

# **USER GUIDE**

## ***Governor controller***

*Version: 0.1*

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## Contents

1	Quick guide for pilot interface .....	2
1.1	Interface diagram .....	2
2	Rest of manual is in progress .....	3

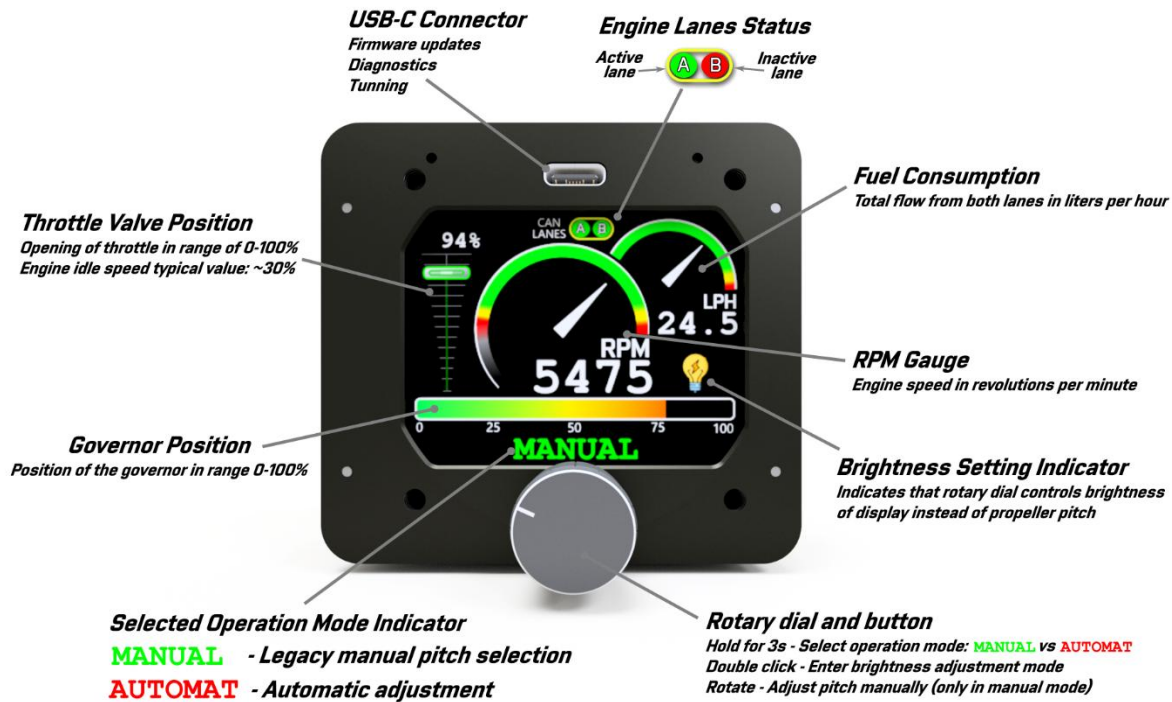
# 1 Quick guide for pilot interface

The data presented on the interface display are obtained from the engine's CAN-BUS. For redundancy, the device utilizes both engine LANES, with LANE A serving as the primary source and LANE B as the secondary. The device is capable of operating with only a single active LANE. In the event that no LANES are available, the device automatically reverts to legacy MANUAL control and adjusts the propeller to the finest pitch setting to minimize engine load.

Upon startup, the device initializes in MANUAL mode with the governor positioned at the finest setting. Additionally, a passive failsafe mechanism ensures that the propeller defaults to the finest position if the device loses supply power.

## 1.1 Interface diagram

For overview of the interface operation, see the diagram provided below:



## **2 Rest of manual is in progress**