

## ANYLINK2



The AnyLink2 SLT 2.4GHz Radio Adapter can greatly expand a transmitter's versatility, allowing it to be used with a huge variety of flight models, including Tx-R™ Transmitter-Ready™ aircraft (including Select Scale and Micro Tx-R models). AnyLink2 is capable of full range, to control any size aircraft.

**STOP** Read this manual in its entirety before use! Damage resulting from misuse or modification will void your warranty.

### COMPATIBLE TRANSMITTERS AND RECEIVERS

AnyLink2 can link virtually any brand transmitter (Tx) to any Tactic brand 2.4GHz receiver (Rx) such as the TR624 or TR625. Transmitters must be equipped with a functioning trainer jack, and can originally be designed for use on 72MHz, 2.4GHz, FM, PCM, etc. Go to [www.tacticrc.com](http://www.tacticrc.com) for a comprehensive Tx compatibility chart. AnyLink2 is not compatible with non-Tactic brand receivers not having SLT technology.

### TX CABLE

See the chart below to determine the cable needed to connect AnyLink2 to the Tx. Three cables are included, for many Futaba, Hitec, JR, Spektrum, and Graupner brand radios.

This chart is current as of the date of the printing of this manual. Check [www.tacticrc.com](http://www.tacticrc.com) for the most updated compatibility chart. Transmitters not listed may or may not be compatible with AnyLink2. See your local hobby retailer for optional cables for other radio types:

- TACM0013 AnyLink2 Cable Futaba/Hitec Round
- TACM0014 AnyLink2 Cable Airtronics SD-Series
- TACM0015 AnyLink2 Cable Airtronics 5-Pin Round

**IMPORTANT:** For some transmitters, connecting a cable to the trainer jack will automatically cause the Tx logic circuitry to turn on. When not in use, make sure to disconnect the cable from trainer jack to prevent the Tx battery from discharging completely.

### ITEMS INCLUDED

- (1) AnyLink2 2.4GHz Radio Adapter with 1S LiPo Battery
- (1) Cable A – JR®, Spektrum®, Graupner®
- (1) Cable B – Futaba® Square
- (1) Cable C – Spektrum, Hitec®
- (1) TC10 USB Charger
- (2) Hard Locking Adhesive Strips
- (1) Instruction sheet

### AnyLink2 Transmitter Compatibility Chart

BRAND	MODEL	ANYLINK2 MODE	CABLE
Futaba®	4YF (72M, 2.4G), 4YBF, 6EX, TJ, 7C, 8FG, 8J, 9C, 10C, 14SG; (12FG, 12Z, 14MZ, 18MZ > See note page 2*)	F	B (Included)
	4VF, 5U, 6A, 6DA, 6H, 6X, 6YF, 6YG, 7U, 7NFK, 8U, 9Z	F	D (TACM0013)
JR®	All with trainer/DSC jack	J	A (Included)
Spektrum®	DX4e, DX5e, DX6, DX7, DX7s, DX8, DX9, DX10T, DX18	S	A (Included)
	DX6i	S	C (Included)
Hitec®	Optic 5, Optic 6 Sport, and Eclipse 7 (all on 2.4GHz), Aurora 9	H	C (Included)
	Neon, Flash 4sx, Flash 5, Flash 5sx, Focus 4, Focus 6, Laser 4, Laser 6, Optic 5 (72M), Optic 6 (72M, 2.4G), Eclipse 7 (72M), Prism 7, Prism 7X	H	D (TACM0013)
Airtronics®	SD-5G, SD-6G, SD-10G	A	E (TACM0014)
	Vanguard 4FM, 6FM, RD6000 Sport, RD6000 Super, RDS8000, Radiant 6FM	A	F (TACM0015)
Tower Hobbies®	4FM, 6FM	F	D (TACM0013)
	4TH, 6XM	F	B (Included)
Graupner®	MX-12, MX-16	J	A (Included)
Walkera®	Devo 7, Devo 8S	A	C (Included)

## BATTERY AND CHARGER

AnyLink2 is powered by an included 1S 3.7V 450mAh lithium-polymer battery (LiPo).



**IMPORTANT:** It will be necessary to fully charge the battery with the included USB charger before use! Follow all safety precautions below before proceeding. Failure to do so may cause AnyLink2 to lose power prematurely, resulting in a loss of control signal and causing the model to crash.

