**RG831B 8ch 2.4GHz RECEIVER**

**DSSMS 2.4GHz 8ch**

**Coaxial antenna type, supporting bi-directional communications**

**Operation Manual**

Thank you for purchasing JR product.
To allow correct and safe use of this product, be certain to read this operation manual.

- **Note:** The contents of this manual are subject to change without notice, for improvement or other purposes. Please refer to the latest version.

**Features**

- Due to the size of the DSSMS system, cross modulation is implemented. This high sensitivity receiver is easily affected by instantaneous interference.
- A diversity system is installed that is capable of feeding back information such as the aircraft remaining battery power.
- Due to the size of the coaxial antenna and remote antenna, secure and precise communications can be realized.
- It is possible to confirm the receiving condition according to the lighting of the LED.
- Support is provided for the fail safe system in the transmitter.

**Configuration**

- **RG831B Receiver Main Unit**
- **RA01T Remote Transmitter**
- **RG Cable 150**
- **Binding Plug**
- **Operation Manual**

**To allow safe use, be certain to observe the following points.**

**Please Read Before Use**

- **Basic Precautions for Safe Use of the 2.4GHz System**
  1. The 2.4GHz band, which is a frequency exclusively for use with RC airplanes, this frequency band is in common use with the US (industry, science, and medical care) band (which is widely used for short distance transmissions such as microwave ovens, wireless LAN, digital telephones, audio, gaming devices, etc.), therefore, the resonance of the 2.4GHz system may be reduced in urban areas. Further, as it is also used for home and local area radio communications for mobile identification, please pay attention to the possible influences from these. In the event of any adverse radio wave interference on an existing wireless system, the user should immediately stop emitting wireless waves and take the interference avoidance measures.
  2. (A) A receiver and a transmitter, extreme the use of devices that affect the transmitter/receiver and be sure to confirm the safety beforehand. Also, always follow the instructions of the facility staff.

- (B) If an aircraft is allowed to pass behind a building, pole, tree, etc. the radio-detection/communication ranges may be reduced, the response may drop, even result in losing control. Always let aircraft run or fly within a range that you can visually observe.

- **In order to protect against injury to users or third parties, or damage to property, please pay close attention to the following instructions.**

**DANGER**

- The following can cause not only a fatal but also a dangerous situation. Do not use the product in high-risk areas: where many people are present, near children, etc. where there is a possibility of electrical shock, etc. Make sure the product is properly grounded and not used near water.
- Avoid using the product in high-risk areas, such as where there are many people or where electrical shock is likely.
- Be sure to check the following for safety:
  - Do not use the product in high-risk or dangerous areas.
  - Do not use the product where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.

**WARNING**

- The following can cause not only a fatal but also a dangerous situation. Do not use the product in high-risk areas: where many people are present, near children, etc. where there is a possibility of electrical shock, etc. Make sure the product is properly grounded and not used near water.
- Avoid using the product in high-risk areas, such as where there are many people or where electrical shock is likely.
- Be sure to check the following for safety:
  - Do not use the product in high-risk or dangerous areas.
  - Do not use the product where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.

**CAUTION**

- The following can cause not only a fatal but also a dangerous situation. Do not use the product in high-risk areas: where many people are present, near children, etc. where there is a possibility of electrical shock, etc. Make sure the product is properly grounded and not used near water.
- Avoid using the product in high-risk areas, such as where there are many people or where electrical shock is likely.
- Be sure to check the following for safety:
  - Do not use the product in high-risk or dangerous areas.
  - Do not use the product where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.
  - Do not use the product in high-risk areas, such as where there are many people or where electrical shock is likely.

**About the DSSMS Fail Safe**

The fail safe uses the Fail Safe function on the transmitter.

- **In the situation where binding is unsuccessful, confirm the following points.**
  - Is the remaining battery power of the transmitter and receiver sufficient? If so, replace the transmitter and receiver.
  - Is the receiver antenna securely connected? If so, replace the receiver antenna.
  - Is the distance between the transmitter and receiver too close? If so, move them further apart.
  - When the procedure is carried out on the top of shelf or bench that is made from metal, binding may not be successful.