


**Brushless Motor**

**Speed Controls**

## Scanner RC Single Conversion Instruction left FM-PPM 4&6&8 Channel R/C Universal Receiver

### READ CAUTIONS AT BOTTOM

Scanner universal R/C receiver has been designed and developed using the latest manufacturing technologies and incorporated with the finest modern precision electronic components and universal R/C receiver is compatible current FM-PPM radio control transmitters.

**Please read these instructions carefully in order to obtain safe operation and maximum performance from your Scanner universal R/C receiver before you flying.**

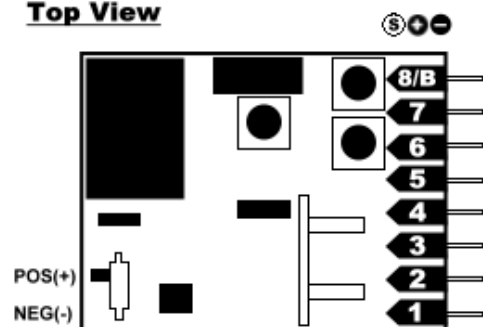
### PRECAUTIONS

1. check that your transmitter and receiver are operating on the same frequency.
2. check the polarity and integrity of connections when plugging servo connectors into your receiver.
3. in order to safely and properly operate your R/C equipment, please read thoroughly all manufacturers manuals and instructions.
4. always turn on the transmitter power first before you turn on the receiver battery, when you turn the system off, always turn the receiver off first, and then transmitter.

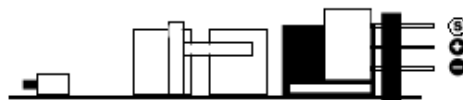
### INSTALLATION AND OPERATION

1. **Crystal:** for Scanner special function that you can use Hi-Bend and Lo-Bend **HC-50 STD** crystal in all of Scanner Universal receiver, make sure you insert same bend of crystal, For example JR RX x'tal connect to JR TX x'tal, or Futaba RX x'tal connect to Futaba TX x'tal. <Correct> For example JR RX x'tal connect to Futaba TX x'tal, or Futaba RX connect to Sanwa TX x'tal. <Wrong>
2. **RX Installation:** To protect the receiver we strongly recommend you to wrap it in vibration water, ensure that your receiver is adequately protected from moisture/liquids. Install your receiver with in your model and fix it securely.
3. **<Especially for 8CH RX>CHANGING THE BEND SHIFT in Hi-Bend or Lo-Bend** you must select Futaba(Lo-Bend) or JR(Hi-Bend) system, using the phase shift selection switch that installed at the left side of the casing, otherwise, its will not be operation properly. Futaba & Hitec (Lo-Bend) is Positive POS+  
JR & Sanwa & Airtronics (Hi-Bend) is Negative NEG-
4. **Receiver Antenna:** Do not alter the length of antenna (100cm/39in) or coil it up as range will be reduced, always carry out a range check prior to flight, always ensure the receiver antenna is positioned securely and safely in your model.
5. **Phase shift selection and connections as below CAD**

#### Top View



#### Side View



### Warranty

Scanner RC Universal Receivers are fully guaranteed against defects in material or workmanship for 12 months from date of purchase. The warranty does NOT cover damage to reverse-polarity connection of the battery, water or crash damage, nor any other claim not arising from a defect in materials or assembly. **You must contact your selling dealer with details of the problem before making a return.** In most cases, the problem is an issue with radio or controller setup, and can easily be resolved at no expense to you. Controllers returned without notice in which defects are not found will only be returned to the sender at his expense.

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