

NAVIGATOR NANO S



TEXA

Rev.

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1 Revision of the Manual

This document is the technical manual for the product:NAVIGATOR NANO S

Document Review Number:08

Date of Issue:03/02/2021

INFORMATION



Read this manual before using the product.

Read the documents carefully whenever the General Risk symbol is shown.

INTRODUCTION

Dear Customer,

We would like to thank you for choosing a TEXA product for your workshop.

We are certain that you will get the greatest satisfaction from it and receive a great deal of help in your work.

Please read through the instructions in this manual carefully and keep it for future reference.

Reading and understanding the following manual will help you to avoid damage or personal injury caused by improper use of the product to which it refers.

TEXA S.p.A reserves the right to make any changes deemed necessary to improve the manual for any technical or marketing requirement; the company may do so at any time without prior notice.

This product is intended for use by technicians specialized in the automotive field only. Reading and understanding the information in this manual cannot replace adequate specialized training in this field.

The sole purpose of the manual is to illustrate the operation of the product sold. It is not intended to offer technical training of any kind and technicians will therefore carry out any action under their own responsibility and will be accountable for any damage or personal injury caused by negligence, carelessness, or inexperience, regardless of the fact that a TEXA S.p.A. tool was used for the actions based on the information within this manual.

Any additions to this manual, useful in describing the new versions of the program and new functions associated to it, may be sent to you through our TEXA technical bulletin service.



















This manual should be considered an integral part of the product to which it refers. In the case it is resold the original buyer is therefore required to forward the manual to the new owner.




Reproduction, whole or in part, of this manual in any form whatsoever without written authorization from the producer is strictly forbidden.

The original manual was written in Italian, every other language is a translation of the original manual.

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2 LEGEND OF THE SYMBOLS USED

	Toxic material hazard		Risk of crushing hands
	Explosive material hazard		Floor level obstacle warning
	Electric shock hazard		Laser beam hazard
	Electromagnetic field hazard		Low temperature danger - freezing
	Flammable material hazard		General Risk
	Hot surface hazard		Obligation to read the instructions
	Corrosive substance hazard		Safety glasses required
	Risk of noise level above 80 dbA		Protective gloves required
	Moving Parts Risk		Disconnect mains plug from electrical outlet

	This is not a safety symbol. It indicates a hazardous situation which, if not avoided, will result in serious permanent injury or death.
	This is not a safety symbol. It indicates a hazardous situation which, if not avoided, may result in serious permanent injury or death.
	This is not a safety symbol. It indicates a hazardous situation which, if not avoided, may result in minor injury.

NOTICE

This is not a safety symbol.

It indicates a hazardous situation which, if not avoided, may result in material damage.

INFORMATION

This is not a safety symbol.

It indicates important information.

3 SAFETY RULES

The technology used for the design and inspection of the manufacture of the **NAVIGATOR NANO S** diagnostic tools, make them reliable, simple and safe to use.

Personnel in charge of using the diagnostic tools is required to follow the general safety rules and use the **NAVIGATOR NANO S** devices for their intended use only. Furthermore, they are required to carry out the maintenance as described in this manual.

All the requirements based on the following must be assessed and applied:

- *Labour inspectorate.*
- *Trade associations.*
- *Vehicle manufacturers.*
- *Anti-pollution regulations.*

3.1 Glossary

Operator: qualified person responsible for using the diagnostic tool.

Tool / Device: NAVIGATOR NANO S

INFORMATION

The definition of "operator" cannot be applied to minors or to people with reduced physical, sensory or mental capabilities or without any experience or knowledge required.

3.2 General Rules



The operator must have carefully read and fully understood all the information and instructions in the technical documents provided with the tool. If the operator is not able to read this manual, the operating instructions and safety indications must be read and discussed in the operator's native language.

