At this time we would like to thank you for purchasing the KR-409S. This product has adopted the current 2.4GHz SS system that allows the use of multiple channels without the need to search for an available open channel like the bands of a crystal system. This product corresponds to the transmitters that are sold by our company, listed below. Please read this instruction manual before using this product. Also please read the instruction manual of the transmitter being used.

**Corresponding Transmitter/RF Module**
- **Transmitter:** EX-5UR
- **RF Module:** RF-901S / RF-902S

**RF-901S / RF-902S Transmitter**

### Set Up Button

- **Name of Parts:**
  - **Antenna**
  - **Set Up Button**
  - **LED Lamp**

### Technical Specifications

**D.D.S. compatible**
- Response Mode Compatible (ULTRA / ADVANCED / SUPER / NORMAL / DO ADVANCED / DO HS / DO DS / DO NORMAL)

**Power Source:** 4.8-7.4V
- **Size:** 28x18.3x18.5mm
- **Weight:** 7.5g

### Installing the Antenna

- Please keep distance to the receiver site, due to noise from the receiver antenna if possible.
- Please keep distance to the receiver site, due to noise from the receiver antenna if possible.
- Please use plastic mounts and a plastic antenna tube.
- Please do not use a metal antenna mount because it will create noise and problems.
- To protect the main antenna, insert the antenna into the antenna tube. Also please do not disconnect or cut the antenna. This will cause loss of signal.

### Fail-safe function

- When the receiver loses the radio signal of the transmitter, and the function keeps channel 2 (throttle) in an optional position. The configuration is usually full brake or neutral.

### Configuration instructions

- **To turn on the transmitter, the transmitter will scan for a free frequency while the receiver scans for its paired module. This is called 'carrier sense'.**

### KR-409S compatibility with conventional models

- **When changing your conventional receiver to the KR-409S receiver, please note the following.**
- Check the operating range of each channel and re-adjust the travel, steering, throttle high point and brake points on your transmitter. For electric cars, ESC (speed controller) should also be reset to your transmitter.
- **If you use it without checking these setting, the servo may become damaged or may cause abnormal behavior.**

### KR-409S Instruction Manual

When using the receiver for the first time, the receiver must store the ID number of the module and ‘pairing’ of the receiver and module is not necessary. Pairing must be performed to the module or transmitter that is used is changed. When multiple receivers are used, each receiver must go through the pairing process at least once.

1. **Pairing mode for transmitter or RF module. The models differ for each, please refer to the manual of each model and the figure on the left.**
2. **Prepare the transmitter or RF module when you are ready to pair the KR-409S. (If you are using an electronic speed controller in your car, make sure you have the power connected and turned on when pairing.)**
3. **Hold the setup button on the KR-409S and turn on the power. Once the LED is lit, release the button and pairing is complete.**
4. **Once you've completed the pairing, turn off the power to the transmitter and receiver and verify connection by turning the system on again.**

### Note in regard to use and carrier sense

- **When turning on the transmitter, the transmitter will scan for a free frequency while the receiver scans for its paired module. This is called 'carrier sense'.**

### About Repairs

- If you request a repair, please report the fault in as much detail as possible. This will aid in knowing the problem and parts to be used and repair time.

- If you have any difficulties pairing, make sure that you are not around a wireless LAN or micro-wave. If you please move to a different location and try again.

- If pairing is complete, please turn off the power of the transmitter and receiver, and go on to use.

### Important Reminders

- **Please do not use the product inside an airplane, hospital, near any automatic control equipment, medical electrical machinery and apparatus such as fire alarms. In addition with respect to the law, if this product effects other radio equipment and electronic equipment, use must be discontinued at once.**

### Attention

- **This product is manufactured for surface use radio controls. “Discontinue use for all other purposes.”**
- Discontinue use when consuming alcohol or medication that may hinder concentration or judgement.
- Unexpected accidents are caused with a judgement mistake.
- When rain and puddles are present, please discontinue use.
- There are times when water enters into the equipment and control will be lost.
- Only use the batteries specified in the instruction manual of the transmitter.
- To turn off the system, start by turning off the transmitter then the receiver.
- To turn off the system, turn off the receiver first, then the transmitter in this sequence.
- Please be sure to use only our products for the transmitter and server.
- Concerning the damage and the like, which is generated when combining products that are not our company's genuine products we do not owe responsibility.
- Altering the transmission module is inhibited by law and is subjected to penal code violations. Resolution remodelling of all products may result in the cause of a short and other accidents. In addition, if this product is altered we will refuse service repair.
- Please do not use this product inside an airplane, hospital, near any automatic control equipment, medical electrical machinery and apparatus such as fire alarms. In addition with respect to the law, if this product effects other radio equipment and electronic equipment, use must be discontinued at once.
- In order to be able to do 'carrier sense' appropriately, the location where power of the transmitter is turned on should be as close as possible to where the model will be operated.

### KO PROPO

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