

WARRANTY AND PRECAUTIONS

3 TRANSMITTER AND RECEIVER

4 GETTING STARTED

Basic Adjustments4
Battery Installation4-5
Model Profiles6

USING THE RADIO SYSTEM

Range-Testing7	7
Binding Instructions8	3
Steering Sensitivity	3

ADVANCED TUNING GUIDE

Available Tuning Adjustments	9
Installing Your Mobile Device1	0
Transmitter LED Codes1	2
Traxxas Link Model Memory1	3

14 MENU TREE

Entire contents ©2012 Traxxas. Other brand names and marks are the property of their respective holders and are used only for purposes of identification. No part of this manual may be reproduced or distributed in print or electronic media without the express written permission of Traxxas. Specifications are subject to change without notice.

Important Radio System Precautions

- For maximum range, always point the front of transmitter toward the model.
- Do not kink the receiver's antenna wire. Kinks in the antenna wire will reduce range.
- DO NOT CUT any part of the receiver's antenna wire. Cutting the antenna will reduce range.
- Extend the antenna wire in the model as far as possible for maximum range. It is not necessary to extend the antenna wire out of the body, but wrapping or coiling the antenna wire should be avoided.

 Do not allow the antenna wire to extend outside the body without the protection of an antenna tube, or the antenna wire may get cut or damaged, reducing range. It is recommended to keep the wire inside the body (in the antenna tube) to prevent the chance of damage.

To prevent loss of radio range do not kink or cut the black wire, do not bend or cut the metal tip, and do not cut the white wire at the end of the metal tip. 1/16 Models

Warranty Information

Traxas warrants your Traxas electronic components to be free from defects in materials or workmanship for a period of thirty (30) days from the date of purchase. Before returning any product for warranty service, please contact our service department at **1-888-TRAXXAS** (*U.S. residents only*) to discuss the problem you are having with the product. After contacting Traxas, send the defective unit along with your proof of purchase indicating the date purchased, your return address, e-mail, a daytime phone number, and a brief description of the problem to:

Traxxas, 1100 Klein Road, Plano, TX 75074

Phone: 972-265-8000 Internet: Traxxas.com E-mail: support@Traxxas.com

Detailed Limitations for Electronic Components:

- · Allowing water, moisture, or other foreign material to enter the component or get onto the PC board.
- Exceeding the maximum input voltage of the electronic component.
- Reverse voltage application.
- · Incorrect installation or wiring.

- · Components worn from use.
- · Splices to the input or switch harnesses.
- · Disassembling the case.
- · Excessive force when adjusting, pressing, or turning any of the controls.
- · Tampering with the internal electronics.
- Incorrect wiring of an FET servo.
- · Allowing exposed wiring to short circuit.
- · Any damage caused by crash, flooding, or act of God.

Limitations

Any and all warranty coverage does not cover replacement of parts and components damaged by abuse, neglect, improper or unreasonable use, crash damage, water or excessive moisture, chemical damage, improper or infrequent maintenance, accident, unauthorized alteration or modification, or items that are considered consumable. Traxxas will not pay for the cost of shipping or transportation of a defective component from you to us.

Limitations of Liability

Traxas makes no other warranties expressed or implied. Traxas shall not be liable for any special, indirect, incidental, or consequential damages arising out of the assembly, installation, or use of their products or any accessory or chemical required to use their products. By the act of operating/ using the product, the user accepts all resulting liability. In no case shall Traxas' liability exceed the actual purchase price paid for the product. Traxas reserves the right to modify warranty provisions without notice. All warranty claims will be handled directly by Traxas. The Traxas warranty gives the customer specific legal rights and possibly other rights that vary from state to state. The customer is required to fill out and return the Registration Card enclosed with the product as a condition of the coverage and performance of the warranty. All dollar amounts stated are in United States dollars. The term "lifetime" shall refer to the product's production life at Traxas is not obligated to provide upgraded products at a reduced rate when a previous product's production cycle has ended.

Traxxas Extended Lifetime Electronics Warranty:

After the expiration date of the free warranty period, Traxxas will repair electronic components for a flat rate. The electronic products covered by this extended service plan include electronic speed controls, transmitters, receivers, servos, and battery chargers. Motors, batteries, and mechanical speed controls are not covered. The covered repairs are limited to non-mechanical components that have NOT been subjected to abuse, misuse, or neglect. Products damaged by intentional abuse, misuse, modification, or neglect, may be subject to additional charges. Visit Traxxas.com or call 1-888-TRAXXAS (1-888-872-9927) for details on extended warranty service and rates.