- *The operator that works on vehicles must have basic qualifications and knowledge of mechanics, automotive engineering, vehicle repairing and of the potential dangers that may arise during self-diagnosis operations.*
- *The operator must be completely clear-headed and sober when using the tool; taking drugs or alcohol before or when operating the tool is strictly forbidden.*
- *The operator must follow all the instructions provided in the technical documents.*
- *The operator is required to wear adequate Personal Protective Equipment (PPE) at all times when using the tool.*
- *The operator must monitor the tool during the operating phases wherever this is possible in compliance with the safety measures indicated below.*
- *The operator must periodically check the electrical connections of the tool, making sure they are in good condition and immediately replacing any damaged cables.*
- *The operator must periodically check the parts that are subject to wear and replace them if necessary, using only original spare parts or spare parts approved by the manufacturer.*

- The operator must stop using the tool immediately should any failure occur, and promptly contact the technical assistance.
- Contact your retailer for extraordinary maintenance operations.
- Do not remove or damage the labels and the warnings on the tool; do not in any case make them illegible.
- Do not remove or tamper with any safety devices the tool is equipped with.

3.3 Operator Safety

WARNING



The airbags inflate with great force.

In case of explosion, a device located in the airbag's expansion area will be thrown with force causing severe damages and injuries.

Safety Measures:

- Do not place the tool in the airbag expansion area.

WARNING



Some self-diagnosis operations allow you to activate/deactivate certain actuators and safety systems on the vehicle.

Failure to reactivate the actuators and safety systems properly or at all may be a safety risk for the vehicle user.

Safety Measures:

- Do not allow unqualified personnel to use the tool, in order to avoid accidents to people or damages to the tool or to electronic systems of the vehicle it is connected to.
- Follow the instructions supplied by the software thoroughly.

CAUTION



The tool was designed to be electrically safe and to work with specific supply voltage levels.

Improper use may expose the operator to the risk of electric shock, even though of low intensity.

Safety Measures:

- Wear adequate personal protective equipment during all the operating phases.
- Do not handle or touch the tool or any accessories (e.g. cables) with wet hands.

3.4 Tool Safety

NOTICE



The tool was designed to be used in specific environmental conditions.

Using the tool in environments with temperature and humidity values that differ from those specified may impair its efficiency.

Safety Measures:

- Place the tool in a dry area.
- Do not expose or use the tool near heat sources.
- Place the tool making sure it can be properly ventilated.
- Do not use corrosive chemicals, solvents or harsh detergents to clean the tool.

NOTICE



The tool was designed to be mechanically sturdy and suitable for use in the workshop.

Careless use and excessive mechanical strain may impair its efficiency.

Safety Measures:

- Do not drop, shake or bump the tool.
- Do not place the tool where it could fall into water. Avoid any contact with water.
- Do not place objects over the cables nor bend them.
- Do not perform any kind of intervention that may damage the tool.
- Do not open or disassemble the tool.

NOTICE



The tool was designed to be electrically safe and to work with specific supply voltage levels.

Failure to comply with the specifications related to the power supply may impair the tool's efficiency.

Safety Measures:

- Do not wet the tool with water or other liquids.
- If not otherwise specified, use the tool on vehicles with a 12V DC power supply and the chassis connected to the negative pole.
- The connection for the tool's power supply should always take place with the battery system of the vehicle being tested.
- Do not use external batteries to supply the tool unless it is explicitly required by the software.

- Pay the utmost attention to battery terminals and cables when setting up the connection to the vehicle. This will avoid false contacts and/or accidentally connecting the cables to metallic parts of the vehicle being tested.
- Use the supplied rubber plugs to protect the unused terminals.



The electromagnetic compatibility tests carried out on the tool guarantee that it can be adapted to the technologies normally used on vehicles (e.g.: engine check, ABS, airbag, etc.). Nevertheless, if malfunctions occur you should contact the vehicle's dealer.

3.5 Intervention Required for Low-Radiation Devices

This device does not need to be shielded to avoid the emission of harmful interference.

The device does not emit interference that may alter the operation of duly certified systems.

