

■ Specifications

- CPU: 8 bits; I/O processing: 3/1000 sec.
- Pulse width that can be input/output: 0.8 to 2.2 msec.
- Frame width that can be input: 10 to 25 msec.
- **IMPORTANT:** Compatible receiver power supplies:
 - 1) 270 mAh or higher capacity when using four nicad cells (4.8V)
 - 2) 500 mAh or higher capacity when using five nicad cells (6V)
 - 3) Four type-3 alkaline dry cells (6V)
 - 4) 6V supplied by amp or regulator
- Compatible receivers: Change Kondo AM & FM receiver to all AM & FM receivers. Not compatible with PCM radio systems
- Operation supply voltage: 4V (BFS voltage) to 7V
- Current consumption: Approximately 4 mA/6V (with monitor lamp off)
- Dimensions: 34.8 × 20.5 × 8.4 mm (excluding protruding parts)
- Weight: 5.6g

■ Notes on Usage and Installation

- Do not use this device where it will be exposed to water or oil. The case is not watertight. Therefore, if the unit must be placed where it will be exposed to water or exhaust, try to make it as waterproof as possible by taping it or by applying a silicone sealant.
- Do not mount this unit where it will be in direct contact with a mechanical plate or other component that vibrates a lot. Tape the unit to the receiver case or the servo case.
- Mount the unit in a location where it will be well protected in the event of a crash.
- Do not mount this unit near sources of high temperatures, such as the engine.
- The unit will be damaged beyond repair if excessive voltage is applied to it, or if the connections are reversed.

■ Notice to Customers Using the Old Connectors

- This Fail-Safe Adapter uses the new-type connectors. In order to use this device, it is necessary to either mount new connectors on the servo leads, or else mount old connectors on the Fail-Safe Adapter leads. For details, refer to the instructions provided with the new connector housings.

■ Connection with a 7.2 V FET Servo

- Connect this unit between the receiver and the servo. The separate power supply terminal (blue) can be left connected as is.

■ Miscellaneous

■ Repairs

- Because most of the functions of this unit are handled by the CPU, it cannot be repaired if the CPU is damaged due to exposure to water or oil, or if the connections are reversed. Repairs are limited to replacement of the case, trimmer, leads and connectors.
- If the total cost of repair is more than half of the retail cost of the unit, we will deem it to be unrepairable. Note also that all repairs require replacement of the case (for which there will be a charge) because the case shell locks together when it is assembled, which means that it cannot be dismantled without damaging it.

- This unit is manufactured and sold for use in radio-controlled models. Do not use this device for any other purpose.
- The fail-safe adapter does not guarantee to protect the user's model from harm. Under no circumstances will the buyer be entitled to consequential or incidental damages.
- The contents of this manual are subject to change without notice.

KO PROPO

KONDO KAGAKU CO., LTD.

4-17-7 Higashi-Nippori Arakawa-ku,
TOKYO, 116-0014 JAPAN

Tel: +81-3807-7751 Fax: +81-3-3807-8155