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## TQi 2.4GHz Receiver with Traxxas Stability Management (TSM) and Traxxas Link Instructions

Covers Part #6533

**Note: The #6533 receiver only works with the TQi radio system with the Multi-Function knob. Initial setup of the receiver requires a Traxxas TQi transmitter with the Traxxas Link Wireless Module installed (see Related Parts List below).**

### Traxxas Support

If you have any questions, please contact our customer support team for fast, friendly answers and solutions. Contact information is at the bottom of this page.

### Receiver Installation

For best performance, it is recommended that this receiver be installed in the same orientation as the original receiver (with the label facing upward). Refer to your owner's manual for additional information, wiring diagrams, and detailed instructions on maintaining a watertight seal.

**Use double-sided adhesive foam tape to install the receiver into the receiver box. Once installed, plug the wires into the receiver.**

### TQi 2.4GHz Binding Instructions

For proper operation, the transmitter and receiver must be electronically "bound".

**Note:** The receiver must be connected to a 4.8-6.0v (nominal) power source for binding and the transmitter and receiver must be within 5 feet of each other.

1. Press and hold the transmitter's SET button as you switch transmitter on. The transmitter's LED will flash red slowly. Release the SET button.
2. Press and hold the receiver's LINK button as you switch the model on. Release the LINK button.
3. When the transmitter and receiver's LEDs turn solid green, the system is bound and ready for use.
4. Confirm that the steering and throttle operate properly before driving your model. If you have installed the receiver in a stock Traxxas model, refer to your owner's manual for additional information. Follow the steps to set your radio system to the default servo reversing and/or ESC settings for your model. If you have installed the receiver in a non-Traxxas model, refer to the TQi 2.4GHz transmitter's instructions for information on how to adjust the transmitter's servo reversing, trims, and other functions manually.

### Using the Traxxas Link App with the #6533 Receiver

**A Traxxas TQi transmitter with the Traxxas Link Wireless Module (part #6511) installed is required to control the receiver within the Traxxas Link App (see Related Parts List). A TQi transmitter equipped with the multi-function knob is required to adjust the TSM assistance. The Traxxas Link Wireless Module is also required in order to load the proper software for your specific vehicle model into the receiver.**

The Traxxas Link™ App\* (available in the Apple App Store™ or on Google Play™) includes customized Traxxas Stability Management (TSM) settings for each Traxxas model. Download the Traxxas Link App to your Apple® iPhone®, iPad®, iPod touch®, or Android™ device and select your model from the Home screen. This will set the Multi-Function knob on the TQi transmitter to control TSM, and provide the best performance results from the #6533 receiver.

### About Traxxas Stability Management (TSM)

Traxxas Stability Management or TSM allows you to experience all the speed and acceleration that was engineered into your Traxxas model by helping you to maintain control of the vehicle in low-traction situations. TSM helps provide straight ahead full-throttle acceleration on slippery surfaces, without fishtailing, spinouts, or loss of control. TSM also dramatically improves braking control. High speed cornering and control is also made possible as TSM makes corrections for you, without intruding on your fun, or creating unexpected side effects.

The recommended (default) setting for TSM is to rotate the knob to the 12:00 position (the zero mark on the dial). Turn the knob clockwise to increase assistance; turn the knob counterclockwise to decrease assistance. Turn the knob counterclockwise to its stop to turn TSM completely off.

**Note:** TSM is deactivated automatically when driving or braking in reverse.

When driving on surfaces with some traction, decrease the TSM setting to allow the vehicle to feel more "loose" for power sliding, drifting, and so on.

\*Compatible with:  
 iPod touch (5th generation and later)      iPhone 4S  
 iPad (3rd generation and later)              iPhone 5  
 iPad mini    iPhone 5C  
 Android 4.4 (and later)                          iPhone 5S

On surfaces with very little traction (loose dirt, smooth concrete, ice/snow), increase TSM to maximize acceleration and control.

Drive with TSM on and off to test how it is making your control of the vehicle easier and more precise. For more information, visit [Traxxas.com/tsm](http://Traxxas.com/tsm).

**Note: TSM must be completely turned off while adjusting steering trim.**



### RELATED PARTS LIST

Initial setup of the #6533 receiver requires a Traxxas TQi transmitter with the Traxxas Link Wireless Module installed. Consider using the Traxxas Power-UP Program to upgrade to the newest TQi radio system. Visit [Traxxas.com](http://Traxxas.com) for more information.



6528	Transmitter, TQi Traxxas Link enabled, 2.4GHz high output, 2-channel (transmitter only) .....	\$100.00
6529	Transmitter, TQi Traxxas Link enabled, 2.4GHz high output, 3-channel (transmitter only) .....	\$105.00
6530	Transmitter, TQi Traxxas Link enabled, 2.4GHz high output, 4-channel (transmitter only) .....	\$115.00
6511	Traxxas Link Wireless Module .....	\$45.00

### RECEIVER LED CODES

LED Color / Pattern	Name
☉	Solid green Normal Driving Mode
⚡	Slow red (0.5 sec on / 0.5 sec off) Binding
⚡ ⚡	Flashing fast red (0.125 sec on / 0.125 sec off) Fail-Safe / Low Voltage Detect <b>Note:</b> Consistent Low Voltage in the receiver triggers Fail-Safe so there is enough power to center the throttle servo before it completely loses power.

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KC2280-R03 Rev 160506

**FCC Compliance**

This device complies with the limits for a Class B digital device as described in part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The limits for a Class B digital device are designed to provide reasonable protection against harmful interference in residential settings. This equipment generates, uses, and can radiate radio frequency energy and, if not operated in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Canada, Industry Canada (IC)**

This Class B digital apparatus complies with Canadian ICES-003. This device complies with Industry Canada license exempt RSS standard(s). 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.

**Radio Frequency (RF) Exposure Statement**

This equipment complies with radio frequency exposure limits set forth by FCC and Industry Canada for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 0 millimeters between the radiator and your body or bystanders and must not be co-located or operated in conjunction with any other antenna or transmitter.

**End Product Labeling**

This module is marked with an FCC ID and IC certification number. The host system using this module must be labeled in a visible area with the following: **"Contains FCC ID: XVE-TRX1019, IC: 8668A-TRX1019"**. This LMA is tested and approved as a stand-alone configuration. Additional evaluation may be required for any system integrated with this radio module. This module and its antenna should not be installed or operated in conjunction with any other transmitter.