4 ENVIRONMENTAL INFORMATION



Do not dispose of this product with other undifferentiated solid waste.

For information regarding the disposal of this product please see the pamphlet supplied.

5 OPERATION OF THE TOOL'S RADIO DEVICES

Wireless connection with Bluetooth, WiFi and HSUPA technology

Wireless connectivity through Bluetooth, WiFi and HSUPA is a technology that supplies a standard, reliable method for exchanging information between different devices using radio waves. Many other products besides those built by TEXA use this technology, such as mobile phones, portable devices, Computers, printers, cameras, Pocket PCs etc.

The Bluetooth, WiFi and HSUPA interfaces search for compatible electronic devices based on the radio signals they emit and establish a connection. TEXA tools only select and prompt compatible TEXA devices. This does not exclude the presence of other sources of communication or disturbance.


THE EFFICIENCY AND QUALITY OF BLUETOOTH, WiFi AND HSUPA COMMUNICATION MAY BE AFFECTED BY THE PRESENCE OF RADIO DISTURBANCE. THE COMMUNICATION PROTOCOL IS DESIGNED TO MANAGE THESE TYPES OF ERRORS; HOWEVER, IN SUCH CASES COMMUNICATION MAY BE DIFFICULT AND CONNECTION MAY REQUIRE SEVERAL ATTEMPTS.

SHOULD THE WIRELESS CONNECTION ENCOUNTER SERIOUS PROBLEMS AND COMPROMISE REGULAR COMMUNICATION, THE SOURCE OF THE ENVIRONMENTAL ELECTROMAGNETIC DISTURBANCE MUST BE IDENTIFIED AND ITS INTENSITY REDUCED.

Position the tool so that the radio devices it is equipped with can work properly. In particular, do not cover it with any shielding or metallic materials in general.

6 NORMATIVE INFORMATION

Simplified EU Declaration of Conformity

	<p>The manufacture, TEXA S.p.A., declares that the type of NAVIGATOR NANO S radio equipment is compliant with the following directives:</p> <ul style="list-style-type: none">• RED 2014/53/EU <p>The complete text of the EU declaration of conformity is available at the following Internet address http://www.texa.it/download.</p>
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FCC / IC STATEMENT

Contains Transmitter Module FCC ID: QOQWT11UA
Contains Transmitter Module IC: 5123A-BGTWT11UA

This device complies with Part 15 of FCC Rules and Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of this device.

Le présent appareil est conforme aux la partie 15 des règles de la FCC et CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Certificações

Certificação ANATEL

"Este produto está homologado pela ANATEL, de acordo com os procedimentos regulamentados pela Resolução 242/2000, e atende aos requisitos técnicos aplicados".

Para maiores informações, consulte o site da ANATEL www.anatel.gov.br

Modelo: Art. Nr. 83 30 2 456 858



07344-20-10401

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

7 NAVIGATOR NANO S

NAVIGATOR NANO S the most advanced self-diagnostic device for cars, motorcycles and commercial vehicles equipped with an OBD socket.



NAVIGATOR NANO S was developed following TEXA's "two-unit diagnosis" (diagnostic device used in combination with a display unit) approach, in order to optimize the practicality and versatility of portable wireless solutions.

The device is compatible with TEXA's display units:

- **MULTIPEGASO**
- **AXONE 4**
- **AXONE 4 Mini**
- **AXONE 5**
- **AXONE S**
- **AXONE NEMO**

NAVIGATOR NANO S was designed to be connected directly to the vehicle's OBD socket; however, thanks to special cables and adapters, it can be connected to other types of sockets as well (non-OBD automobiles and motorcycles).

8 DESCRIPTION



1. Two-coloured LED:

- **Green:** indicates if the device is powered and the status of the communication with the control unit.
- **Yellow:** indicates the status of the Bluetooth or USB communication.

2. LED light on button.

3. **LED light:** LED that lights up the working area around the diagnostic connector.

