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MEUS RACING ME-10B

MEUS RACING ME-10B RC Transmitter & Receiver User Manual

Model: ME-10B

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MEUS RACING ME-10B 10-Channel 2.4GHz RC Transmitter and Receiver. Designed for a wide range of RC vehicles including crawlers, cars, and boats, this system offers stable performance, extensive functionality, and user-friendly design. Please read this manual thoroughly to ensure proper use and to maximize the performance of your RC system.



The MEUS RACING ME-10B RC Transmitter and its accompanying receiver.

SETUP

What's in the Box

- ME8B Transmitter
- Receiver Kit
- 1 AAA battery (included for transmitter operation)

Battery Installation

The transmitter requires 1 AAA battery for operation. Locate the battery compartment on the back of the transmitter, open it, and insert the battery, ensuring correct polarity. Close the compartment securely.

Binding the Transmitter and Receiver

To establish a connection between your ME-10B transmitter and receiver, follow these steps:

1. Ensure both the transmitter and receiver are powered off.
2. Connect the receiver to a power source (e.g., ESC with BEC or a separate receiver battery).
3. Press and hold the BIND button on the receiver while powering it on. The receiver's LED will flash rapidly.
4. Release the BIND button.
5. Power on the ME-10B transmitter.
6. The receiver's LED should turn solid, indicating a successful bind.
7. Test the controls to confirm proper functionality.



One-hand Operation Design
Two Color Wheel
Simulated Brake Disc

8 Optional Channels

-
- 2 x Konb-channels
- 1 x 3-Gear-channel
- 5 x Button-channels



Lock Function
Auto-Off
Rechargeable Design

—
Avoid misoperation
Automatically turns off after 15mins
of no operations



The ME-10B transmitter and its compact receiver, ready for binding.

Language Setting

The ME-10B transmitter features a color screen with a clear user interface. If the display language is not English, you can change it through the system settings.

Video demonstrating how to change the language setting on the ME-10B transmitter from Chinese to English for easier navigation.

OPERATING INSTRUCTIONS

The MEUS RACING ME-10B transmitter offers 10 channels for flexible control of your RC vehicle. It features a 3.15-inch color screen for real-time parameter display and various advanced functions.



Overview of key features including 2.4GHz technology, color screen, Coach Mode, Cruise Control, and Fail Safe.

Channel Functions

Beyond basic throttle and steering, the ME-10B includes:

- One 3-gear channel
- Two knob-channels (VRA, VRB)
- Five button-channels (SWA, SWB, SWC, SWD, SWE)

Clear UI for Accurate Remote Control

Get real-time parameter of each channel at a quick glance

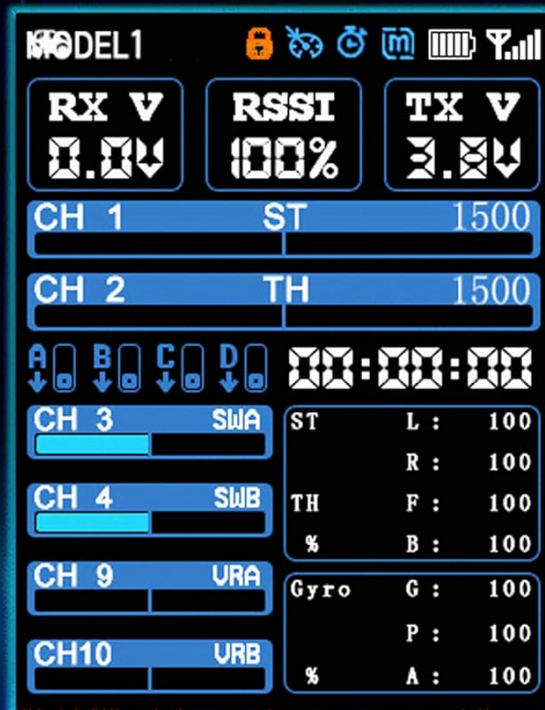


Illustration of the 8 optional channels available on the ME-10B transmitter, including knob and button channels.

Clear UI and Real-time Data

The color screen provides a clear user interface, allowing you to monitor real-time parameters of each channel at a glance. This includes RX voltage, RSSI, TX voltage, and channel positions.

Got Everything You need

Comes with massive functions to meet different needs



A detailed view of the transmitter's color screen displaying real-time channel data and system information.

Light Control Functionality

The ME-10B transmitter supports advanced light control for your RC vehicle. This video demonstrates how to use and configure the light control features.

Video tutorial on how to use the light control feature with the ME-01A 8CH receiver, including emergency lights, headlights, and flashing lights.

Coach Mode

The Coach Mode allows two transmitters to control one RC vehicle simultaneously. One transmitter acts as the priority controller, making it ideal for training new users or engaging in parent-child activities.

