SBUS2 telemetry adapter for Futaba 18MZ & JetCat ECU· HW 2·0

Connections & Use (with 18MZ 2.5.1 SW. Unfortunately 14SG has no support for JetCat V10 sensor yet)

- Register sensor to your transmitter - Refer to Futaba 18MZ manual for details:
  1. Connect Servo cable to SBUS2 connector of your Futaba transmitter.
       (with 18MZ you also need to connect receiver battery with Y-lead to the transmitter's SBUS2 connector!)
  2. Go to *SENSOR* -menu and call *REGISTER* -method.
       (*CHANGE SLOT* -method also supported for manual slot selection as needed.
       HINT: Setting Jetcat V10 sensor manually with CHANGE SLOT -method provides more freedom to select slots if you run out of free slots! You also need to select JetCat V10 sensor to corresponding SLOT manually @SENSOR -list if you use Change slot.
       Reload & Relocate -methods not functional / not needed)
     → Sensor appears to TX's slot list as **JETCATV10** sensor
- Connect servo cable to SBUS2 connector of your telemetry enabled receiver, Connect "phone cable" to GSU connector of ECU
- All Futaba MZ18 JetCat V10 sensor displays are enabled with exception of Current, Thrust & Fuel Quality as not supported by V6.0 ECU. Some restrictions applies to status display too due to ECU restrictions. You can set warnings with your TX software.
- ECU has to be powered and active to adapter to be functional: When both SBUS2 signal & ECU are present adapter led blinks frequently indicating active telemetry data transmission.
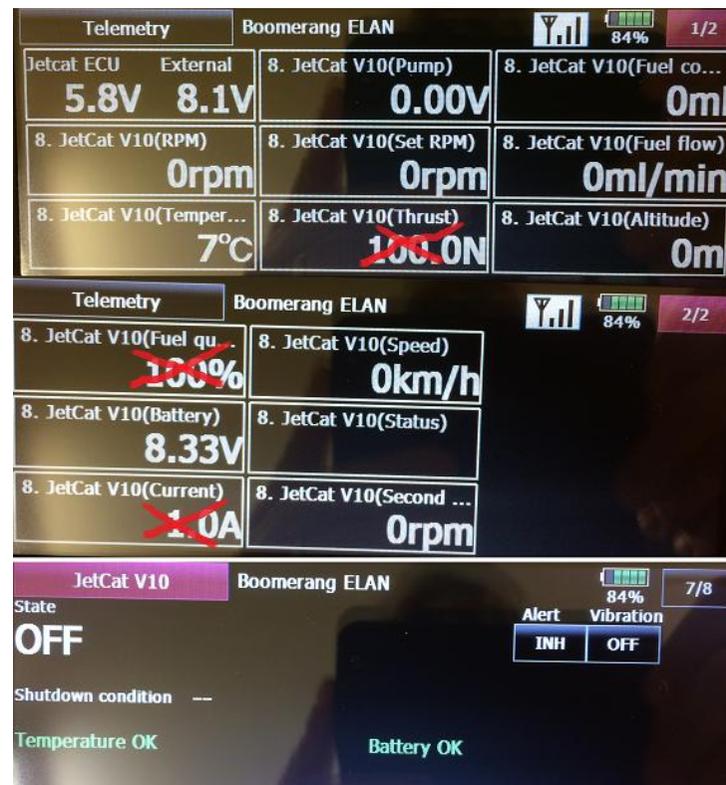
WARNING! Failure to comply may cause permanent damage and/or malfunction:

- USE ONLY JetCat original "phone" cables or the cable provided with the adapter! Cable must have all connections 1-to-1, absolutely no crossed connections.
- If other sensors connected to SBUS2 make sure sensor slot numbers are not conflicting with the adapter slots! Select free slots before connecting other sensors!
- Always perform full Radio functionality & range test with engine running.
- With dual receiver configuration always connect sensor to the PRIMARY RX SBUS2 connector.

Technical specifications

- Compatible with JetCat Ecu "V6.0" or higher conformant with JetCat Serial interface description v.1.15
- 9600baud ECU comm. (default, Do not change ECU settings)
- ECU default slave addr 1 (single turbine use only. don't change)
- Tested with Futaba SBUS2 receivers: R7008SB & R7003SB
- Tested with Futaba 18MZ, Requires firmware **SW ver 2.5.1**
- Compatible with Futaba & Robbe sensors
- Voltage range: 3.5V - 10V (2S LiPo OK)
- Data provided as supported by V6.0 ECU & Futaba 18MZ: Turbine RPM, EGT (°C), Pump Voltage (V), Running state & off condition, Fuel flow (ml/min), consumed fuel (ml), Ecu battery Voltage (V), Altitude(GPS), Speed, 2nd shaft RPM, set RPM
- ECU signal opto-isolated for maximum safety
- Weight: <8g. including 30cm SBUS2 cable, size: 30x18x16mm
- ROHS compliant