4. **USB socket:** the USB connector used for the connection to the display unit.

5. **Diagnostic connector:** OBD diagnostic connector.

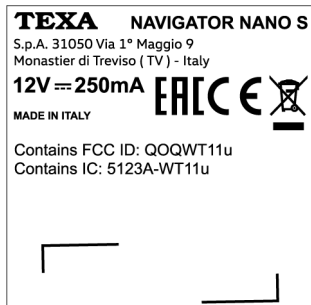
9 TECHNICAL FEATURES




Manufacturer:	TEXA S.p.A.
Model:	NAVIGATOR NANO S
Processor:	CORTEX M3 STM32F103 72MHz
External SRAM memory:	8 MBits organized as 512 KBytes x 16 bits
External NAND Flash memory:	2 GBit on an 8-bit bus
Internal battery:	Lithium polymer, single cell 3.7V 130mA/h LP401429-PCM-LD
Vehicle Battery:	12 Vdc system management
Nominal power supply voltage:	<ul style="list-style-type: none"> • OBD: 12 Vdc (8 ÷ 16 Vdc) • USB: 5 Vdc, 500 mA
Wireless connection:	Class 1 Bluetooth
Wired connection:	Virtual RS232 via USB 2.0 Device
Electronic switch:	2-way, 13 independent positions
Diagnostic connector:	OBD
Supported protocols:	<ul style="list-style-type: none"> • <i>Blink codes</i> • <i>K, L (with 60 mA current protection)</i> <i>ISO9141-2, ISO14230</i> • <i>CAN ISO 11898-2</i> • <i>CAN ISO 11898-3</i> • <i>SAE J1850 PWM e VPW</i>
Power supply connector:	OBD
Visible warnings:	Two-coloured green / yellow LED
Audible warnings:	Buzzer
Maximum current drawn:	<ul style="list-style-type: none"> • <i>Standard 12 Vdc: 120 mA</i> • <i>Maximum 12 Vdc, 250 mA</i>
Operating temperature:	0 ÷ 40 °C
Storing temperature:	- 20 ÷ 60 °C
Battery charging temperature:	0 ÷ 45 °C
Operating moisture:	10% ÷ 80% without condensation

Dimensions:	51x23x100 mm
Weight:	72 g
Directives:	RED 2014/53/EU ROHS 2011/65/EU
Regulations:	<ul style="list-style-type: none"> • Safety: EN 60950-1, UL 62368-1, CAN/CSA-22.2 NO. 62368-1-14 • Electromagnetic compatibility: EN 301 489-1, EN 301 489-17 • Radio systems: EN 300 328

10 SYMBOLS ON THE PLATE OF THE DEVICE

This chapter describes the symbols on the nameplate of the device.



Symbol	Meaning
TEXA S.p.A. 31050 Via 1° Maggio 9 Monastier di Treviso (TV) - Italy	Indication of the manufacturer as required by the current directives.
MADE IN ITALY	Mark of origin.
	Symbol indicating the direct current power supply.
	Symbol of the CE marking.
	WEEE symbol indicating the waste of electric and electronic equipment.

11 POWER SUPPLY

The internal battery within the device powers the LED light only; make sure the device is powered correctly during diagnosis.

The device can be powered in any of the following three ways:

- through the diagnostic connector
- directly by the battery
- through the lighter cable

The **green LED** remains on (does not flash) if the device is being powered properly.

NOTICE

The use of different power sources other than the ones indicated in this manual can damage the device.

Do not power the device using external batteries that are not electrically connected to the vehicle you are working on.

The device cannot be powered via its USB ports.

11.1 Power via the OBD Socket

The device can be powered via the OBD socket of the vehicle being tested.



Always refer to the documentation supplied by the vehicle manufacturer for the positioning and correct access to the OBD socket.

For further information on how to connect the device to the vehicle diagnostic socket, consult the chapter "Connecting to the Control Unit".

The **green LED** remains on (does not flash) if the device is being powered properly.