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 product generates, uses and can radiate radio frequency energy, and, if not operated in accordance with the instructions, may cause harmful interference to radio communications.

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.



All Other No Traxxas Models

TRANSMITTER AND RECEIVER

#6507 - 4-channel with Docking Base; #6508 - 4-channel; #6509 - 2-channel



GETTING STARTED

TQi Radio System Basic Adjustments



Steering Trim

The electronic steering trim located on the face of the transmitter adjusts the neutral (center) point of the steering channel.



Multi-Function Knob

The Multi-Function knob can be programmed to control a variety of functions. From the factory, the Multi-Function knob controls steering sensitivity,

also known as exponential or "expo." When the knob is turned counterclockwise all the way to the left (default position), expo is off and steering sensitivity will be linear (the most commonly used setting). Turning the knob clockwise will "add expo" and decrease the steering sensitivity in the initial range of steering wheel travel left or right from center. For more detail on steering exponential, refer to page 8.

Throttle Neutral Adjustment

The throttle neutral adjustment is located on the transmitter face and controls the forward/reverse travel of the throttle trigger. Change the adjustment by pressing the button and sliding it to the desired position. There are two settings available:

50/50: Allows equal travel for both acceleration and reverse. 70/30: Allows more throttle travel (70%) and less reverse travel (30%).

We strongly recommend to leave this control in its factory location until you become familiar with all the adjustments and capabilities of your model.

Note: 50/50 is the default factory setting and the required setting for Traxxas nitro models. To change the throttle neutral adjust position for an electric model, turn the transmitter off before adjusting the neutral position. **You will need to reprogram your electronic speed control to recognize the 70/30 setting.** See your speed control's instructions.

Installing Transmitter Batteries in the Standard Base

Your TQi transmitter uses 4 AA batteries. The battery compartment is located in the base of the transmitter.

- 1. Remove the battery compartment door by pressing the tab and sliding the door open.
- 2. Install the batteries in the correct orientation as indicated in the battery compartment.
- 3. Reinstall the battery door and snap it closed.
- 4. Turn on the transmitter and check the status indicator for a solid green light.



If the status LED flashes red, the transmitter batteries may be weak, discharged or possibly installed incorrectly. Replace with new or freshly charged batteries. The power indicator light does not indicate the charge level of the battery pack installed in the model. Refer to the Troubleshooting section on page 12 for more information on the transmitter Status LED codes.

Installing Batteries in the TQi Docking Base (Model #6507 Only) Your TQi transmitter uses 4 AA batteries. The battery compartment is

located in the base of the transmitter.

- 1. Remove the battery compartment door by pressing the tab and sliding the door open.
- 2. Remove the battery holder. Install the batteries in the battery holder. Correct orientation is indicated in the battery holder. Make sure the battery holder is plugged into the transmitter.
- 3. Reinstall the battery door and snap it closed.
- **4.** Turn on the transmitter and check the "ON" LED for a solid green light. **Note**: Switching the transmitter on with your mobile device installed will automatically launch the Traxxas Link application.

If the status LED flashes red, the transmitter batteries may be weak, discharged or possibly installed incorrectly. Replace with new or freshly charged batteries. The power indicator light does not indicate the charge level of the battery pack installed in the model. If the Traxxas Link application is installed and running, there is a battery level icon (*see image below*) on the main menu bar that will give you an indication of the charge level of the transmitter batteries.



Note: The Docking Base will charge your mobile device as long as the transmitter is turned on.

This feature may be switched off by accessing the Preferences screen in the Traxxas Link application.



Use the Right Batteries

Your transmitter uses AA batteries. Use new alkaline batteries. Do not use rechargeable AA cells to power the TQi transmitter, as they will not provide sufficient voltage for optimum transmitter performance.

The #3037 Traxxas 5-cell rechargeable battery pack can be used in place of 4 AA alkaline cells. The #3037 battery has the same voltage (6 volts) as four alkaline cells.

Caution: Discontinue running your model at the first sign of weak batteries (flashing red light on the transmitter) to avoid losing control.



