replace transmitter batteries; Re-pair tank and transmitter; Move to an area with less interference
BB pellets not firing	No pellets loaded; Jammed mechanism; Firing safety engaged	Load pellets; Clear any jams (power off first); Disengage safety if applicable
Smoke generator not working	No smoke liquid; Overfilled; Generator malfunction	Add one drop of smoke liquid; Ensure not overfilled; Contact support if malfunction persists
Tank overheats and stops	Prolonged heavy use; Smoke effects/sounds causing strain	Allow tank to cool down before resuming operation. Reduce continuous heavy load.

As a hobby-grade product, some issues may require user maintenance or replacement of parts. Refer to online hobby forums or contact the seller for advanced troubleshooting.

Specifications

- **Model:** German Panther G (3879)
- **Scale:** 1/16
- **Mainboard Version:** 7.0 (provides 2 sound options)
- **Dimensions:** 27 x 12 x 10 inches
- **Item Weight:** 12 pounds
- **Tracks:** Metal
- **Gearbox:** Steel gears driving gearbox
- **Battery:** 1800mAh (upgradeable)
- **BB Pellets:** 6mm
- **Firing Range:** 20 meters
- **Turret Rotation:** Approximately 340 degrees
- **Barrel Elevation:** Approximately 30 degrees
- **Features:** Infrared combating system, realistic sound effects, hull-recoil action, LED lights, idle smoking function.

Warranty and Support

For any questions, technical assistance, or warranty claims regarding your Henglong RC Tank, please contact the seller directly. As a hobby-grade product, ongoing maintenance and occasional part replacement may be necessary. The seller, Toucan RC Hobby, can provide guidance and support for your product.
Please retain your proof of purchase for any warranty-related inquiries.

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

Open the live page

https://manuals.plus/asin/B07TTFR17Z

More documents and user manuals: **https://manuals.plus/**