11.2 Power Supply Direct from Battery

Power can be drawn **directly from the vehicle's battery** through specific adapters and cables.

NOTICE

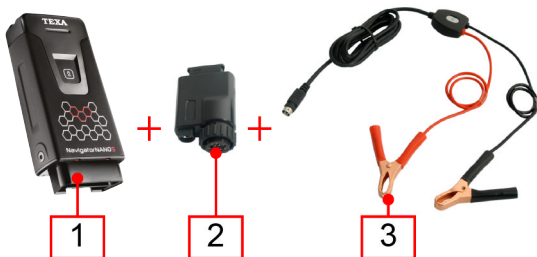
If the battery is in the rear part of the vehicle, we recommend connecting the device directly to the battery supply terminals, available near the area in which you are operating.

Use the battery power only when specifically requested by the diagnostic software.

Be careful to respect the polarities indicated on the cables when connecting to the battery terminals.

11.2.1 Jack cable

The device can be powered using a specific cable that can be connected directly to the vehicle adapter.



1. Device

2. Adapter for non-OBD vehicles

3. Battery clamps (with jack connector)

Proceed as follows:

1. Connect the device to the adapter.

2. Connect the clamps to the adapter.

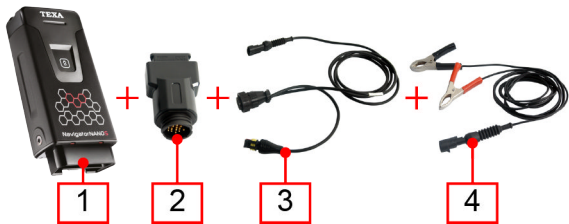
3. Connect the clamps to the vehicle's battery.

The **green LED** remains on (does not flash) if the device is being powered properly.

In this case, the **green LED** on the **junction box** of the clamps will also turn on.

11.2.2 Power supply cable

The device can be powered through a **power supply cable** connected to specific diagnostic cables.



1. Device
2. Motorcycle adapter
3. Diagnostic cable
4. Battery clamps (with superseal connector)

Proceed as follows:

1. Connect the device to the adapter.
2. Connect the diagnostic cable to the adapter.
3. Connect the clamps to the cable.
4. Connect the clamps to the vehicle's battery.

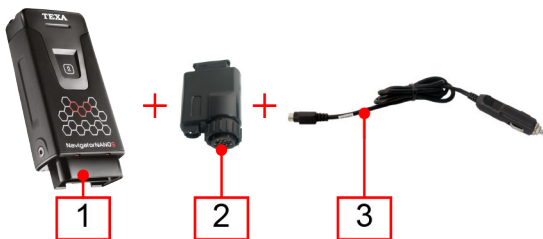
This power supply mode can also be used on automobiles and commercial vehicles that use specific adapters and diagnostic cables.

The same connection procedure applies.

11.3 Power Through the Lighter Cable

The device may also be powered by the battery of the vehicle being tested, thanks to a specific cable which can be connected to the adapter for cars through a jack.

The connection through the lighter socket (if available) is possible only by using a specific cable.



1. Device

2. Adapter for non-OBD vehicles

3. Connection cable for the lighter socket

Proceed as follows:

1. Connect the device to the adapter.

2. Connect the connection cable for the lighter socket to the adapter.

3. Connect the cable to the lighter socket.

The **green LED** remains on (does not flash) if the device is being powered properly.

In this case, the **green LED** on the **connector for the lighter socket** will also turn on.

NOTICE

Make sure the cigar lighter socket is powered even when the ignition key is on OFF (instrument panel off).

NOTICE

Use the vehicle's external battery only if indicated. In any case, connect the negative pole of this external battery to the ground of the vehicle being tested.



Always refer to the documentation supplied by the vehicle manufacturer for the positioning and correct access to the cigar lighter socket.

11.4 Recharging the Internal Battery

The device is equipped with an internal battery that powers the LED light only.

