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› RadioMaster Boxer Crush EdgeTX 2.4G 16CH Transmitter User Manual

RadioMaster Boxer Crush

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Model: Boxer Crush | Brand: RadioMaster

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your RadioMaster Boxer Crush EdgeTX 2.4G 16CH Transmitter. Please read this manual thoroughly before using the device to ensure proper setup, operation, and maintenance.

The RadioMaster Boxer Crush is a high-performance radio control transmitter featuring the EdgeTX operating system and an internal ExpressLRS RF module. It is designed for precision control and reliability in various RC applications.

WHAT'S IN THE BOX

- RadioMaster Boxer Crush Transmitter
- USB-C Cable
- Adjustable T-shape Antenna
- Quick Start Guide
- Sticker Set
- (Optional) Carrying Case



Image: The RadioMaster Boxer Crush transmitter in green, shown with its carrying case, USB-C cable, and other accessories.

SETUP

1. Battery Installation

The Boxer Crush is designed to accommodate a 2S 6200mAh battery pack (not included) for extended operation. Ensure correct polarity when installing the battery.

Your browser does not support the video tag.

Video: This video demonstrates the battery installation process for the Radiomaster Boxer M2 ELRS Portable RC Transmitter, showing how to open the battery compartment and connect the battery.

2. Antenna Attachment

Attach the adjustable and removable T-shape antenna to the designated port on the top of the transmitter. The antenna can be folded for easy transport.

3. Initial Power On and Calibration

Press and hold the power button to turn on the transmitter. Follow the on-screen prompts for initial setup. It is crucial to perform joystick calibration for accurate control. Refer to the video below for a calibration guide.

Your browser does not support the video tag.

Video: This video provides a step-by-step guide on how to calibrate the remote control, demonstrating the joystick movements and menu navigation required for accurate setup.

OPERATING INSTRUCTIONS

EdgeTX Firmware

The Boxer Crush comes preinstalled with EdgeTX firmware, offering a highly customizable and user-friendly interface. Navigate through menus using the system buttons (SYS, RTN, PAGE>, PAGE<, TELE) and the scroll wheel.

ExpressLRS RF System

The internal ExpressLRS module supports a 1,000Hz refresh rate, providing ultra-low latency control. Ensure your receiver is compatible with ExpressLRS and properly bound to the transmitter.

AG01 Hall Gimbals

The CNC Aluminum AG01 Hall-effect Gimbals provide precise and smooth control. These gimbals are known for their durability and accuracy, enhancing your flying experience.



Image: Front view of the RadioMaster Boxer Crush transmitter in Cherry Red, showcasing the AG01 Hall Gimbals and the overall control layout.

Switches and Buttons

- **Low-profile Latching SE Switch:** For functions requiring a persistent on/off state.
- **Momentary SF Switch:** For functions requiring a temporary activation.
- **Programmable RGB Buttons:** Six configurable buttons for custom functions and visual feedback.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the transmitter. Avoid using harsh chemicals or solvents.
- **Firmware Updates:** Regularly check the official RadioMaster website for firmware updates to ensure optimal

performance and access to new features. Updates can be performed via the single USB-C connector.

- **Battery Care:** Store the battery in a cool, dry place. Do not overcharge or over-discharge the battery.
- **Storage:** When not in use, store the transmitter in its protective carrying case to prevent damage.

TROUBLESHOOTING

- **Transmitter not powering on:** Check battery connection and charge level. Ensure the battery is properly installed.
- **No control response:** Verify that the receiver is correctly bound to the transmitter and that the drone's flight controller is configured for the correct protocol. Re-calibrate gimbals if necessary.
- **Intermittent signal:** Ensure the antenna is securely attached and fully extended. Avoid operating near sources of strong electromagnetic interference.
- **Screen issues:** If the screen is unresponsive or displaying incorrectly, try restarting the transmitter. If the issue persists, check for firmware updates.

SPECIFICATIONS

Feature	Detail
Model	Boxer Crush EdgeTX 2.4G 16CH Transmitter
Brand	RadioMaster (Manufactured by Xiangtat)
Gimbals	CNC Aluminum AG01 Hall-effect Gimbals
Firmware	EdgeTX (Preinstalled)
RF System	Internal ExpressLRS Module (1,000Hz refresh rate)
Dimensions	5 x 4 x 3 inches
Recommended Age	15 years and up
Battery Compatibility	2S 6200mAh pack (not included)
Charging	USB-C with Smart Balance Charging

WARRANTY INFORMATION

This product is covered by a manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official RadioMaster website for detailed warranty terms and conditions. Keep your proof of

purchase for warranty claims.

SUPPORT

For technical support, troubleshooting assistance, or general inquiries, please visit the RadioMaster official website or contact their customer service team. Online resources, FAQs, and community forums are also available to help you get the most out of your transmitter.
Official Website: www.radiomasterrc.com

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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