TXT MULTIHUB

The top-of-the-range vehicle interface

GO EASIER. GO MULTIHUB.

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, PassThru protocols and much more.

DoIP

Wi-Fi

On-Board
Intelligence

Built-in
Display

5 Environments

IP53
Rugged
Design

PassThru

TEXA

.ıl 1234_WIFI

12.1v   Max. 12.1
        Min. 11.8
DIAGNOSIS

TXT
MULTIHUB

DoIP   USB
          DEVICE   USB   PWR

DIAGNOSIS   PV

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.

MAIN MESSAGES:

TYPE OF COMMUNICATION
- USB
- BLUETOOTH
- WI-FI (STATION CONFIG)
- WI-FI (HOTSPOT CONFIG.)

VEHICLE BATTERY CHARGE INDICATOR

OPERATING STATUS
- READY
- DIAGNOSIS
- DOIP
- DOIP ETHERNET
- PASSTHRU

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

WiFi

RJ45

USB

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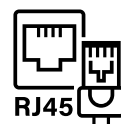
The interface uses an **advanced connectivity**; it allows mechanics to work on any type of vehicle that enters the workshop with **great flexibility and rapidity**.

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 **PassThru** (SAE J2534-1 and SAE J2534-2).

Built-in DoIP, even wireless

TXT MULTIHUB allows easily performing the **diagnosis on the vehicles equipped with DoIP** technology (Diagnostic over Internet Protocol), **even in Wi-Fi.** Developed to manage the massive presence of electronics in vehicles and the considerable amount of processed diagnostic data, this standard 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 switching from a standard diagnosis to **PassThru automatically**. 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 the diagnostic and maintenance data made available by vehicle manufacturers, which is essential, for example, to update the software in one or more control units.

Quick, reliable, safe diagnosis even on vehicles with multi-channel CAN FD

Thanks to the new CAN FD adapter* to be connected to the TXT MULTIHUB, the tool can communicate with the vehicles equipped with CAN FD protocol, supporting the PassThru operations and the diagnosis on vehicles with multiple channels. This feature is therefore extended also to the vehicles of the brands that use this architecture. The CAN FD protocol is among the most recently introduced in the scene of vehicles and stands out for being much faster, reliable and safe.

* optional accessory to be purchased separately

Linux operating system "on board"
a constantly evolving interface

TXT MULTIHUB is equipped with the **Linux operating system**, which gives it great usability and the possibility to evolve, seamlessly adapting to new future features.

Linux also 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 the type 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 Wi-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.

Simplifying the present, anticipating the future

Founded in 1992
30,000 covered sq. m
in an area of over 100.000 mq
2 new plants

8 branches in the world

Over 850 TEXA employees in the world
over 150 specialised R&D engineers

700 Distributors
over 200,000 active
customer workshops

Patents
58 Master, 110 total

Certifications
ISO 9001   ISO/IEC27001
IATF 16949   TISAX
E.P.A.   ISO 14001:2015

To check out the extensive coverage of TEXA products, go to:
www.texa.com/coverage

To check on IDC5 compatibility and minimum system requirements, go to:
www.texa.com/system

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TEXA S.p.A.
Via 1 Maggio, 9
31050 Monastier di Treviso
Treviso - ITALY
Tel. +39 0422 791311
Fax +39 0422 791300
www.texa.com - info.it@texa.com

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