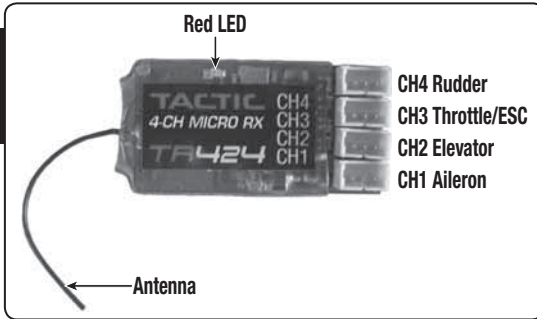


TR424

2.4GHz 4-CHANNEL MICRO Rx



This micro receiver is intended for small electric aircraft. Its SLT protocol makes it compatible with all Tactic brand 2.4GHz aircraft transmitters, and other brand radios that include the SLT protocol. Micro servo connectors help to achieve the smallest size and weight.

OVERVIEW AND INSTALLATION

Refer to the instructions with the aircraft to determine the optimum position for installing the receiver. In some aircraft it's recommended to first wrap the receiver in protective foam, and then use hook-and-loop material to mount it to the aircraft.



IMPORTANT! Pay close attention to how the receiver/antenna is oriented inside the model. It's best to keep the antenna unobstructed from the outside of the model as much as possible.

LINK THE RECEIVER TO THE TACTIC/SLT COMPATIBLE TRANSMITTER

Linking the TR424 receiver to the Tactic / SLT compatible transmitter ensures sole communication between the two, and prevents other transmitters from being able to control the receiver. The TR424 includes an auto-linking process (no linking pushbutton). For best results, link the TR424 to the intended transmitter before arriving at the flying site, then remove power. The linking procedure is as follows:



WARNING! Do NOT apply power to the receiver before the intended transmitter is turned on! Otherwise, the TR424 may try to auto-link with another transmitter in the area which might also be broadcasting an SLT signal. Failure to do so could result in the model's motor/propeller suddenly starting to spin unexpectedly, and cause bodily injury.

1. Turn on the Tx.
2. Apply power to the Rx.
3. The TR424 should automatically link to the transmitter, as indicated by the receiver's LED flashing once and then staying on. This link should remain intact even after power is removed from the receiver.
4. Test for proper Tx/Rx functionality before use. If the radio doesn't appear to have become properly linked, repeat steps 1–3 above. Remember that the TR424 receiver will link to the nearest Tactic SLT transmitter which is broadcasting a signal. If the TR424 is not pre-linked to the proper Tx, make sure to move to a location where the TR424 cannot see a signal from other SLT transmitters and re-link the Rx to the proper Tx.

If the Rx suddenly doesn't recognize a signal from the Tx, or the Rx is powered without the transmitter being turned on or no other SLT transmitter in the area is broadcasting a signal, the receiver will go to failsafe mode as described in the following section.

FAILSAFE FUNCTION

The radio system's failsafe function is controlled by the TR424 receiver, which engages in the event that the signal from the Tx somehow becomes interrupted.



IMPORTANT: The TR424's failsafe settings are established EACH TIME power is applied and the TR424 is linked to a host transmitter. Channels 1, 2, and 4 (aileron, elevator, rudder) will always hold their last recognized position when failsafe activates. **But the position of the throttle channel can be set to any desired position. Each time before power is applied to the TR424, make sure the Tx throttle stick is in the desired position for throttle control to automatically deflect in the event the TR424 goes to failsafe mode. Before each flight, it's a good idea to safely check to make sure the model's throttle position moves to the proper level when failsafe activates.** Make sure the throttle channel's servo reverse setting is in the correct position for the application.

SYSTEM AND RANGE CHECK

Check the instruction manual included with the Tactic radio for the proper steps to perform a system check before flight. The TR424 receiver has an operating range of approximately 800 feet (250 meters) if the receiver/antenna are unobstructed by other components in the airplane, or approximately 280 feet (85 meters) if obstructed. Leave the Rx antenna as unobstructed by other components as much as possible.



WARNING! Always make sure that power is applied to the transmitter BEFORE applying power to the receiver and servos, and the Tx throttle stick is at minimum (idle) position. Failure to do so could result in the model becoming uncontrollable and cause a safety hazard. It's best to check the system with the propeller removed from the aircraft.

Always perform a signal range check to ensure a good link exists between the transmitter and receiver at distance. Once flight is complete, immediately disconnect power from the aircraft before removing power from the transmitter.

FCC 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.

CE COMPLIANCE INFORMATION FOR THE EUROPEAN UNION

Instructions for Disposal of Waste Equipment by Private Users in the European Union:



This symbol on the product or its packaging indicates this product must not be disposed of with other household waste. Instead, it is the user's responsibility to dispose of their waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or location where you purchased the product.

Declaration of Conformity:

Product: Tactic TR424 2.4GHz 4-Channel Micro Receiver
Item number: TACL0424



The object of the declaration described here is in conformity with the requirements of the specifications listed below, following the provisions of the European 2006/95/EC Low Voltage Directive:

EN 60950-1:2006+A11:2009+A1:2010+A12:2011 Safety

The object of the declaration described here is in conformity with the requirements of the specifications listed below, following the provisions of the European R&TTE Directive 1995/5/EC:

EN 300 328 V1.8.1 Technical requirements for radio equipment
EN 301 489-1 V1.9.2 General EMC requirements for radio equipment
EN 301 489-17 V2.2.1
EN 62479:2010 SAR evaluation

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SPECIFICATIONS

Channels: 4

Receiving frequencies: 2.403 – 2.480GHz

Modulation: SLT 2.4GHz FHSS

Compatibility: Tactic 2.4GHz or SLT 2.4GHz transmitters

Antenna: Single 30mm

Input power requirement: 4.20 – 5.00V

Range: 800ft (250m) unobstructed, 280ft (85m) obstructed

FailSafe: Throttle position settable, other channels hold

Dimensions: 1.14 x 0.59 x 0.24" (29 x 15 x 6mm)

Weight: 0.060 oz. (1.7g)

1-YEAR WARRANTY

Tactic warrants this product to be free from defects in materials and workmanship for a period of one (1) year from the date of purchase.

For service on your Tactic product if purchased in the **U.S.A. or Canada**, send it postpaid and insured to:

HOBBY SERVICES
3002 N. Apollo Dr., Suite 1
Champaign, IL 61822
Tel: (217) 398-0007 (9:00am - 5:00pm CST, M-F)
E-mail: hobbyservices@hobbico.com

For service on your Tactic product if purchased in the **European Union**, send it postpaid and insured to:

Service Abteilung Revell GmbH
Henschelstrasse 20-30
32257 Bünde Germany
Tel: 01805 110111 (nur für Deutschland)
Email: Hobbico-Service@Revell.de

- This product is suitable only for people of 14 years and older. This is not a toy!
- **WARNING: CHOKING HAZARD** - May contain small parts. Keep away from children under 3 years. Please retain packaging for future reference.
- No part of this manual may be reproduced in any form without prior permission.
- The contents of this manual are subject to change without prior notice.
- Tactic is not responsible for the use of this product.

Distributed in the EU by Revell GmbH, Bünde Germany

TACL0424 v2 Made in China

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