### ● NEVER LEAVE BATTERY UNATTENDED WHILE CHARGING

- Never allow the battery temperature to exceed 140°F (60°F)
- Never place battery on combustible materials while charging
- Never attempt to disassemble or modify the battery
- Never attempt to charge or continue to use the battery if it's swollen, punctured, or deformed in any way.
- Never attempt to charge the battery with an incompatible battery charger. Only use the included charger.
- Follow appropriate disposal instructions when the battery has reached the end of its useful life

1. Open the battery door on the rear side of AnyLink2 and remove the battery.
2. Connect the included TC10 USB charger to a personal computer's USB port, and turn the computer on.
3. Connect the LiPo battery to the jack on the opposite end of the charger.
4. The charger's red LED will turn on to confirm charge is being delivered.
5. When the charger automatically detects full charge is achieved, the red LED will flash slowly. The battery can be removed at this time and is ready for use. Note: Rapid flashing of the LED indicates an error occurred. The battery should be disconnected from the charger and placed in a fireproof location. Contact Hobby Services.
6. If the battery was successfully charged, attach it to the connector inside AnyLink2. Carefully insert the battery inside AnyLink2 and close the door, making sure not to pinch the wires in the door.

AnyLink2 turns on automatically when connected to a host transmitter and a signal is present at the trainer jack. Otherwise, AnyLink2's power will remain off.

Tones will sound from AnyLink2 if its battery voltage drops to an unsafe level (3.25V). **Land the aircraft immediately** to avoid loss of control and possible destruction of the model. Fully re-charge the battery before further use.

## ANYLINK2 MODE SETUP



**IMPORTANT!** Remove the airplane's propeller prior to setting up AnyLink2 to work with the flight system. Failure to do so could result in personal injury if the motor turns unexpectedly. Make sure all batteries are fully charged prior to operation. Make sure all connections are solid physically and cannot easily become dislodged at any time. AnyLink2 must be used with a Tx having a throttle stick that does NOT automatically spring back to center.



1. Create a new model memory in the host transmitter before starting to configure AnyLink2.
2. Mount AnyLink2 to the host Tx, by either clipping the mounting grip onto the handle of the host Tx, or using the two hard locking mounting strips included. Extend AnyLink2's antenna upwards from the top of the Tx as much as possible.

3. Remove the Rf module or crystal from the host Tx if possible, or disable its Rf function.
4. Leave the transmitter's own antenna in a retracted or folded position.
5. For computer radios make sure the modulation is set to PPM mode. For transmitters having the option to transmit a signal when Tx power is turned ON, make sure "YES" is selected. \*Futaba 12FG, 12Z, 14MZ, and 18MZ transmitters must be mapped for Futaba channel order before use.
6. Move the throttle stick to minimum; leave all other sticks at center.
7. Connect the appropriate cable to the Tx trainer jack. If the transmitter's logic turns on automatically do NOT turn the Tx's power switch on as it could cause AnyLink2 to not function. Otherwise, if the transmitter's logic circuitry does NOT turn on automatically, turn the Tx power switch ON.
8. AnyLink2 should beep when a signal is received from the Tx and a red LED should illuminate at this time. Identify the letter printed next to the illuminated LED from the following list:

- F Futaba
- J JR (also works for Graupner)
- S Spektrum
- H Hitec
- A Airtronics (also works for Walkera)
- C Custom

If the LED illuminates next to the proper letter for the connected radio, skip to the next section.

If the proper LED is not illuminated, insert a small screwdriver into the hole next to "MODE" and press the button repeatedly until the LED illuminates next to the proper Tx brand letter. The LED will flash. Disconnect the cable from AnyLink2, and re-connect. The LED should now stay on constantly next to this selected radio setting. AnyLink2 should now be configured for the Tx and will retain this setting even after power is removed. Resetting AnyLink2's radio setting will only be necessary when a different brand Tx will be connected.

## CUSTOM MODE SETUP

If using a radio brand not listed above, AnyLink2 can be custom configured for your radio.

1. Create a new model memory in the host transmitter before starting to configure AnyLink2.
2. Move the Tx throttle stick and throttle trim to minimum position. Leave all other sticks and trims at center position.
3. Connect the proper cable to the host transmitter's trainer jack. If the transmitter's logic doesn't turn on automatically, turn the Tx power switch ON.
4. Connect the cable to AnyLink2, which should power up automatically if a trainer signal is present.
5. Press AnyLink2's MODE button and hold until the LED next to "C" begins to flash.
6. Move the throttle trim to center position, then move the throttle stick to center position. A tone should sound to indicate the throttle channel is at center.
7. Determine which stick will be used for aileron control. Move that stick to the far-right position, then to the far-left position, then return to center.
8. Determine which stick will be used for elevator control. Move that stick to the far-up position, then to the far-down position, then return to center.
9. Determine which stick will be used for throttle control. Move that stick to the far-up position, then far-down position, then return to center.
10. Determine which stick will be used for rudder control. Move that stick to the far-right position, then far-left position, then return to center.
11. Move the throttle stick to minimum position, which should be followed by a beep and the LED should illuminate next to "C" to indicate Custom mode is set. AnyLink2 will save this custom data and exit this setting mode.
12. Remove power from AnyLink2, and then re-apply. AnyLink2 should be configured to work with this Tx. Once power is removed from AnyLink2 it will not be necessary to reset Custom mode.