Optional #3037 Traxxas NiMH battery installation

TQi Docking Base Battery Charging Jack

The Docking Base incorporates a standard charging jack for use with optional Traxxas rechargeable NiMH battery pack (#3037) and wall charger (#6545)(*each sold separately*). **Note**: The charger and charging jack will not charge rechargeable AA batteries installed in

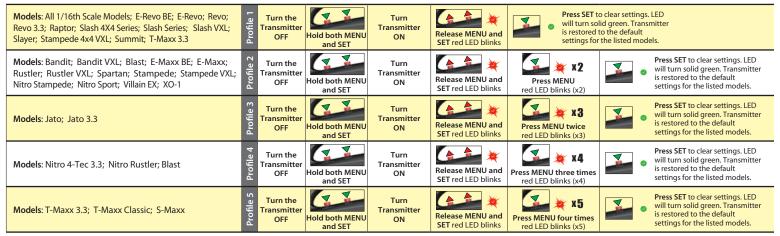


the standard 4-cell AA battery holder supplied with the TQi. Only use the charger and charging jack with the #3037 Traxxas NiMH battery.

GETTING STARTED

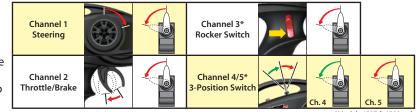
Selecting Your Model Profile (Resetting to Defaults)

The TQi radio system has been programmed with servo reversing profiles for use with current Traxxas models. Find your model on this chart and follow the steps to set the default transmitter settings for your model. The settings for servo direction will be set, but you may need to adjust the trim and endpoint settings for the steering and throttle channels. Should you ever need restore your transmitter to the default settings for your model, use the steps described in this chart.



Using the Traxxas TQi Radio System with non-Traxxas Models

The TQi radio system can be used with all popular servos in any hobby-grade R/C vehicle. From the factory, the transmitter is set for Profile 1, with each channel set as "reversed." The chart to the right indicates the direction the servos will operate. Follow the instructions on page 14 if you need to change these setting(s) to suit your model.



*Models 6507 & 6508 only

USING THE RADIO SYSTEM

Before installing the TQi radio system in your model, make certain the steering trim knob is centered. After you have installed and bound the radio system, confirm the steering servo and throttle servo (if installed) operate properly: turning the steering wheel right makes the front wheels turn right (and vice-versa), and pulling the trigger to the grip opens the throttle of your nitro engine. If either control operates "backwards," follow the menu tree on page 14 or use the Traxxas Link application (#6507 TQi with Docking Base only), to reverse the servo's operation.

After confirming correct servo operation, use the TQi's steering trim knob to center your model's front wheels so it drives straight with the steering wheel at its neutral position. If there is not enough adjustment to achieve this with the steering trim knob, reset the steering trim to its center position, then remove and reinstall the servo's steering horn to center the steering system as close as possible. The steering trim knob can now be used to make the final adjustments.

Repeat this process for the throttle servo. To access throttle trim, follow the steps in the menu tree on page 14.

If your model is equipped with an electronic speed control, it will have to be calibrated to the TQi radio system. Follow the instructions included with your vehicle or your speed control to calibrate it properly.

Range-Testing the Radio System

Before each running session with your model, you should range-test your radio system to ensure that it operates properly.

- 1. Turn on the radio system and check its operation as described in the previous section.
- 2. Have a friend hold the model. Make sure hands and clothing are clear of the wheels and other moving parts on the model.
- 3. Walk away from the model with the transmitter until you reach the farthest distance you plan to operate the model.
- 4. Operate the controls on the transmitter once again to be sure that the model responds correctly.
- 5. Do not attempt to operate the model if there is any problem with the radio system or any external interference with your radio signal at your location.

Higher Speeds Require Greater Distance

The faster you drive your model, the more quickly it will near the limit of radio range. At 60mph, a model can cover 88 feet every second! It's a thrill, but use caution to keep your model in range. If you want to see your model achieve its maximum speed, it is best to position yourself in the middle of the model's running area, not the far end, so you drive the model towards and past your position. In addition to maximizing the radio's range, this technique will keep your model closer to you, making it easier to see and control.

No matter how fast or far you drive your model, always leave adequate space between you, the model, and others. Never drive directly toward yourself or others.

TQi Binding Instructions

For proper operation, the transmitter and receiver must be electronically 'bound.' **This has been done for you at the factory.** Should you ever need to re-bind the system or bind to an additional transmitter or receiver, follow these instructions. **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. Confirm that the steering and throttle operate properly before driving your model.

