Manuals+ — User Manuals Simplified.

jastecM Von Series OBD-II Protocol Based Data Receiver Instructions

Contents

jastecM Von Series OBD-II Protocol Based Data Receiver

WARRANTY

1. **Device Info**
   - Model :JTLC-5000

- FCC Certification

2. **Warranty Period**
    - 1 year after purchase

3. **Coverage**
    - Immediately and effectively notify Guarantor about determined device's defects and cease any using of it.
    - The Warranty does not cover: Damages due to the user's fault or lack of knowledge

4. **Return and change**
    - Returns are only accepted within a week. It must also be in the original packaging.
    - For the change of mind return, shipping fee will be charged

5. **Miscellaneous**
    - For those who cannot confirm purchase date, warranty start date will be correspondent to activation date.
    - Repair fee will be charged for the following cases
        - Damage due to the user's fault or lack of knowledge
        - The device that has been tempered with reconfiguration, repair, willful constructional variations, modifications and adjustments
        - Damages caused by acts of God, floods, fires, lighting or other natural disasters, wars, unexpected events, inappropriate voltage, defective supply materials or other external factors;
        - Defects resulting from the usage of improper or non-genuine supply materials;

6. **Contact**

Warning Statement

FCC Part 15.19 Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC Part 15.105 statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reason able protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Part 15.21 statement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RF Exposure
This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

Please note

1. The warranty does not cover mechanical or electric damages resulting from drowning
2. The warranty does not cover the device that has been tempered with by the Warranty beneficiary or any other person in any way, including reconfiguration, repair, willful constructional variations, modifications and adjustments
3. Do not either attach or detach the device while engine is on
4. Beware of chemical products
5. Proper service temperature is between -20-+70°C
6. Do not apply any physical impact to the device and cable
7. Please apply rated voltage
8. Please park the vehicle in a safe place for installation
9. Please beware of surrounding while attaching/detaching a device for your safety
10. Please keep check the device attached regularly for service continuity
11. The device's standby power may affect your vehicle battery condition

Specification

Processor	32-bit ARM Cortex-M4(1024KB Flash, 192KB SRAM)
Memory	Internal Memory 8MB
Status	3-LEDs (ECU,GPS,NETWORK)
Protocol	ISO 9141-2, ISO 14230-4(KWP-2000), ISO 15765-4(CAN)
Support	SAE J1979 Mode $01~$0A
Interface	SAE J1962 Standard OBD-II 16 PIN Connector

Network	LTE Cat.4 Quectel EC25-AF(D) LTE FDD – B2/B4/B5/B12/B13/B14/B66/B71 UMTS – B2/B4/B5
SIM Type	MFF2, Embedded SIM
WiFi	IEEE 802.11 a/b/g/n/ac (Hotspot Support)
GPS	U-Blox, EVA-M8E GPS, Glonass, Galileo, QZSS
Sensor	9-axis (Accelerometer/Gyroscope/Magnetometer) BMX160
External Port	Key Fob, RS-485 (H.D), CAN2
USB Port	USB 2.0, VCP Supported
Voltage	DC 12V ~ 24V
Consumption	Max Power : ≤4000mW, Sleep : ≤60mW
Dimensions	52.7mm(W) x 25mm(D) x 73.3mm(H)
Weight	54g
Operating Temp	-20 ~ +70 ℃
Storage Temp	-40 ~ +80 ℃

LED Status

The lowest order of priority is indicated for multiple status

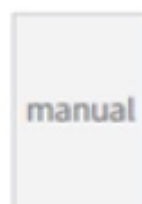| No.	Status	UI				No.
		Red (ECU)	Yellow (GPS)	Blue (Network)	Buzzer	
1	Device booting	Blink (0.5s)	Blink (0.5s)	Blink (0.5s)		1
2	ECU Communication	ON			Beep (0.5s x 1)	3
3	GPS Connection		ON			3
4	Network connection			ON		3
5	Data transmitting			Blink (0.5s)		4
6	Hibernate	OFF	OFF	OFF		1
7	Setting error	Blink (1s)			Beep (0.1s x 4)	2
8	Dangerous driving				Beep (0.5s x 2) (0.1s x 1)	5

Components

- [Device]

- [Manual]

- [Extension Cable]
  (Available separately)

1. Please turn off the engine before installation
2. Locate OBD port (Usually located on the left of the steering wheel and underneath your dashboard)
3. If you are having a difficulty covering fuse box after installation, please detach OBD port and push toward the fuse box ..
4. If installation is complete LED light will be turned on.
5. Start your engine after fixing the device

Documents / Resources

	jastecM Von Series OBD-II Protocol Based Data Receiver [pdf] Instructions JTLC-5000, JTLC5000, 2ASMR-JTLC-5000, 2ASMRJTLC5000, von -U61, Von Series OBD-II Protocol Based Data Receiver, OBD-II Protocol Based Data Receiver, Based Data Receiver, Data Receiver, Receiver

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