

TXT MULTIHUB

The top-of-the-range interface



GO EASIER. GO MULTIHUB.

TEXA

The top-of-the-range solution versatile, quick, intuitive, in any situation

In recent years, the diffusion of electronics on board vehicles has been exponential and has reached a very high level of complexity. Today repair specialists must be capable of working at their best on **different types of vehicles**, with **different diagnostic protocols** and **multiple connection modes**.

In such a context, TEXA developed **TXT MULTIHUB**, an extremely versatile vehicle interface that easily adapts to maintenance activities making them quick and intuitive, in any situation.

It is a technologically advanced solution, rich in unique **technical and constructive features**, such as: the possibility to operate in 5 environments, the presence of a built-in display, the IP53 certified rugged design, an intelligent connectivity guaranteed by the Linux operating system, the management of CAN FD, DoIP, Pass-Thru protocols and much more.

DoIP

Wi-Fi

**On-Board
Intelligence**

**Built-in
Display**

5 Environments

**IP53
Rugged
Design**

PASS-THRU



A unique tool, for all the environments

TXT MULTIHUB is the only diagnostic tool capable of intervening on **cars, heavy-duty vehicles, motorcycles, boats, agricultural and construction vehicles.**

At all times it guarantees **unparalleled performances** so to complete operations the best way possible, with maximum customer satisfaction.





Great usability, thanks to the built-in display

TXT MULTIHUB is equipped with a practical backlit **display** that gives it **great usability** and the possibility to view the information based on three types of messages:

- **communication mode** with the display unit
- **charging voltage** of the battery in the vehicle it is connected to
- **operating status** that can be standard diagnosis, DoIP Wi-Fi, DoIP Ethernet, Pass-Thru.

Furthermore, it allows having constant control on the tool's operation: it reproduces **more than 40 messages** that provide technicians with all the information they need during diagnostic operations.



Battery voltage at a glance

TXT MULTIHUB indicates in the display, in real time, the **voltage of the battery in the vehicle** it is connected to. This is essential in order to carry out certain diagnostic operations such as an adjustment.

Robust, practical, handy

a “rugged tool” perfect in any situation

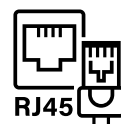
TXT MULTIHUB is equipped with a **special reinforced body** with anti-shock corners. Its certified protection level is **IP53**, therefore it resists splashes of water and dust. Furthermore, the military standard **MIL-STD 810G** transit drop test allows it to absorb impacts and falls. All these features allow the tool to **give its best in any operating situation**.

TXT MULTIHUB is also **very handy** and nice to see thanks to its special **“rugged design”** and to the aesthetic care it was built with.



“No limits” connectivity

a true MULTIHUB



The interface uses an **advanced connectivity**; it allows mechanics to work on any type of vehicle that enters the workshop with **great flexibility and rapidity**.

The tool communicates with the display unit through:

- a **Wi-Fi module** for the diagnostic operations that use standard **CAN, CAN FD** and **DoIP**
- a **network cable** (Ethernet) reserved for DoIP operations (ISO 13400)
- a **Bluetooth module** for conventional diagnoses
- a **USB socket** for all types of diagnosis, including the **Pass-Thru** (SAE J2534-1 and SAE J2534-2).



CAN FD, for high-intensity data transmission

The **CAN FD** (Controller Area Network Flexible Data-Rate) protocol allows transferring information, even large-sized, 5 times quicker. With TXT MULTIHUB even managing this communication standard is easy and intuitive.

Built-in DoIP, even wireless

TXT MULTIHUB allows easily performing the **diagnosis on vehicles equipped with DoIP** (Diagnostic over Internet Protocol) technology, **even in Wi-Fi**. This standard, developed to manage the massive presence of electronics in vehicles and the impressive mass of elaborated diagnostic data, requires using a connection based on the IP protocol.



Pass-Thru, direct access to the manufacturers' data

TXT MULTIHUB, as already stated, is ready to operate in any configuration, even passing from a standard diagnosis to **Pass-Thru** in a **completely automatic** way. It is compliant with the **SAE J2534-1** and **SAE J2534-2** regulations, therefore it can connect to a vehicle and provide direct access to maintenance and diagnostic data made available by the vehicle manufactures and essential, for example, to update the software in one or more control units.

Linux “on-board” operating system a continuously evolving interface

TXT MULTIHUB is equipped with the **Linux operating system** that gives it great usability and the possibility to evolve, adapting without problems to new future functions. Furthermore, Linux improves its IT security and efficiency thanks to the **communication in Smart mode**: the interface **automatically switches the channels** based on the workshop dynamics and on the types of diagnosis, and **always chooses the best connection available** without the mechanic having to intervene.





The best Wi-Fi configuration Station or Hotspot

TXT MULTIHUB can connect to the display unit in **Station configuration**, thus using of the workshop's W-Fi network or, alternatively, a smartphone. This option guarantees greater coverage and a quicker exchange of data between the IDC5 software and the TEXA VCI.



In **Hotspot configuration**, instead, a "point-to-point" wireless connection can be creates between the TXT MULTIHUB and the display tool. This is a very useful option when the workshop does not have a Wi-Fi connection, but the diagnostic operations requires **greater coverage and speed**, features that the Bluetooth cannot guarantee.



TEXA

Founded in Italy in 1992, TEXA is today a world leader in the design, industrialisation and production of multi-brand diagnostic tools, exhaust gas analysers, air conditioning charging stations and telediagnostic devices, for cars, bikes, trucks, boats, and agricultural vehicles. TEXA is present all over the world with a widespread net of distributors: it commercialises directly in Brazil, France, the UK, Germany, Japan, Spain, the US, Poland and Russia through its subsidiaries. TEXA currently employs some 700 people around the world, including over 150 engineers and specialists working in Research and Development. Over the years, TEXA has received a large number of prizes and awards for innovation, in many countries worldwide. All TEXA tools are designed, engineered and built in Italy, using extremely modern automated production lines which guarantee maximum precision. TEXA is particularly committed to the quality of its products: it obtained the strictest certifications, such as the TISAX (Trusted Information Security Assessment Exchange), a standard defined by the VDA, the German Association of the Automotive Industry, which guarantees the highest level possible of information and know-how protection against increasingly frequent cyber-attacks. It joins other certifications, such as the IATF 16969, specific for first automotive suppliers; the VDA 6.3, another method by German manufacturers that established itself as an international point of reference; and the ISO/IEC 27001 in the information security field.

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