



TACTIC™
PURE RELIABLE 2.4

TR825

Tactic's TR825 8 channel receiver is capable of full-range operation for any aircraft type. Its SLT protocol makes it compatible with all Tactic brand 2.4GHz aircraft transmitters, and other brand radios that include the SLT protocol. Twin receiving antennas allow for optimum signal reception and clarity.

TR825
2.4GHZ 8-CHANNEL TWIN ANTENNA RECEIVER

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 antenna tips are routed inside the model. It's best to orient the antenna tips at least 5 inches away from each other, preferably pointing at 90 degree angles. If possible, align one antenna tip horizontally and the other vertically inside the model.

LINK THE RECEIVER TO THE TACTIC/SLT COMPATIBLE TRANSMITTER

Linking the TR825 receiver to the Tactic / SLT compatible transmitter ensures sole communication between the two, and prevents other transmitters from being able to control the receiver.

1. Turn on the Tx.
2. Apply power to the Rx.



WARNING: Make sure the Rx battery is fully charged before flight! If during flight you suspect battery power is becoming low, land the aircraft as soon as possible and recharge the battery before attempting further flights.

3. If the Rx LED flashes once and then stays on, the Rx is already linked to the Tx and you can skip to the next section. Otherwise, insert a small diameter screwdriver through the hole marked "LINK" and press the pushbutton until the Rx LED glows red and then turns off after about one second.

4. Release the "LINK" button.
5. If the linking is successful, the Rx LED will flash once and then remain ON.
6. Test for proper Tx/Rx functionality before use. If the radio doesn't appear to have become properly bound, repeat steps 1–5 above.

If the receiver is powered without the transmitter being turned on, or signal from the transmitter is not recognized by the receiver, 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 TR825 receiver, which engages in the event that the signal from the Tx somehow becomes interrupted. In such case, all channels can move to a position which is pre-set by the user as follows:

1. **IMPORTANT:** make sure the servo reverse setting for each channel is in the correct position for the application.
2. Apply power to the Tx, then the Rx.
- 3a. If using an ESC: do NOT arm the ESC, or attempt to adjust the throttle's failsafe position if the ESC is armed. **NOTE:** If you're using an ESC which has a signal loss feature, its pre-set failsafe position will be irrelevant as the receiver's failsafe function will cease the throttle operation if the signal is lost.

- 3b. If using a combustion engine: do NOT attempt to adjust the throttle's failsafe position while the engine is operating.
4. Move the controls for all channels to the desired failsafe position.

5. Press and hold the receiver's "LINK" button. The Rx's LED should blink twice. Release the LINK button, and the LED should stay on continuously. The Tx and Rx should now be linked, with the failsafe setting for each channel set in the new position.

SYSTEM AND RANGE CHECK

Check the instruction manual included with the Tactic radio for the proper steps to perform a system check before flight.



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. Once flight is complete, immediately disconnect the 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 TR825 2.4GHz Twin Antenna Receiver
Item number: TACL0825



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

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
EN 301 489-1 V1.9.2 (2011-09)
EN 301 489-17 V2.2.1 (2012-09)
EN 62479:2010

SPECIFICATIONS

Channels: 8
Receiving frequencies: 2.403 – 2.480GHz
Modulation: SLT 2.4GHz FHSS
Input power requirement: 3.6 – 8.4 volts

Compatibility: Tactic 2.4 GHz or SLT 2.4 GHz transmitters
Range: full range
FailSafe: all channels user selectable
Dimensions: 1.8 x 1.1 x 0.5" (45 x 28 x 13 mm)
Weight: 0.35 oz. (10.2 g)

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

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.

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