Steering Sensitivity (Exponential)

The Multi-Function knob on the TQi transmitter has been programmed to control Steering Sensitivity (also known as exponential). The standard setting for Steering Sensitivity is "normal (zero exponential)," with the dial full left in its range of travel. This setting provides linear servo response: the steering servo's movement will correspond exactly with the input from the transmitter's steering wheel. Turning the knob clockwise from center will result in "negative exponential" and decrease steering sensitivity by making the servo less responsive near neutral, with increasing sensitivity as the servo nears the limits of its travel range. The farther you turn the knob, the more pronounced the change in steering servo movement will be. The term "exponential" comes from this effect; the servo's travel changes exponentially relative to the input from the steering wheel. The exponential effect is indicated as a percentage—the greater the percentage, the greater the effect. The illustrations below show how this works.

Normal Steering Sensitivity (0% exponential)

In this illustration, the steering servo's travel (and with it, the steering motion of the model's front wheels) corresponds precisely with the steering wheel. The ranges are exaggerated for illustrative purposes.

Decreased Steering Sensitivity (Negative Exponential)

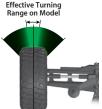
By turning the Multi-Function knob clockwise, the steering sensitivity of the model will be decreased. Note that a relatively large amount of steering wheel travel results in a smaller amount of servo travel. The farther you turn the knob, the more pronounced

the effect becomes. Decreased steering sensitivity may be helpful when driving on low-traction surfaces, when

driving at high speed, or on tracks that favor sweeping turns where gentle steering inputs are required. The ranges are exaggerated for illustrative purposes.

Experiment! Try varying degrees of exponential. It's easy to go back to "zero" if you don't like the effect. There's no wrong way to adjust exponential. Any setting that makes you more comfortable with your model's handling is the "right setting."

Turning Range at Transmitter



ADVANCED TUNING GUIDE

Available Tuning Adjustments

All the features described below may also be accessed using the menu and set buttons on the transmitter and observing signals from the LED. An explanation of the menu structure follows on page 14. The following items can be adjusted most easily using your mobile device with the TQi Docking Base and the Traxxas Link application, see page 11.

Your Traxxas transmitter has a programmable Multi-Function knob that can be set to control various advanced transmitter functions (set to Steering Sensitivity by default, see page 8). Experiment with the settings and features to see if they can improve your driving experience.

Throttle Sensitivity (Throttle Exponential)

The Multi-Function knob can be set to control Throttle Sensitivity. Throttle Sensitivity works the same way as Steering Sensitivity as described on page 8, but applies the effect to the throttle channel. Only forward throttle is affected; brake/reverse travel remains linear regardless of the Throttle Sensitivity setting.

Steering Percentage (Dual Rate)

The Multi-Function knob can be set to control the amount (percentage) of servo travel applied to steering. Turning the Multi-Function knob fully clockwise will deliver maximum steering throw; turning the knob counter-clockwise reduces steering throw (note: turning the dial counter-clockwise to its stop will eliminate all servo travel). Be aware that the steering End Point settings define the servo's maximum steering throw. If you set Steering Percentage to 100% (by turning the Multi-Function knob fully clockwise), the servo will travel all the way to its selected end point, but not past it. Many racers set Steering Percentage so they have only as much steering throw as they need for the track's tightest turn, thus making the model easier to drive

throughout the rest of the course. Reducing steering throw can also be useful in making a model easier to control on high-traction surfaces, and limiting steering output for oval racing where large amounts of steering travel are not required.

Braking Percentage

The Multi-Function knob may also be set to control the amount of brake travel applied by the servo in a nitro-powered model. Electric models do not have a servo-operated brake, but the Braking Percentage function still operates the same way in electric models. Turning the Multi-Function knob full clockwise will deliver maximum brake throw; turning the knob counter-clockwise reduces brake throw (**Note**: Turning the dial counter-clockwise to its stop will eliminate all brake action).

Throttle Trim

Setting the Multi-Function knob to serve as throttle trim will allow you to adjust the throttle's neutral position to prevent unwanted brake drag or throttle application when the transmitter trigger is at neutral. **Note**: Your transmitter is equipped with a Throttle Trim Seek mode to prevent accidental runaways. See below for more information.

Throttle Trim Seek Mode

When the Multi-Function knob is set to throttle trim, the transmitter remembers the throttle trim setting. If the throttle trim knob is moved from the original setting while the transmitter is off, or while the transmitter was used to control another model, the transmitter ignores the actual position of the trim knob. This prevents the model from accidentally running away. The LED on the face of the transmitter will rapidly blink green and the throttle trim knob (Multi-Function knob) will not adjust the trim until it is moved back to its original position saved in memory. To restore throttle trim control, simply turn the Multi-Function knob either direction until the LED stops blinking.

