

# THE "E.D. TAPLIN"

## UNIVERSAL POWER-DRIVEN ACTUATOR

This actuator is designed to operate either with a reed or "mark-space" type of radio receiver. When used with a reed type receiver it can be wired for either self-centring or non-self-centring, as required. As a steering unit for boats or aircraft it is preferable to have it self-centring. If wired in accordance with diagram A it will be self-centring i.e. it will always return to "neutral" when no signal is received. If it is desired to use it without self-centring, as for example on engine throttle control, or elevator, wires numbers 1 and 7 should be omitted. If it is desired to make the self-centring optional, wires numbers 1 and 7 may be broken with a double pole switch. Diagram B shows the wiring for mark-space type of receiver, in this case, however, the actuator is not self-centring. The operating arm of the actuator is provided with a spring-loaded slipping clutch to protect the gearing, and whilst adjustment is provided in the form of two locking nuts, these are set before leaving the works to provide adequate power, and should not be interfered with, since tightening too much will endanger the gears. Similarly all contacts are carefully adjusted and should not be tampered with.

Do not attempt to dismantle. Do not exceed 6 volts supply.

Do not attempt to adjust the contacts.

Do not remove the brushes from the motor.

In the unlikely event of the actuator failing to function correctly when received, return it to us, when it will be put in order free of charge, providing it has not been subjected to abuse.

