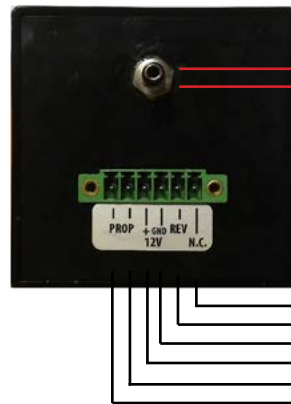# DUAL MODE GOVERNOR QUICK REFERENCE

A= Mode Selection switch
    MDP Driven
    Manual
    Constant RPM
B= Increase/decrease RPM knob
    (only CONSTANT RPM mode)
C= Increase/decrease RPM switch
    (only manual mode)
D= OLED DISPLAY

Connections

MAP (FROM ENGINE)
4mm tube is required.
4mm to 6mm joint and 6mm T joint
is provided

NOT CONNECTED
RPM Signal
12V GROUND (-)
12V +
PROPELLER MOTOR

- At power on, the governor move the propeller until the minimum pitch.
- OVERCURRENT error over 3 Ampere of current consuption.
- 5A time delayed fuse inside
- Control range: from 4000 to 5500 RPM (for Rotax engines)
- For installation, check the User Guide

First Setup

Power on the Governor keeping pressed C switch (down position) for 5 seconds
Pressing switch C (up position) for 2 second will rotate the available engines.
When the right engine is displayed, prese switch C in down position for 15 seconds until OK will appear on the screen

MDP DRIVING Mode

Full Automatic mode: the display show the TARGET RPM calculated by the microprocessor and the Governor move the propeller motor in order to achieve the target RPM.
A flashing arrow means that the governor are driving the motor. A empty fixed arrow means that an end run switch is reached
In lower left corner the MAP measurement is displayed

MANUAL Mode

In the Manual mode the motor of the propeller is driven directly from C Switch without any control of microprocessor.
C switch UP = + RPM = -Pitch
C switch DOWN= - RPM = + Pitch
The display show the real RPM. When the propeller motor is moving, a measurement of current consuption in showed, for diagnostic pourpose.

CONSTANT RPM Mode

By turning the B knob, pilot can move the target RPM. The display show the target RPM and the Governor move the propeller motor in order to achieve the target RPM.
A flashing arrow means that the governor are driving the motor. A empty fixed arrow means that that an end run switch is reached
In lower left corner the MAP measurement is displayed

Automatic take-off

MDP DRIVING Mode / CONSTANT RMP Mode
After power on and for only 1 time, when the governor read a RPM equal to 5000, automatically enter in TAKE-OFF mode.
In this mode, the microprocessor add 300 RPM to the target for 3 minutes in order to reach a maximun of 5800 RPM insteead of 5500 (for Rotax engines).