## LINKING TO A TACTIC RX

To use AnyLink2 with a Micro Tx-R airplane skip to the next section. Otherwise, to link to a Tactic brand Rx or Select Scale Tx-R aircraft, refer to the instructions included with the receiver, or go to [www.tacticrc.com/receivers/index.html](http://www.tacticrc.com/receivers/index.html) to find an instruction sheet as needed.

Remember to set the failsafe on the Tactic receiver.

NOTE: Tactic receiver TR1424 does not include a failsafe function. Tactic receiver TR424 includes a non-adjustable failsafe where the throttle position is automatically established based on the maximum or minimum position of the throttle stick (CH3) each time the TR424 is linked to a Tx. All other channels will hold their last position.

For all other Tactic receivers, the factory default is that CH3 deflects to 0% (minimum) which should stop motor function if the Rx loses signal, and all other channels will hold their last position. The throttle deflection position can be changed manually if desired. **IMPORTANT!** Confirm the Tx servo reversing settings are in the correct position for the application. To manually set the throttle failsafe:

- A. Make sure the model's ESC is NOT armed. If using a combustion engine make sure it's NOT running.
- B. Move the Tx throttle stick to the desired failsafe position.
- C. Press and hold the Rx "LINK" button until the Rx LED blinks twice.
- D. Release the LINK button. The Rx LED should stay illuminated to indicate the Rx is now linked, with the throttle failsafe in the new position as set above.
- E. Skip to the SYSTEM CHECK AND OPERATION section.

## AUTO-LINKING ANYLINK2 TO MICRO TX-R AIRCRAFT

When power is originally applied to a Micro Tx-R aircraft the built-in Rx will automatically search for the strongest signal being emitted from any Tactic 2.4GHz Tx (including TTX402, 403, AnyLink2, etc.), or other brand Tx which is currently emitting the SLT protocol, and link to that signal. There are no link buttons to press to establish this link. A link is established when the red LED on the board illuminates.

Later, if power is re-applied to the same Micro Tx-R aircraft while multiple Tactic transmitters are operating simultaneously – including the original transmitter "A" – the Micro Tx-R aircraft will attempt to re-link with transmitter "A". However, if power is re-applied to the Micro Tx-R aircraft while a signal is being emitted from a **different** Tactic transmitter, the Micro Tx-R aircraft will now automatically link to the new transmitter (Tx "B"). To re-establish the link with Tx "A", repeat this process but apply power only to Tx "A" before applying power to the Micro Tx-R aircraft.

Try these tips if the Micro Tx-R aircraft has difficulty linking with AnyLink2 when multiple Tactic signals are present:

1. Pre-link your AnyLink2 and Micro Tx-R aircraft before arriving at the flying site.
2. Turn on the Tx/AnyLink2 before applying power to the Micro Tx-R aircraft.
3. Wait for other pilots flying Tactic to remove power from their Tx/AnyLink2 before attempting to link.
4. Move further away from other Tactic transmitters before powering your equipment.

## SYSTEM CHECK AND OPERATION

Check the general operation of the system and all flight equipment before attempting a flight.



**WARNING!** With the aircraft on the ground, make sure the throttle stick remains at the minimum position and is not accidentally moved. NOTE: Micro Tx-R aircraft have a throttle arming procedure which does require movement of the throttle channel during setup (see instructions included with the Micro Tx-R aircraft).

**Range Check:** Determine the safe operating distance from the Tx to the Rx. Place the aircraft on the ground and walk 100 feet (30m) away from the model. Confirm that smooth, interference-free control of all surfaces exists.

**Failsafe Check:** If using the failsafe feature, test for proper operation:

1. Prepare a way to quickly disconnect the battery/ESC connection if power needs to be cut immediately.
2. Have an assistant hold the aircraft in place on a test stand, with hands away from the motor.
3. Apply power to the system and test the motor and flight gear for general operation.
4. Remove power from the Tx/AnyLink2.
5. Observe the model's surfaces to ensure they move to the previously set failsafe positions.
6. If failsafe operation is correct, re-connect power to the system as explained earlier and prepare for flight. If the failsafe function does not operate correctly, re-check the LINKING TO A TACTIC Rx and SYSTEM CHECK AND OPERATION sections and re-try.
7. After the flight is complete, remove power from the flight system as soon as possible, then the transmitter and AnyLink2.

## INACTIVITY ALARM AND REMOVING POWER

If no Tx controls are moved for 5 minutes, AnyLink2 will flash all LEDs simultaneously and tones will sound to alert that power is still ON and AnyLink2 is still transmitting a signal. After power has safely been removed from the model, power must be removed from AnyLink2 by disconnecting it from the transmitter's trainer jack or turning off power to the Tx (depending on Tx type).