Coach Mode for Training or Parent-child Activity

Allowing 2 transmitter to control one car together with one priority transmitter

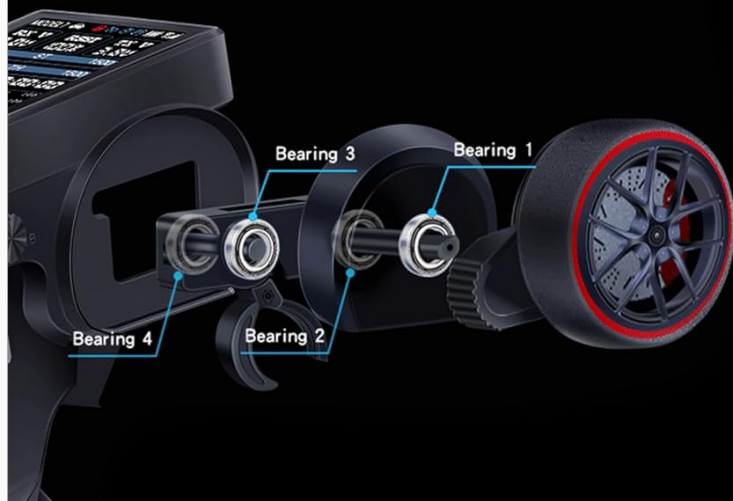


Illustration of two transmitters being used in Coach Mode to control a single RC vehicle, facilitating shared control and training.

Ergonomics and Smooth Operation

The transmitter is designed for comfortable and precise control. It features a 4-bearing structure wheel for accurate control and an anti-slip trigger with adjustable force and position.

Designed for Smoother Operation



4 bearings structure provides accurate control and ensures longer lifespan of the wheel



Ergonomics Design

Detailed view highlighting the 4-bearing structure wheel and adjustable anti-slip trigger for enhanced control and comfort.

All-Terrain Compatibility

The ME-10B transmitter and receiver kit is suitable for various RC models and terrains, including off-road, on-road, RC crawlers, short course cars, boats, and motorcycles, across scales like 1/5, 1/8, 1/10, 1/18, and 1/24.

All Terrains Available



Examples of RC vehicles and terrains compatible with the ME-10B system, including off-road trucks, motorcycles, RC boats, and short course cars.

MAINTENANCE

Cleaning

Regularly clean the transmitter and receiver with a soft, dry cloth. Avoid using harsh chemicals or solvents that could damage the plastic or electronic components. Ensure no dust or debris accumulates in the control surfaces or ports.

Storage

When not in use, store the transmitter and receiver in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, remove the AAA battery from the transmitter to prevent leakage.

Battery Care

The ME-10B transmitter is rechargeable. Use the appropriate charging cable and power source as recommended by

the manufacturer. Avoid overcharging or completely draining the battery to prolong its lifespan. If the transmitter has a built-in rechargeable battery, ensure it is charged periodically even when not in use to maintain battery health.

TROUBLESHOOTING

Common Issues and Solutions

- **No Power to Transmitter:** Check if the AAA battery is correctly installed and has sufficient charge. Ensure the power button is pressed firmly.
- **No Signal/Loss of Control:** Verify that the transmitter and receiver are properly bound. Check the distance between the transmitter and receiver; the maximum remote control distance is 300 meters on ground and 800 meters in air. Ensure there are no major obstructions or strong interference sources.
- **Controls Not Responding Correctly:** Recalibrate the controls if necessary. Check for any physical obstructions on the steering wheel or throttle trigger. Ensure the Fail Safe function is not active unexpectedly.
- **Display Language Issue:** If the display is not in English, refer to the 'Language Setting' section under 'Setup' to change it.
- **Receiver Not Waterproof:** As noted by users, the receiver is not designed to be waterproof. Avoid exposing it to water or moisture. If it gets wet, disconnect power immediately and allow it to dry completely before attempting to use it again.

SPECIFICATIONS

Feature	Detail
Product Dimensions	1 x 0.99 x 1 inches (Transmitter)
Item Weight	14 ounces
Channels	10 Channels (including 1x 3-gear, 2x knob, 5x button)
Frequency	2.4GHz
Response Time	Within 3 seconds
Control Distance (Ground)	Max. 300 meters
Control Distance (Air)	Max. 800 meters
Display	3.15-inch Color Screen
Power Source	1 AAA battery (included), rechargeable design
Recommended Age	14 years and up

Unit: mm



Technical drawing showing the dimensions of the ME-10B transmitter and receiver in millimeters.

WARRANTY

For detailed warranty information regarding your MEUS RACING ME-10B RC Transmitter and Receiver, please refer to the manufacturer's official website or contact their customer support directly. Warranty terms and conditions may vary by region and retailer.

SUPPORT

If you encounter any issues or have questions not covered in this manual, please contact MEUS RACING customer support. You can typically find contact information on the product packaging, the manufacturer's official website, or through the retailer where you purchased the product.

