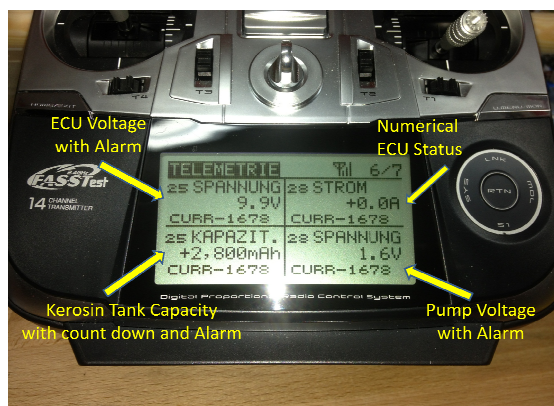


ECU Protocol Data Converter (FEPC)

A Data Protocol-Converter compatible to Robbe/Futaba Sbus2 and JetCat Engine-Control-Unit (ECU) from Version 6.x und 10.x

Firmware Version 1.7



Use and Features:

- Easy implementing, no PC is necessary! Plug and Play!
 - Compatible to ECU's from JetCat with Version 6.x and 10.x (plus ECU 6.x.R support**)
 - **Following ECU measuring values are transmitted to the radio control:**
 - ECU accumulation-voltage (Volt) with adjustable low voltage warning*
 - Kerosine Pump Voltage* or display of FEPC Software Version**
 - EGT exhaust temperature (°C)*
 - Turbine driving-speed (U/min.)*
 - Tank fuel volume with adjustable fuel alarm (buffer)*
 - Fuel flow-rate*
 - Turbine ECU Status (numerical)
 - Turbine ECU last switch off condition (numerical)
- *Note: Upper and lower Alarm values can be set in the Transmitter
** New in Version 1.7
- The most important GSU data are visible in your Futaba radio control
 - **Galvanic separation** of ECU- to receiver current circuit (it avoids electric blockages caused by the turbine or the turbine current circuit)! Maximum security for the Sbus2 user!
 - Future-proof!!! A supplementary software upgrade is possible (new features)
 - 40Mhz RISC CPU (fast processing of the measure values) Nano Watt Technology
 - Small, light, also fits in smaller models
 - English Manual
 - Made in Germany

The Following Robbe/Futaba transmitter and Display Boxes with Sensor Data are supported by the FEPC ECU Protocol Converter:

Transmitter T18MZ, T14SG, FX-32 and FX-22

Robbe Futaba Telemetry Box

Receiver R7008SB and R6308SBT

Operation

After switching on the radio control the „handshake“ between Telemetry Bus and ECU electronic occurs automatically. Now you can fly. The current telemetry-data are transmitted to your radio control.

FEPC Protocol Converter Spezifications	
Input voltage range	4,5-9,0Volt
Measure values	ECU-Voltage, EGT, RPM, Tank- Volume, Pump-Voltage and Flowrate
Status values numerical	ECU-Status and OFF Condition
Save of Slot Adresses	Yes always in EEPROM
Galvanic separation ECU/ RC	Yes
Startup-Time	2sec.
Optical signalisation	Bus Transmit
Sbus2 compatible	Yes
Measurements B x L x D in mm	46 x 60 x 10
Weight	35gr.

Technical changes reserved!

Scope of delivery: FEPC Protocol Converter with connection cable to ECU (RJ-11), Manual and Set-Card for ECU Status and Off-Condition.

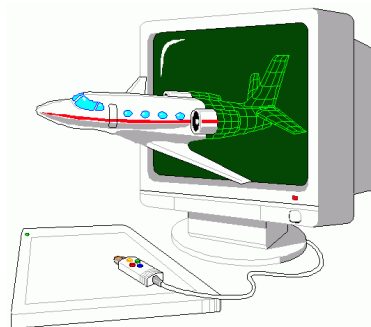
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FASSTest and S-Bus-2 is a Trade-Mark of Robbe/Futaba. We like to thank Robbe/Futaba for the license of S-Bus-2 protocol documentation Rev. 0.5

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