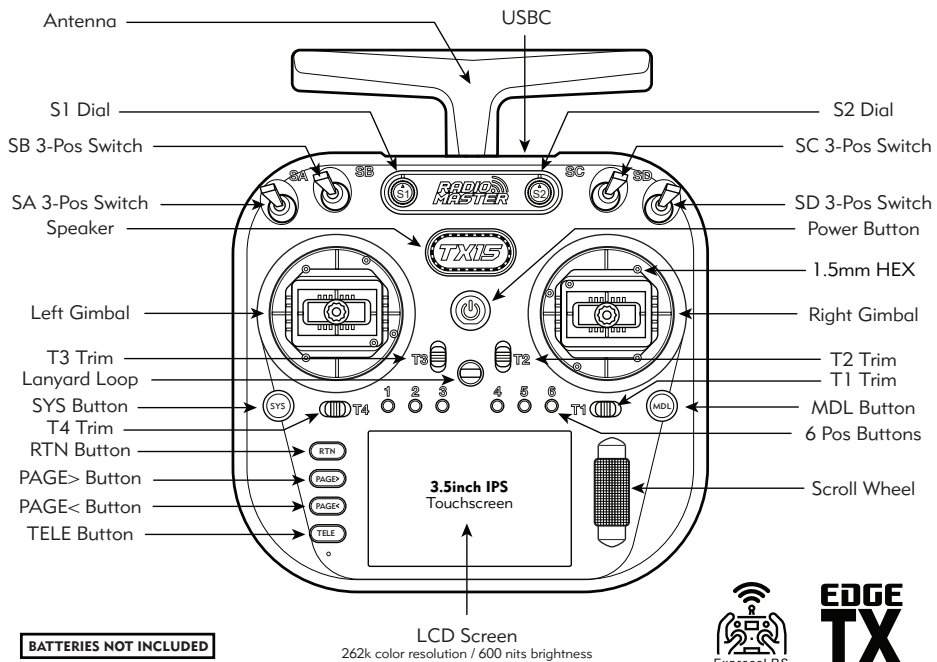




2.4
GHZ

Quick Start Guide

Voltage Range
6.6-8.4V DC

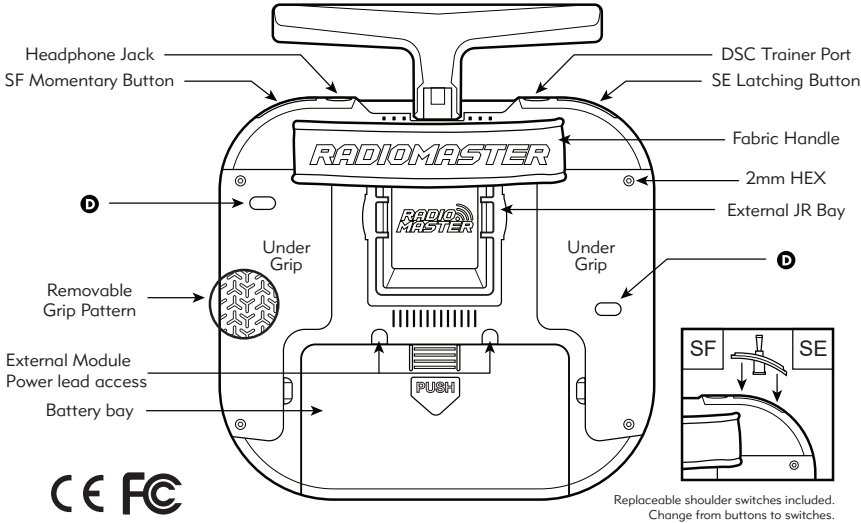


BATTERIES NOT INCLUDED



SPECIFICATIONS

• Item:	TX15 / TX15 MAX Radio	• Gimbals:	V5 or AG02
• Size:	178*168*81mm	• Control distance:	Max 2Km
• Weight:	605g / 672g MAX (without battery)	• Channels:	Max 16 channels (RX dependent)
• Frequency:	ISM 2.4GHz or Sub-G 900	• Battery Options:	7.4V 2-cell Lithium-Polymer or 2x 3.7V 18650 Lithium-Ion
• Max Current:	875mA	• LCD Screen:	3.5inch IPS Touchscreen
• Voltage Range:	6.6-8.4V DC	• External module:	JR bay
• Firmware:	EdgeTX (requires version 3.0.0 or later)	• Upgrade Method:	USB
• Wireless Firmware:	ExpressLRS		
• Gimbal Sticks	M4		



	A L-R Mode-1, 2 CW to disable self-centering, CCW to enable	B Vertical tension (Up-Down) CW to increase, CCW to decrease.	C Horizontal tension (Left-Right) CW to increase, CCW to decrease.
	D Throttle Stick tension CW to increase, CCW to decrease.	E Up Stick Travel (38-54° degrees) CW to decrease, CCW to increase.	F Down Stick Travel (38-54° degrees) CW to decrease, CCW to increase.

FCC ID: 2BBP3-TX15

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1 This device may not cause harmful interference.
- 2 This device must accept any interference received, including interference that may cause undesired operation.

Warning: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy. If not installed and used per the instructions, it may cause harmful interference to radio

communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception (which can be determined by turning the equipment off and on), the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit that is different from the one to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. It should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

INTRODUCTION

Thank you for choosing the RadioMaster TX15, a versatile remote control system featuring dual-band capabilities with 2.4GHz technology. Whether you're a beginner or a seasoned professional, the TX15 is designed to meet your needs, offering precision, flexibility, and reliability.