To charge the internal battery simply power the device using the vehicle's battery or connect the display unit via USB.

We suggest powering the display unit using the mains when charging the device via USB.

12 POWER ON/OFF

CAUTION

In all the power source connection and disconnection operations, please refer to the safety indications in the **POWER SUPPLY** and **DIAGNOSIS** chapters in order to reduce the risk of electric shock.

12.1 Power on

The device turns on automatically once it is connected to one of the power sources described previously.

For further information see the **POWER SUPPLY** chapter.

12.2 Boot down

To turn off the device, you must disconnect it from the power source.

INFORMATION

Generally, if the tool is powered via OBD connector, just turn off the vehicle by turning the ignition key to the OFF position (ignition off).

For further information, please refer to the technical documentation provided by the manufacturer.

NOTICE

Turning off the device during specific diagnostic operations (e.g.: control unit reprogramming) may cause the operations to fail.

Make sure all diagnostic operations have been completed before turning off the device.

13 COMMUNICATION

The device is not equipped with a user interface and the data acquired is sent to a specific display unit.

INFORMATION

Before starting the communication with the display unit, you must perform the specific configuration procedure.

The connection of the device to the display unit can occur the following ways:

- *Bluetooth*
- *USB*

INFORMATION

Power, connect and turn on the device before starting the applications which will be used to interface with it. If this procedure is not followed, there could be communication errors.

While the device is turning on, it **automatically detects the communication mode** through which it is connected to the display unit.

For example: the Bluetooth communication mode (active by default) is disabled when the USB cable is connected.

INFORMATION

To change the communication mode between the device and the display unit you must first turn the device off and then choose the mode you prefer.

13.1 Bluetooth

The wireless connection eliminates the communication cable with the display unit, making the device more practical to use.

In order for the device to work at its full potential, use this connection mode.

INFORMATION

To configure the communication properly you must use the serial number indicated on the data plate on the device.



The serial number to use in order to configure the Bluetooth communication can be found on the label on the OBD connector.

The **yellow LED** flashes:

- *During the configuration phase of the Bluetooth communication.*
- *During communication between the device and the display unit, during the data transmission.*

INFORMATION

For a correct configuration we recommend powering the device (making sure the green LED is on) BEFORE launching the configuration procedure of the software.



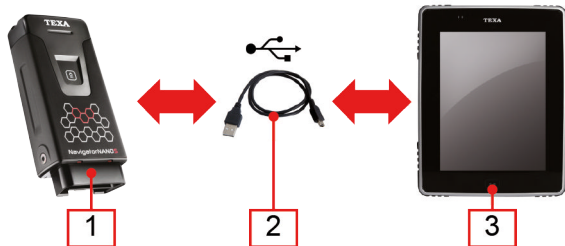
For further information regarding the configuration procedure consult the software's Operating Manual.

13.2 USB

In order to connect via USB, use the supplied USB cable or, if necessary, use cables on which **"USB HIGH SPEED"** is specifically indicated.

INFORMATION

This mode is recommended during control unit reprogramming operations.



1. Device
2. USB cable
3. Display unit

Proceed as follows:

1. Connect the cable's mini USB connector to the device.
2. Connect the cable's USB connector to the display unit.
3. Continue with the communication software configuration.

The internal battery of the device will be charged when the display unit is connected via USB.



For further information regarding the configuration procedure consult the software's Operating Manual.

14 CONNECTION TO THE CONTROL UNIT

To carry out self-diagnosis tests you are required to connect the device to the vehicle's diagnostic socket and activate the connection between the device and the control unit via the software.

INFORMATION

Carrying out diagnostic tests using the functions made available by the software requires you to read and accept specific disclaimers.

Such disclaimers contain important safety indications that you must have read and fully understood before carrying out the tests.

INFORMATION

To carry out diagnostic tests, you must have previously configured the communication between the device and the display unit.

