

For your safety Please note the handling and use of this product.



The contents of this display show a possibility of death or where a serious injury may occur or a highly substantial damaging accident may occur.

•This product is manufactured for surface use radio controls. *Discontinue use for all other purposes. Discontinue use in the event of a thunder storm. *There is danger of a lightning bolt striking the antenna of the transmitter. •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 the system on, start by turning on 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 servos. *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 repair service. •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.



This displays shows the possibility or a substantially damaging accident which can cause Attention injury.

•Please avoid storage in a place of high temperatures and high humidity because it may cause the breakdown, damage and deformation of the product. •Please note when using with an engine model, place where exhaust and the waste oil will not come into contact with the product. *In case of submerging in oil or water, please send it out for repair. •This product's performance is designed for use in the shown specified usage which is based on this instruction manual and the instruction manual of the transmitter which is used. When the instructions are not understood, please contact our service department for advise. •After verifying the safety of use, think of all the accidents possible and please enjoy with responsibility

Our company cannot owe responsibility from the nature of the radio control models
And the customer assumes all responsibilities that result from this product being used.



Can not be used when there are over 20 radios in the same field/ring/track.

If there is a lot of traffic, radio problems will happen. Please do not use when this situation occurs. MC-8 uses 2.4GHz radio wave that is a citizen band that is also used for other electrical equipment. Please understand in advance that a radio problem may happen even if there are less than 20 being used.

Names of Parts

A to H channel connector

Connect servo motors and MD-1 to connectors that you want to control.

Battery Connector

Connect to battery

LED

LED is on when in communication. Blinks when searching for a paired transmitter.

Antenna

Please position vertically and as high as you can. Can insert antenna pipe for RC car to case of MR-8.

SET-UP Switch

Used when pairing.



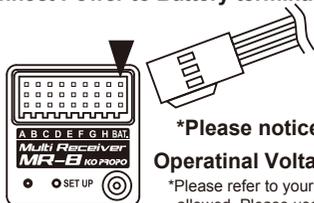
Usage

① **Connect Power to Battery terminal**

② **Connect servos or ESC that you want controlled to channels A-H.**

③ **Use after pairing with MC-8.**

*Please refer to the MC-8 manual about how to pair.



*Please notice direction of connector.

Operational Voltage: 3.0 to 6.6V

*Please refer to your servo or motor that you will connect for the maximum voltage allowed. Please use a power source that is lower than the maximum voltage.

Compatible models

Servo: PDS Servos / RSx Servos / BSx Servos/ KRS Servos (only LV servos) etc

*If you want to use KRS Servos, Please check off "only serial" check box by the ICS3.6 Servo manager and use.

ESC : MD-1/VFS-FR2/VFS-FR2 PRO etc Kondo kagaku co.ltd. products.

ESC stands for "Electronic Speed Controller" and is used for motor control. Used by connecting a compatible motor for each product.

*If you are using an ESC that is VFS-2FR, etc for RC cars, the ESC will supply power to the receiver. When using an ESC for RC cars, do not connect power to BAT channel in the receiver.

BatteryBox with switch : No. 26012 RX switch harness w/Dry battery holder

Switch harness : No. 26002 RX switch Harness w/BEC plug

Electrical control Switch : No. 60230 Electrical switch3

*Operating voltage, specification, etc will be changed by connecting devices.
Please check before operating.

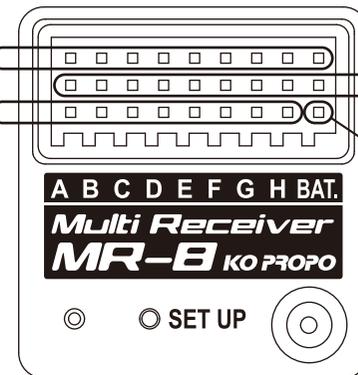
Pin assignment of connectors.

***Operating voltage, specification, etc will be changed by connecting devices. Please check before operating.**

Power (-) terminal
A~H, BAT. Terminal are same.

Power(+) terminal
A~H, BAT. Terminal are same.

Signal Terminal
Output signal for each channel is unique for CH A-H..



not used

Output signal specification when paired with MC-8.

1. Signal Type : PWM

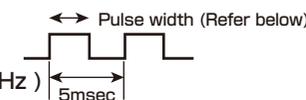
2. Repetition cycle : 5msec (200Hz)

3. Pulse width : •Digital proportional control (Maximum)

890 - 1496 - 2100µsec The pulse width will be changed when the stick is operated.

•CH-E/F : Momentary control
1496 - 1995µsec The pulse width changes only when pressing the stick.

•CH-G/H : Digital Trim control
997 - 1496 - 1995µsec The pulse width changes by operating the switch.



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