Steering and Throttle End Points

The TQi transmitter allows you to choose the limit of the servo's travel range (or its "end point") independently for left and right travel (on the steering channel) and throttle/brake travel (on the throttle channel). This allows you to fine-tune the servo settings to prevent binding caused by the servo moving steering or throttle linkages (in the case of a nitro model) farther than their mechanical limits. The end point adjustment settings you select will represent what you wish to be the servo's maximum travel; the Steering Percentage or Braking Percentage functions will not override the End Point settings.

Steering and Throttle Sub-Trim

The Sub-Trim function is used to precisely set the neutral point of the steering or throttle servo in the event that simply setting the trim knob to "zero" does not completely center the servo. When selected, Sub-Trim allows finer adjustment to the servo output shaft's position for precise setting of the neutral point. Always set the Steering Trim knob to zero before making final adjustment (if required) using Sub-Trim. If Throttle Trim has been previously adjusted, the Throttle Trim will need to be reprogrammed to "zero" before making final adjustment using Sub-Trim.

Setting Lock

Once you've adjusted all of these settings the way you like them, you may want to disable the Multi-Function knob so none of your settings can be changed. This is especially handy if you operate multiple vehicles with a single transmitter via Traxxas Link[™] Model Memory.

Multiple Settings and the Multi-Function Knob

It is important to note that settings made with the Multi-Function knob are "overlaid" on top of each other. For example, if you assign the Multi-Function to adjust Steering Percentage and set it for 50%, then reassign the knob to control Steering Sensitivity, the transmitter will "remember" the Steering Percentage setting. Adjustments you make to Steering Sensitivity will be applied to the 50% steering throw setting you selected previously. Likewise, setting the Multi-Function knob to "disabled" will prevent the knob from making further adjustments, but the last setting of the Multi-Function knob will still apply.



Your Traxxas radio system is equipped with a built-in failsafe function that returns the throttle to its last saved neutral position in the event of signal loss. The LED on the transmitter and the receiver will rapidly flash red to indicate the failsafe has been activated.

Installing Your Mobile Device (Model #6507)

The TQi Docking Base transforms your iPhone[®] or iPod touch[®] into a powerful tuning tool that equips your TQi with an intuitive, highdefinition, full-color graphical user interface.

Traxxas Link

The powerful Traxxas Link app (available in the Apple App Store) gives you complete control over the operation and tuning of your Traxxas model with stunning visuals and absolute precision. With the installed Traxxas Link telemetry sensors on the model, Traxxas Link displays realtime data such as speed, RPM, temperature, and battery voltage.

Intuitive iPhone and iPod touch interface

Traxxas Link makes it easy to learn, understand, and access powerful tuning options. Control Drive Effects settings such as steering and throttle sensitivity; steering percentage; braking strength; and throttle trim by simply touching and dragging the sliders on the screen.



Tap and slide to adjust Steering Sensitivity, Throttle Trim, Braking Percent, and more!

ADVANCED TUNING GUIDE

Real-Time Telemetry

With the installed telemetry sensors, the Traxxas Link dashboard comes to life showing you speed, battery voltage, RPM, and temperature. Set threshold warnings and log maximums, minimums, or averages. Use the recording function to document your dashboard view, with sound, so that you can keep your eyes on your driving and not miss a single apex.



The customizable Traxxas Link dashboard delivers real-time rpm, speed, temperature, and voltage data.

Manage up to 30 Models with Traxxas Link

The TQi radio system automatically keeps track of what vehicles it has bound to and what settings were used for each-up to 30 models total! Traxxas Link provides a visual interface to name the models, customize their settings, attach profiles, and lock them into memory. Simply choose a model and any previously bound transmitter, power them up, and start having fun.

Mobile Device Installation

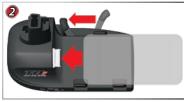
The TQi[™] Docking Base has a unique clamping mechanism that allows the Apple[®] iPhone[®] and iPod touch[®] to be easily installed and removed. The clamp's self-adjusting design allows it to accommodate the wide variety of protective cases available for Apple products. Follow these

steps to install your mobile device:

- 1. Swing the Docking Base Clamp lever from position A (locked) to position B (unlocked).
- 2. Install your mobile device by sliding it onto the connector.



