

# Futaba 18MZ SBUS2 telemetry adapter for JetCat ECU

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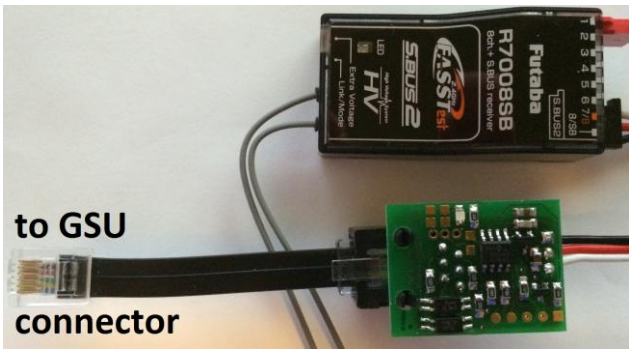
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## Connections & Use (with 18MZ 2.5.0 SW. Older emulation version available for 14SG as no support for JetCat V10 sensor yet)

- Register sensor to your transmitter - Refer to Futaba 18MZ manual for details:
  - 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!)
  - 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.

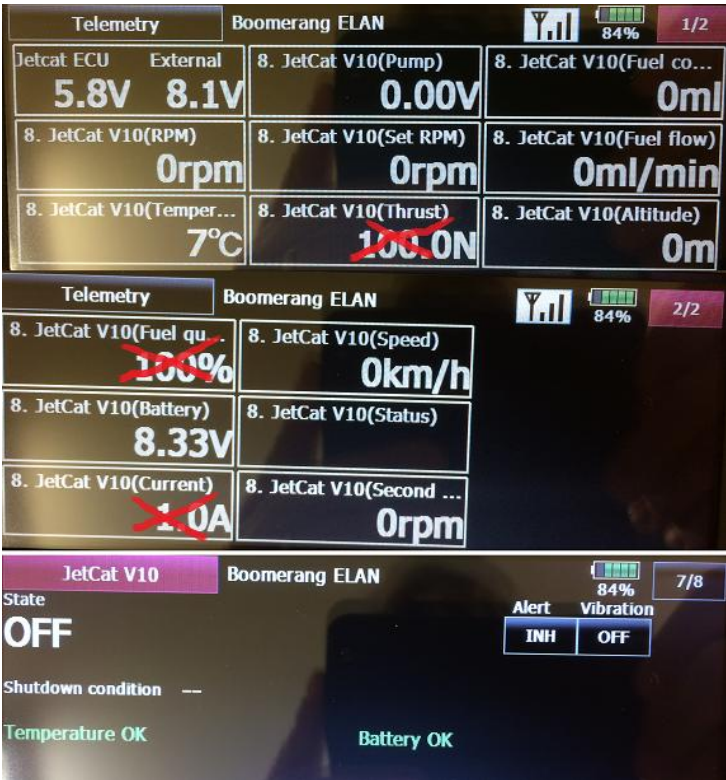
**WARNING! Failure to comply may cause permanent damage and/or malfunction:**

- 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.



## 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 **SW ver 2.5.0**
- 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: 12g. including 30cm SBUS2 cable & 10cm ECU cable



### Disclaimer

Manufacturer or seller of the adapter assumes no responsibility for possible damages or malfunctions caused directly or indirectly by the use of the adapter. Seller has no opportunity to ensure correct use of the adapter and sufficient testing before use. Also compatibility of other devices possibly used simultaneously in the same system cannot be verified by the seller or manufacturer.

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