

ECU Protocol Data Converter JJXC-EX

A Data Protocol-Converter compatible to Jeti EX telemetry and JetCat Engine-Control-Unit (ECU) from Version 6.x ,10.x, 6.10R and Robbe Ropulsion V.10 10R112.

Firmware Version 1.1



Use and Features:

- Compatible to ECU's of JetCat from Version 6.x, 10.x, 6.10R und Robbe Ropulsion V.10 10R112
- Easy implementing, no PC is necessary! Plug and Play!
- Following ECU measuring values are transmitted in Jeti EX format to the radio control:
 1. ECU accumulation-voltage (Volt) EX Data Display
 2. EGT exhaust-temperature(°C) EX Data Display
 3. Turbine driving speed (U/min.) EX Data Display
 4. Tank fuel-volume (mL) EX Data Display
 5. Fuel flow-rate (mL) EX Data Display
 6. Pump-voltage (Volt) EX Data Display
 7. ECU Turbine Status Jeti Box Display
 8. ECU Off Status Jeti Box Display
 9. Post Flight Min/Max pump-voltage Jeti Box Display
- The most important GSU data are visible in your radio control
- Galvanic separation of ECU- to receiver current circuit

- Future-proof!!! A supplementary software upgrade is possible (new features)
 - 20Mhz RISC CPU (fast processing of the measure values) Nano Watt Technology
 - Small, light, also fits in smaller models
 - English Manual
 - Made in Germany
- Supports the Jeti telemetry directly on Jeti Receiver (Extern linkage) or via Central Box CB200. The EX-4 Expander (new EX Version) can also be used. **For this, please consider the separate instruction-sheet JJXC-EX/EX-4. New in JJXC-EX Version 1.1 is the Jeti Rex receiver support.**

Following Jeti Radio-Controls and Display Boxes with Sensor-Data are supported by JJXC-EX ECU Protocol Converter:

Radio-Control DS-16

Radio-Control DC-16

Radio-Control DC-14

Jeti Profi Box Ver. 1.17 & 1.20

Tx Nor.Flight 14:55:31 100%		Tx Nor.Flight 14:54:19 100%	
Jetibox Turbine Status Slow Down		EGT 533°C	ECU-V 9.90V
Test Page 1/3		RPM 44200rp	TANK 2130ml
EGT 212°C		Test Page 3/3	
RPM 5500rp		PumpV 0.30V	
Opt. Start Clr		F-FLO 89ml	
Tx Nor.Flight 19:35:32 94%		Tx Nor.Flight 19:35:20 94%	
Jetibox Off Condition\> No Off Con. def.		Jetibox MaxP: 2.415Volt > MinP: 0.46Volt\>	
Test USB Page 1/3		Test EGT 19°C	
EGT 19°C		RPM 22600rp	
RPM 22500rp		USB Page 1/3	
Ok		Ok	

Post Flight Pump Voltage

JJXC-EX Protocol Converter Specifications	
Input voltage of ECU / of receiver	5,0Volt / up to max. 9Volt
Measure values für Jeti EX	ECU-Voltage, EGT, RPM, Tankvolume, Flow-Rate and Pump-voltage
Alarmvalues	Yes below EX Alarms
Save of Setup and Alarm	in the Radio-Control
Galvanic Separation ECU/ RC	Yes
Startup-Time	3sec.
Optical Signalisation	Bus Transmit
Jeti compatible	Yes Jeti EX
Measurements W x L x D in mm	46 x 60 x 10
Weight	35gr.

Technical changes reserved!

Scope of delivery: JJXC-EX Protocol Converter with connection cable to ECU (RJ-11), Manual CD-ROM with Audio WAVE data files.

All our products are conformable with ROHS.

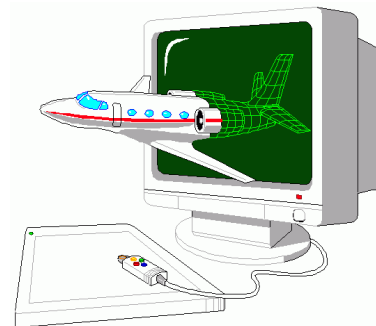
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All Jeti descriptions are a Trade-Mark of Jeti model. We like to thank Jeti for the license of Jeti protocol documentation and JetCat for the ECU protocol-release.

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