3. Ensure your mobile device is parallel with the Docking Base. Slide the included foam pads beneath the mobile device so it is held parallel with the docking base when supported by the pads. The pads have thicknesses of 1, 2, 3 and 4mm, choose the best combination for your device and case, if used. See the chart below to find the correct pad combination for iPhone and iPod touch models without accessory cases.





Foam pad combination recommendations (without accessory cases):

iPod touch 2nd & 3rd Generation	4mm + 3mm (7mm total)
iPod touch 4th Generation	4mm + 3mm + 2mm (9mm total)
iPhone 3GS	3mm + 2mm (5mm total) or 4mm + 1mm (5mm total)
iPhone 4	4mm + 3mm + 1mm (8mm total)

- 4. Make certain your mobile device slides directly onto the connector when slid over the foam pads. When you are satisfied with the fit, peel the backing from the foam pads and apply them to the Docking Base.
- 5. Close the Docking Base Clamp by moving it to position A. Confirm your mobile device is snug and securely held in place.

Optional: The Docking Base Clamp's 'fingers' have soft gripper pads on them to hold un-cased devices. If your device is in a soft rubber case, the gripper pads may be removed for easier device installation and removal.

TRANSMITTER LED CODES

LED Color / Pattern		Name	Notes			
0	Solid green	Normal Driving Mode				
٩	Slow red (0.5 sec on / 0.5 sec off)	Binding	See page 8 for more information on binding.			
**	Flashing fast green (0.1 sec on / 0.15 sec off)	Throttle Trim Seek Mode	Turn the Multi-Function knob right or left until the LED stops flashing. See page 9 for more information.			
*	shing medium red (0.25 sec on / 0.25 sec off) Low Battery Alarm		Put new batteries in the transmitter. See page 5 for more information.			
* *	Flashing fast red (0.125 sec on / 0.125 sec off)		Transmitter and receiver are no longer bound. Turn the system off and then back on to resume normal operation. Find source of the link failure (ie out of range, low batteries, damaged antenna).			
Programn	ning Patterns					
💥 or 💥	Counts out number (green or red) then pauses	Current menu position	See Menu Tree for more information.			
💥 X8	Fast green 8 times	Menu setting accepted (on SET)				
💥 x8	Fast red 8 times	Menu SET invalid	User error such as trying to delete a locked model.			

RECEIVER LED CODES

LED Color	/ Pattern	Name	Notes			
۲	Solid green	Normal Driving Mode				
١	Slow red (0.5 sec on / 0.5 sec off) Binding		See page 8 for more information on binding.			
* *	Flashing fast red (0.125 sec on / 0.125 sec off) Fail-Safe / Low-Voltage Detect		Consistent Low-Voltage in the receiver triggers Fail-Safe so there is enough power to center the throttle servo before it completely loses power.			

Traxxas Link Model Memory

Traxxas Link Model Memory is an exclusive, patent-pending feature of the TQi transmitter. Each time the transmitter is bound to a new receiver, it saves that receiver in its memory along with all the settings assigned to that receiver. When the transmitter and any bound receiver are switched on, the transmitter automatically recalls the settings for that receiver. There is no need to manually select your vehicle from a list of model memory entries.

Model Lock

The Traxxas Link Model Memory feature can store up to thirty models (receivers) in its memory. If you bind a thirty-first receiver, Traxxas Link Model Memory will delete the "oldest" receiver from its memory (in other words, the model you used the longest time ago will be deleted). Activating Model Lock will lock the receiver in memory so it cannot be deleted.

You may also bind multiple TQi transmitters to the same model making it possible to pick up any transmitter and any previously bound model in your collection and simply turn them on and drive. With Traxxas Link Model Memory, there is no need remember which transmitter goes with which model and there is never a need to select any model from a list of model memory entries. The transmitter and receiver do it all for you automatically.

To activate Model Lock:

- 1. Switch on the transmitter and receiver you wish to lock.
- 2. Press and hold MENU. Release when the status LED blinks green.
- 3. Press MENU three times. The status LED will blink green four times repeatedly.
- 4. Press SET. The status LED will blink green in single-flash intervals.
- 5. Press SET once. The status LED will blink red once repeatedly.
- 6. Press MENU once, the LED will blink red twice repeatedly.
- 7. Press SET, the LED will blink rapidly green. The memory is now locked. Press MENU and SET to return to driving mode.

Note: To unlock a memory, press SET twice at step 5. The LED will blink rapidly green to indicate the model is unlocked. To unlock all models, press MENU twice at step 6 and then press SET.

To delete a model:

At some point, you may wish to delete a model you no longer drive from the memory.

