

HINODE ESCAPEMENT " 11-CE "

TREATMENT MANUAL

HINODE COMPOUND ESCAPEMENT "11-CE" is designed by improving over all functions to be able to use the narrowest space in a boat and airplane freely without any anxious.

No.1 Method

- a) In Fig.1. Compound Escapement "11-CE", Fig.2. Standard Escapement "12-SE", it is shown the mechanism steering the rudder. Both figures, (a) shows the push-rod system, (b) the torque-rod system. On the push-rod we usually use the bar which is not slacken by the pushing force. On the other hand, the torque-rod is normally made of a piano wire and wooden bar which must have strong forces against twisting strength.
- b) Combining the Standard escapement with the Compound escapement, the both are together able to operate with the motor or the engine. Fig.3 shows the standard escapement is combined the motor. Fig.4 shows the standard escapement is combined the engine, and it has constructed to work simultaneously closing and opening of the inlet and the outlet of engine. On the motor controlling, the wiring layout in the boat are shown in Fig.5. On the engine controlling, all wiring layout is quite the same except the circuit of the motor.
- c) On installing with R/C for the boat or the airplanes.
Signal "—" left, (right).
Signal "— —" right, (left).
Signal "— — —" closing the contact point of the compound escapement, let the standard escapement work.

When the standard escapement is combined the motor, by the third signal "— — —" it performs starting or stopping of the motor; when it is combined the engine, it performs the operation just like cutout relay for the engine in high-speed or low-speed.

No.2 Adjustments.

It has already been adjusted on the process of manufacturing, so that you may usually use it without any regulations. But we will add only main point of adjustment.

- a) Adjust the contact point between the armature and the claw of rotor by the stopper of armature shown in Fig.6.
- b) Adjust the brake of the gear to revolve smoothly being in gear each other.

No.3 As regard the elastics.

It is suitable using about 4 lines of elastic as you need to construct the model plane, and these which had better more 10% longer than the interval of two hooks; and then twist it fully.

