

Kyosho 82260

Kyosho WR-010 iReceiver WiFi Radio Control System User Manual

INTRODUCTION

The Kyosho WR-010 iReceiver is an advanced 6-channel Wi-Fi control system designed to enable the control of various R/C models, including cars, boats, airplanes, helicopters, and tracked vehicles, directly through your smartphone, tablet, or PDA. This ultra-small and lightweight unit, weighing approximately 10g, replaces a standard R/C receiver, offering an evolutionary step in model control by leveraging your existing Wi-Fi environment for stable wireless LAN operation.

This manual provides essential information for the proper setup, operation, and maintenance of your Kyosho WR-010 iReceiver, ensuring a safe and enjoyable experience.

PRODUCT OVERVIEW



An image showing the compact Kyosho WR-010 iReceiver unit, which enables Wi-Fi control of RC models via smartphones and tablets.

The Kyosho WR-010 iReceiver allows you to transform your smart device into a sophisticated remote control. It supports up to 6-channel control and offers various customizable settings for precise model operation. Additionally, it features a connector for an optional micro-camera unit, enabling real-time video streaming to your smartphone and recording capabilities, providing an immersive first-person view experience.

WHAT'S IN THE BOX

- Kyosho WR-010 iReceiver Unit
- USB Cable
- Extension Board
- Connector for special camera unit
- Tablet Cable
- Smartphone Cable

SPECIFICATIONS

Feature	Detail
Product Dimensions	2 x 1 x 1 inches

Item Weight	2.08 ounces (0.13 Pounds)
Model Number	82260
Manufacturer Recommended Age	14 years and up
Connectivity Technology	USB, Wi-Fi
Power Source	Battery Powered
Material	Plastic
Compatible Devices	Smartphone, Tablet (Apple iOS Series: iOS7, iPhone4S/5/5S/5C, iPad Retina model, iPad mini)

SETUP

- 1. Install the iReceiver:** Replace your standard R/C receiver with the Kyosho WR-010 iReceiver unit in your model. Ensure it is securely mounted and connected to your model's power source and servos according to your model's specific wiring diagram.
- 2. Download the App:** Download the official Kyosho iReceiver control application from your device's app store. The app is available for various R/C model categories (cars, boats, airplanes, helicopters, tracked vehicles).
- 3. Connect via Wi-Fi:** Power on your R/C model with the iReceiver installed. On your smartphone or tablet, go to your Wi-Fi settings and connect to the iReceiver's Wi-Fi network.
- 4. Launch the App:** Open the iReceiver control app. The app should detect the connected iReceiver.
- 5. Initial Configuration:** Follow the on-screen prompts within the app for initial setup, including channel assignment and calibration.

Note: The iReceiver operates within a Wi-Fi environment. Ensure you are within range of the iReceiver's Wi-Fi signal for stable control. For Apple iOS devices, compatible OS is iOS7, and portable devices include iPhone4S/5/5S/5C, iPad Retina model, and iPad mini.

OPERATING INSTRUCTIONS

Once the iReceiver is set up and connected, you can begin controlling your R/C model using the touch screen interface on your smart device.

- **Basic Control:** Move the control stick and lever icons on your touch screen. The app provides the same control response as a standard transmitter. Up to 6-channel control is possible.
- **Optional Camera Unit:** If you have the optional micro-camera unit, connect it to the designated port on the iReceiver. The app will display the camera's real-time feed on your smartphone, allowing you to drive your model from a first-person perspective. Video data can be recorded and saved directly to your smartphone.
- **Adjustable Settings:** The iReceiver app offers a variety of setting features to customize your control experience:
 - **Speed Adjustment:** Adjust the maximum speed to 100%, 70%, 50%, or 30% (4-stage) for easier control, especially for beginners.
 - **EPA (End Point Adjustment):** All, independent left/right control volume adjustment.

- **Dual Rate:** Adjust the sensitivity of control inputs.
 - **Exponential:** Fine-tune control response around the center stick position.
 - **Channel Mixing:** Combine control inputs from multiple channels.
 - **Digital Trim & Sub Trim:** Make fine adjustments to neutral positions.
 - **Individual Reverse Switch:** Reverse the direction of each channel independently.
 - **Failsafe:** Configure safety settings in case of signal loss.
- **Feedback and Utilities:** The app can confirm stick (lever) position with vibration, measure lap times, and includes a timer function.
 - **Model Memory:** The system supports a 40-model memory bank, allowing you to save settings for multiple R/C models.

MAINTENANCE

- **Cleaning:** Keep the iReceiver unit clean and free from dust and debris. Use a soft, dry cloth for cleaning. Avoid using harsh chemicals or solvents.
- **Storage:** When not in use, store the iReceiver in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from damage.
- **Software Updates:** Regularly check for updates to the iReceiver control app to ensure optimal performance and access to new features.

TROUBLESHOOTING

- **No Connection to iReceiver:**
 - Ensure the iReceiver is powered on and correctly installed in your model.
 - Verify that your smart device's Wi-Fi is enabled and connected to the iReceiver's network.
 - Restart both your smart device and the R/C model.
- **Unresponsive Controls:**
 - Check the battery levels of your R/C model and smart device.
 - Ensure you are within the effective range of the Wi-Fi signal. Obstacles can interfere with the signal.
 - Verify that the app settings for channel assignment and calibration are correct.
- **Video Feed Issues (with optional camera):**
 - Ensure the camera unit is securely connected to the iReceiver.
 - Check for sufficient Wi-Fi bandwidth and signal strength.
 - Close other applications on your smart device that might be consuming resources.
- **App Crashing or Freezing:**
 - Ensure your smart device meets the minimum OS requirements (e.g., iOS7 for Apple devices).
 - Clear the app's cache or reinstall the application.
 - Ensure your device has enough free storage space.

If you encounter persistent issues not covered here, please refer to the support section.

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official Kyosho website. Kyosho Corporation of America manufactures this product.

If you require technical assistance, have questions about product functionality, or need to report a defect, please contact Kyosho customer support. Contact details can typically be found on the official Kyosho website or in your product packaging.

Please have your product model number (82260) and purchase details ready when contacting support.

OFFICIAL PRODUCT VIDEOS

No official product videos from the seller were provided in the product data for embedding in this manual.