- 1. Switch on the transmitter and receiver you wish to delete.
- 2. Press and hold MENU. Release when the status LED blinks green.
- 3. Press MENU three times. The status LED will blink green four times repeatedly.
- 4. Press SET once. The status LED will blink green once repeatedly.
- 5. Press MENU once. The status LED will blink green twice repeatedly.
- 6. Press SET. The memory is now selected to be deleted. Press SET to delete the model. Press and hold MENU to return to driving mode.

MENU TREE

The menu tree below shows how to navigate through the TQi transmitter's various settings and functions. Press and hold MENU to enter the menu tree, and use the following commands to navigate through the menu and select options.

- MENU: When you enter a menu, you always start at the top. Press MENU to move down the menu tree. When you reach the bottom of the tree, pressing MENU again will return you to the top.
- SET: Press SET to move across the menu tree and select options. When an option is committed to the transmitter's memory, the status LED will rapidly blink green.
- BACK: Press both MENU and SET to go back one level in the menu tree.
- **EXIT:** Press and hold MENU to exit programming. Your selected options will be saved.
- ECHO: Press and hold SET to activate the "echo" function. Echo will "play back" your current position on the Menu Tree, should you lose your place. For example: If your current position is Steering Channel End Points, holding SET will cause the LED to blink green twice, green once, and then red three times. Echo will not alter your adjustments or change your position in the programming sequence.

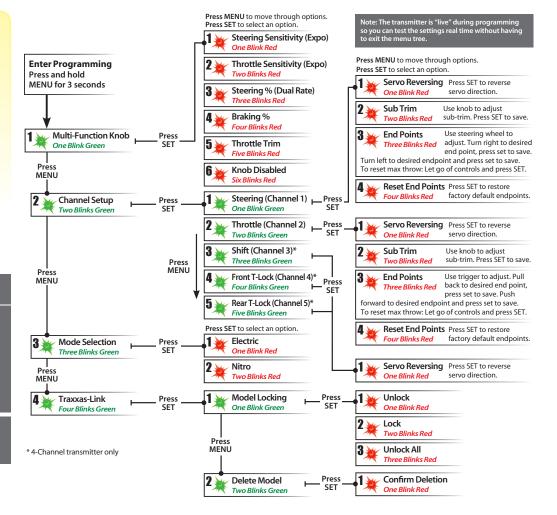
Below is an example of how to access a function in the menu tree. In the example, the user is setting the Multi-Function knob to be a steering Dual Rate control.

To set the Multi-Function knob to control STEERING DUAL RATE (%): 1. Switch the transmitter on

- 2. Press and hold MENU until the green LED lights. It will blink in single intervals.
- 3. Press SET. The red LED will blink in single intervals to indicate Steering Dual Rate has been selected.
- 4. Press MENU twice. The red LED will blink three times repeatedly to indicate Steering Percentage has been selected.
- 5. Press SET to select. The green LED will blink 8 times fast to indicate successful selection.
- 6. Press and hold MENU to return to driving mode.

Restoring Factory Defaults:

When programming your transmitter, you may feel the need to start over with a clean slate. See *Selecting Your Model Profile* (*Resetting to Defaults*) on page 6 for instructions.