## SPECIFICATIONS

Compatible Rxs:	Tactic 2.4GHz, Tx-R aircraft, Rxs having SLT protocol
Frequencies:	2.403 – 2.479GHz
Modulation:	FHSS spread spectrum
Flight range:	full range
Input power:	3.30 – 4.20V, 150mA
Power control:	automatic with incoming signal recognition
Power on indicator:	red LEDs with audible tones
Low voltage alarm:	audible tones at 3.25V
Inactivity alarm:	tones sound after 5 minutes of Tx inactivity
Output power:	< 0.1W
Case dimensions:	2.68 x 1.46 x 0.98" (68 x 37 x 25mm)
Weight:	1.62 oz. (46g)

## TACTIC ACCESSORIES

See your local hobby retailer for any of these optional parts:

- TACL0624 TR624 2.4GHZ 6CH Receiver
- TACL0625 TR625 2.4GHZ 6CH Twin Antenna Receiver
- TACP0010 AnyLink2 TC10 USB 1S LiPo Charger
- TACP0011 AnyLink2 1S 3.7V 450mAh 25C LiPo Battery

## IMPORTANT WARNING AND PRECAUTIONS



- Do not allow water or moisture inside AnyLink2.
- Do not operate R/C model aircraft near power lines, radio or cell phone towers, roads or automobiles, buildings, or pedestrians.
- Do not operate R/C equipment if you are physically impaired as it could pose a safety hazard to yourself or others in the area.
- Do not allow small children to operate/control model R/C equipment without the supervision of an adult.
- Do not allow the transmitter's throttle stick to accidentally be moved away from the "off" or minimum position while the model's engine/motor is running.
- Do not allow chemicals to come in contact with any parts of AnyLink2. Substances such as glow fuel, gasoline, CA glue, etc. could permanently damage the case and electronic components.
- Always follow the Academy of Model Aeronautics National Model Aircraft Safety Code when operating an R/C aircraft.



## 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.

FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

## INDUSTRY CANADA NOTICE

This device complies with Industry Canada licence-exempt RSS standard(s). 1. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device." 2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the IC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

### Avis d'Industrie Canada

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Cet appareil numérique ne dépasse pas les Rèlements sur l'interférence radio par un appareil numérique de classe B stipulées dans les Règlement sur l'interférence radio d'industrie Canada.

2. Les changements ou modifications de cette unité non expressément approuvés par la partie responsable de la conformité pourraient annuler l'autorité de l'utilisateur à utiliser l'équipement.

### IC RF Déclaration sur la radioexposition:

Cet appareil est conforme avec l'exposition aux radiations IC Définies pour un environnement non contrôlé. Les utilisateurs finaux doivent suivre les instructions de fonctionnement spécifiques pour satisfaire la conformité aux expositions RF.

## 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 AnyLink2 SLT 2.4GHz Radio Adapter

Item number: TACJ2005

Equipment class: 1

Tactic AnyLink2 SLT 2.4GHz Radio Adapter: The objects of the declaration described here are in conformity with the requirements of the specifications listed below, following the provisions of the European 2006/95/EC Low Voltage Directive:

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

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

Radio: ETSI EN 300 328 V1.8.1

Technical requirements for radio equipment

EMC: ETSI EN 301 489-1 V1.9.2: 2011, 301 489-17 V2.2.1: 2012

General EMC requirements for radio equipment

Health: EN62311: 2008

US standard: FCC 15.247

Japan Standard: ARIB STD-T66

Canada Standard: RSS 210&RSS GEN

Product name: ANYLINK2

Product type: TACJ2005

Brand: TACTIC



Tactic  
c/o Hobbico, Inc.  
2904 Research Road  
Champaign, IL USA 61826

## 1-YEAR LIMITED 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. During that period, Tactic will, at its option, repair or replace without service charge any product deemed defective due to those causes. You will be required to provide proof of purchase (invoice or receipt). This warranty does not cover damage caused by abuse, misuse, alteration or accident. If there is damage stemming from these causes within the stated warranty period, Tactic will, at its option, repair or replace it for a service charge not greater than 50% of its then current retail list price. Be sure to include your daytime telephone number in case we need to contact you about your repair. This warranty gives you specific rights. You may have other rights, which vary from state to state.

For service on your Tactic product in North America, 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](mailto:hobbyservices@hobbico.com)

In the European Union, send it postpaid and insured to:

Service Abteilung Revell GmbH

32257 Bünde Germany

Tel: 01805-110111 (nur für Deutschland)

E-mail: [Hobbico-Service@Revell.de](mailto: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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