Please read this guide carefully before operating your new remote to ensure safe and optimal use. We may release updated versions of this manual as we continually enhance our software and hardware. For the latest information and resources, please visit our website. The TX15 is compatible with many applications, including fixed-wing aircraft, gliders, helicopters, cars, boats, robotics, multi-rotor aircraft, and more. If you can build it, the TX15 can control it! Powered by the robust EdgeTX platform, the TX15 is equipped for seamless integration with your projects.

Follow the links for more detailed guides, firmware updates, and additional resources.

-The RadioMaster team

SAFETY INFORMATION

Many remote-control models are equipped with powerful motors and sharp propellers. When using or maintaining models, proceed with caution. When performing assembly or maintenance, make sure to disconnect the power to the model and remove the propellers.

Do not operate the TX15 remote control system under the following conditions:

- In severe weather or strong windy conditions, such as rain, hail, snow, storms or electromagnetic environments.
- In any situation where visibility is limited.
- In areas where people, property, high-voltage power lines, public roads, vehicles or animals may be present.
- If you feel tired or unwell, or under the influence of drugs or alcohol.
- If the remote control or model seems to be damaged or not working properly.
- In areas with high 2.4GHz interference or where 2.4GHz radio is prohibited.
- When the radio's battery voltage is too low to be used.
- In areas where local regulations prohibit the use of aviation models.

IMPORTANT

ANTENNA: Install the provided antenna in the top of the radio BEFORE installing batteries and turning on the radio. **DO NOT** operate the radio without the antenna installed and the internal RF module powered on. Doing so will damage the internal RF module and will not be covered under warranty.

FIRMWARE: The TX15 is pre-installed with the most stable firmware at the factory at time of release. please only attempt to update the firmware if you are confident in the process. Incorrect firmware updates may cause the remote control to become inoperable.

MANUAL & FIRMWARE DOWNLOAD

TX15 is pre-installed with factory approved EdgeTX firmware. To download the latest software manual, please visit the RadioMaster website: www.radiomasterrc.com

Further firmware information:
EdgeTX: www.edgetx.org
ExpressLRS: www.expresslrs.org

BATTERIES & CHARGING

TX15 has a built-in USB-C charging function for 3.7V lithium batteries. The charging circuit is only designed to charge 2x 3.7V Li-ion 18650 or 2x 3.7V Li-Poly batteries (2s 7.4v Lipo battery pack), the nominal battery voltage is 3.7V, the charged voltage is 4.2V/Cell.

DO NOT use LiFe battery packs or 18650 lithium-ion batteries with a nominal voltage of 3.6v with a fully charged voltage of 4.10V. Charging the incorrect type of battery may damage the charger or cause a fire.

If using Li-ion, ensure the cells are not protected and are button-top cells.

Please check the voltage and condition of the battery regularly and never charge unattended. Always charge in a safe area away from combustible materials. Refrain from charging if the remote control gets wet or damaged in any way. **DO NOT** charge with the polarity reversed.

RadioMaster does not assume any responsibility for any adverse consequences caused by the use or misuse of this product.

MODEL & PROTOCOL SELECTION

ExpressLRS Version

The TX15 is equipped with a built-in dual-band, dual-frequency ExpressLRS RF module, offering compatibility with a wide range of receivers:

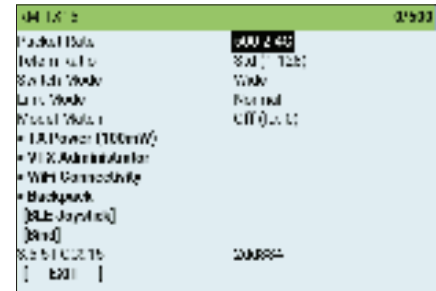
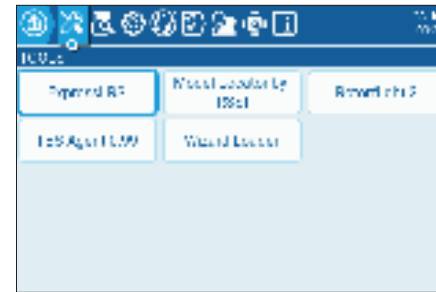
- 2.4GHz receivers

Packet Rate Selection:

To select the appropriate Packet Rate on your TX15 remote control, follow these options based on the receiver type:

- 50Hz-500Hz 2.4G:

For binding with any ExpressLRS 2.4GHz receiver.



BIND INSTRUCTIONS

1. **TURN OFF** the transmitter.
2. Cycle power to the receiver 3 times, the receiver LED will flash twice - indicating bind mode.
3. **TURN ON** the transmitter, press the **SYS** button and choose **ExpressLRS LUA** under the **TOOLS** menu. Scroll to **[Bind]** and press enter.
4. The LED on the receiver should now be solid, indicating a successful bind.

WARRANTY & REPAIR

If you experience any issues with your TX15 hardware, please retain your proof of purchase for warranty purposes. To initiate a warranty claim or seek repair assistance, follow these steps:

1. **Contact Your Retailer:** Contact the retailer where you purchased your TX15 for warranty support.
2. **Visit Our Warranty Support Page:** For additional assistance or to contact our support team, visit RadioMaster Warranty Support: www.radiomasterrc.com/contact

ANTENNA SEPARATION DISTANCE

When operating your RadioMaster transmitter, please be sure to maintain a separation distance of at least 20 cm between your body (excluding fingers, hands, wrists, ankles and feet) and the antenna to meet RF exposure safety requirements as determined by FCC regulations.

CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This product contains a radio transmitter with wireless technology which has been tested and found to be compliant with the applicable regulations governing a radio transmitter in the 2.400GHz to 2.4835GHz frequency range.

EU SIMPLE DECLARATION OF CONFORMITY

RadioMaster declares the radio equipment TX15 is in compliance with EU directives Directive 2014/53/EU.

Manufacturer by

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Xin'an Street, Baoan District, Shenzhen, Guangdong



WWW.RADIOMASTERRC.COM