Set Multi-Function knob for STEERING SENSITIVITY (Expo)	Press/hold MENU green LED blinks	Press SET red LED blinks Press SET red LED blinks	X8 Press SET to confirm green LED blinks (x8) X2 Press MENU to confirm red LED blinks (x2)	Press/hold MENU returns to driving mode X 8 Press SET to select green LED blinks (x8)	Press/hold MENU returns to driving mode]	To select fu make adjus	TREE FORM nctions and tments to the TQi without referenci			
Set Multi-Function knob for STEERING DUAL RATE (%)	Press/hold MENU green LED blinks	Press SET red LED blinks	Press MENU twice red LED blinks (x3)	Press SET to select green LED blinks (x8)	Press/hold MENU returns to driving mode		transmitter in the left co	ree, turn your on, find the funct olumn you wish to		10	
Set Multi-Function knob for BRAKING PERCENTAGE (%)	Press/hold MENU green LED blinks	Press SET red LED blinks	X4 Press MENU 3 times red LED blinks (x4)	Fress SET to select green LED blinks (x8)	Press/hold MENU returns to driving mode		adjust, and correspond	simply follow the ing steps.	Always turn your transmitter on first.		
Set Multi-Function knob for THROTTLE TRIM	Press/hold MENU green LED blinks	Press SET red LED blinks	Press MENU 4 times red LED blinks (x5)	Press SET to select green LED blinks (x8)	Press/hold MENU returns to driving mode	Adjust the Multi-Function knob until the LED turns solid green.					
To DISABLE (Lock) the Multi-Function knob	Press/hold MENU green LED blinks	Press SET red LED blinks	XG Press MENU 5 times red LED blinks (x6)	Press SET to lock green LED blinks (x8)	Press/hold MENU returns to driving mode						
To REVERSE the direction of STEERING servo	Press/hold MENU green LED blinks	۲۰۵۵ אב Press MENU green LED blinks (x2)	Press SET green LED blinks	Press SET red LED blinks	X8 Press SET to reverse servo direction	Press/hold MENU returns to driving mode					
To set the SUB TRIM of the STEERING servo	Press/hold MENU green LED blinks	۲۰۵۵ אין אין Press MENU green LED blinks (x2)	Press SET green LED blinks	Press SET red LED blinks	Press MENU red LED blinks (x2)	Use Multi-Function knob to set neutral	X8 Press SET to save position	Press/hold MENU returns to driving mode			
To set the END POINTS of the STEERING servo	Press/hold MENU green LED blinks	۲۰۵۵ אין אין Press MENU green LED blinks (x2)	Press SET green LED blinks	Press SET red LED blinks	Y3 Press MENU twice red LED blinks (x3)	Turn steering wheel to desired max left and right travel	X8 Press SET to save each position	Turn steering wheel to test settings	IF END POINTS ARE OK: Press/hold MENU returns to driving mode	IF END POINTS NEED TO BE CHANGED: Press SET and repeat steps 6-8	
To reset the END POINTS of STEERING servo to defaults	Press/hold MENU green LED blinks	۲۹۵ א 2 Press MENU green LED blinks (x2)	Press SET green LED blinks	Press SET red LED blinks	X4 Press MENU 3 times red LED blinks (x4)	X8 Press SET to reset end points	Press/hold MENU returns to driving mode				
To REVERSE the direction of THROTTLE servo	Press/hold MENU green LED blinks	۲۰۵۵ אין אין Press MENU green LED blinks (x2)	Press SET green LED blinks	Press MENU green LED blinks (x2)	Press SET red LED blinks	X8 Press SET to reverse servo direction	Press/hold MENU returns to driving mode				
To set the SUB TRIM of the THROTTLE servo	Press/hold MENU green LED blinks	۲ X2 Press MENU green LED blinks (x2)	Press SET green LED blinks	Fress MENU green LED blinks (x2)	Press SET red LED blinks	X2 Press MENU red LED blinks (x2)	Use Multi-Function knob to set neutral	X8 Press SET to save position	Press/hold MENU returns to driving mode		
To set the END POINTS of the THROTTLE servo	Press/hold MENU green LED blinks	Press MENU green LED blinks (x2)	Press SET green LED blinks	Fress MENU green LED blinks (x2)	Press SET red LED blinks	X3 Press MENU twice red LED blinks (x3)	Use throttle trigger to set desired max throttle or brake	Press SET to save Use trigger to test	IF END POINTS ARE OK: Press/hold MENU returns to driving mode	IF END POINTS NEED TO BE CHANGED: Press SET and repeat steps 7-9	
To reset the END POINTS of THROTTLE servo to defaults	Press/hold MENU green LED blinks	Press MENU green LED blinks (x2)	Press SET green LED blinks	Press MENU green LED blinks (x2)	Press SET red LED blinks	X4 Press MENU 3 times red LED blinks (x4)	Press SET green LED blinks (x8)	Press/hold MENU returns to driving mode			
To REVERSE the direction of SHIFT servo	Press/hold MENU green LED blinks	Press MENU green LED blinks (x2)	Press SET green LED blinks	Yress MENU twice green LED blinks (x3)	Press SET red LED blinks	Press SET to reverse servo direction	Press/hold MENU returns to driving mode	 	QIRADIO S	YSTEM • 15	

Download Now!







OWNERS MANUAL

1100 KLEIN ROAD, PLAND TEXAS 75074 1-888-TRAXXAS

"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod and iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod and iPhone may affect wireless performance. Made for · iPod touch (4th generation) · iPod touch (3rd generation) · iPod touch (2nd generation) iPhone 4S
iPhone 4
iPhone 3GS
iPhone 3G

^{Made for} **∂** iPod **↓** iPhone

120130 KC1500-R00