NOTICE

If not otherwise specified, power the device directly from the connection with the vehicle diagnostic socket.

Follow the instructions provided by the software carefully.



Proceed as follows:

1. Through the **software**, select the vehicle and the system on which you wish to carry out the self-diagnosis.
2. Locate the **diagnostic socket** using the information (images or short video) provided by the **software**.
3. Connect the **device** to the **control unit** using, when required, the **specific cables and adapters** indicated by the **software**.

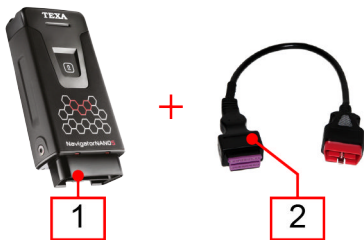
A flashing **green LED** indicates a proper communication between the vehicle's **control unit** and the **device**.

The position and the type of socket on the vehicles vary according to the brand and model; for this reason, the software provides the information needed in order to locate it.



For further information on the positioning and correct access to the diagnostic socket, refer to the documentation made available by the vehicle manufacturer.

In some cases, you may have to use a specific OBD extension cable so the connection between the device and the diagnostic socket is more comfortable and stable.



1. Device
2. OBD extension cable

Proceed as follows:

1. Connect the OBD extension cable to the device.
2. Follow the instructions described above.



For further information, see the software operating manual.

15 MAINTENANCE

This product does not require special maintenance. However, we recommend the following:

- *carefully follow the instructions provided in this manual;*
- *keep the product clean;*
- *periodically inspect the electrical connections making sure they are in good conditions;*
- *immediately replace any damaged cables;*
- *only use original spare parts or spare parts approved by the manufacturer;*
- *contact your retailer for extraordinary maintenance operations;*

INFORMATION

For further help, contact your retailer or the technical assistance service.

You can see the list of authorised retailers at the following address: <https://www.texa.com/sales-network>

16 TROUBLESHOOTING

For any technical problem contact your retailer/distributor.

Below you will find a list of simple instructions that the customer can carry out without having to ask for technical assistance.

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
The device is not communicating with the control unit.	The device / diagnostic cable is not connected properly.	Connect the device / diagnostic cable properly.
	The adapter being used is not correct.	Use the correct adapter.
	The diagnostic cable is damaged.	Change the diagnostic cable.
	The diagnostic connector is damaged.	Contact Technical Assistance.
	The vehicle is off.	Turn on the vehicle.
The device is not communicating with the display unit/Bluetooth peripheral devices.	The Bluetooth peripheral device/display unit is turned off.	Turn on the Bluetooth peripheral device/display unit.
The device is not communicating with the display unit/Bluetooth peripheral devices.	The Bluetooth peripheral device/display unit is not within the device's range.	Move the Bluetooth peripheral device/display unit into the device's range.
		Move the device into the operating range of the Bluetooth peripheral device/display unit.
	The device has not been properly configured.	Perform the configuration through the special function in the software.

<p>The device is not communicating with the display unit/Bluetooth peripheral devices.</p>	<p>The device has been placed near shielding materials.</p>	<p>Place the device away from shielding materials.</p>
	<p>Other wireless communications are disturbing the signal.</p>	<p>Move away from possible sources of interference.</p>
		<p>If possible, switch off the devices causing the interference.</p>
		<p>Wait and try to communicate again.</p>

17 LEGAL NOTICES

TEXA S.p.A.

Via 1 Maggio, 9 - 31050 Monastier di Treviso - ITALY

Tax Code - Company Register of Treviso ID No. - VAT No.: 02413550266

Single-shareholder company subject to the direction and coordination activities of Opera Holding S.r.l.

Paid-up share capital 1,000,000 € - R.E.A. (Economic Administrative Index) No. 208102

Legal Representative Bruno Vianello

Phone +39 0422.791.311

Fax +39 0422.791.300

www.texa.com

For information regarding the legal notices, please refer to the **International Warranty Booklet** provided with the product.