



NITRO DIAGNOSTIC SYSTEM
QUICK START
GUIDE

Nitro LT
Nitro XT
Nitro GT



Declaration

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2. This scan tool unit is designed for professional vehicle technicians. XToolUSA®, the manufacturer, or any subsidiaries and authorized distributors (hereafter XToolUSA®) is not responsible for vehicle damage and loss caused by customer technical problems, vehicle problems or other factors including improper use of the tool.

3. Use the device only as described in this manual. The user will be solely responsible for any damages caused by misuse of the scan tool. XToolUSA® will not bear legal responsibility for incorrect use of the tool.

4. XToolUSA® shall not be liable for any incidental or consequential damages or any economic consequential damages arising from the accidents of individual users and the third parties, misuse or abuse of the device, unauthorized changes to or repairing of the device, or failure made by the user not using the product according to the manual.

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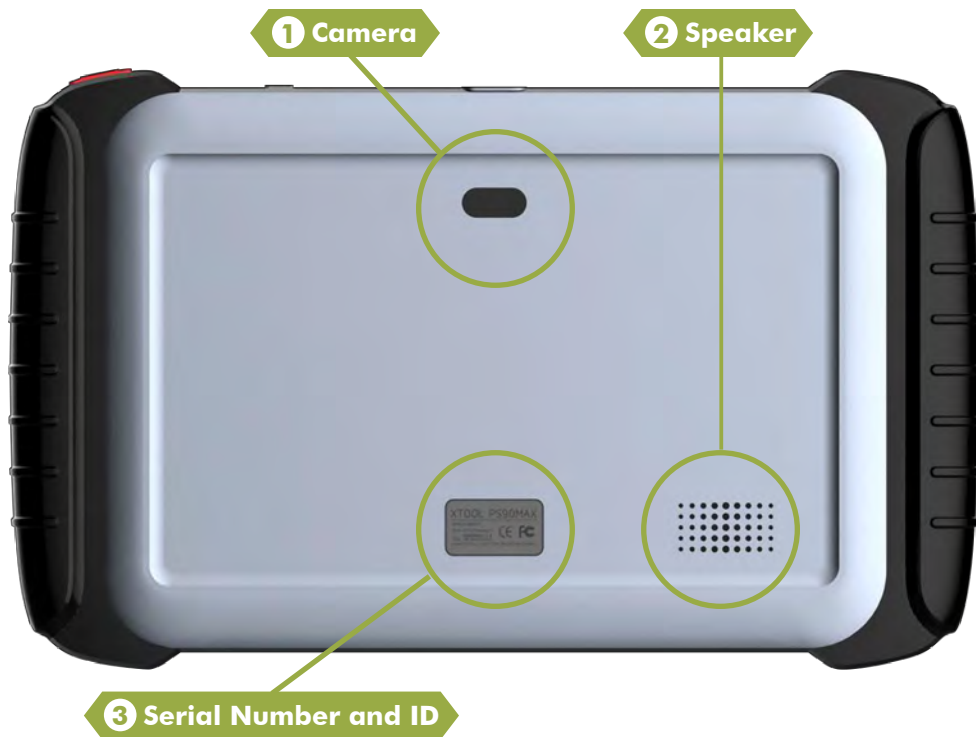
8. Please visit www.nitroscantool.com for more information about Nitro Scan Tools.

9. XToolUSA® reserves the right for the final interpretation of this manual content.

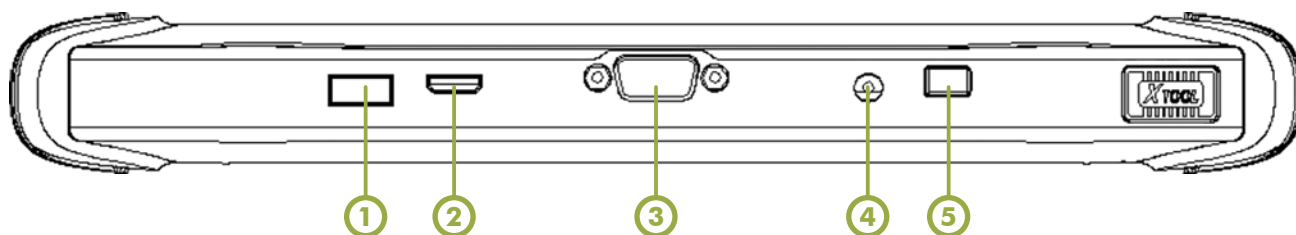
FRONT VIEW



BACK VIEW

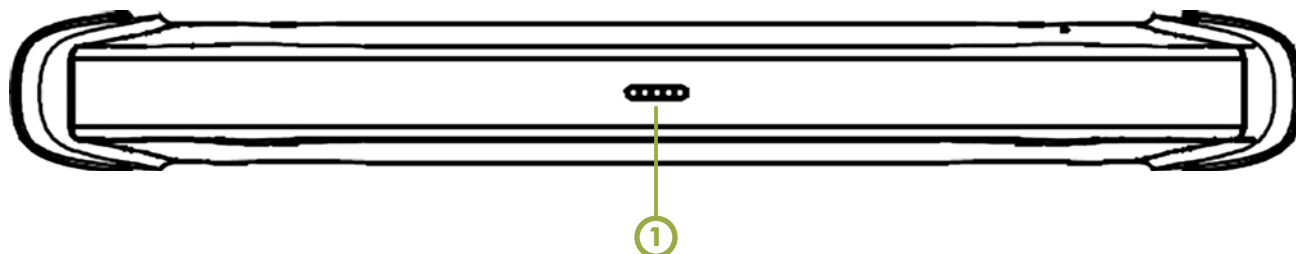


TOP VIEW



- ① USB3.0 interface: Wired data transmission
- ② Mini HDMI interface: Audio and video transfer
- ③ DB15 interface: Extended reservation port
- ④ DC charging port: Device Charging
- ⑤ Power Button: Power on / off

BOTTOM VIEW



- ① Charger Interface

Nitro LT Technical Information

Operating System: Android 5.1.1

Processor: Quad core processor 1.8GHz Memory: 2GB RAM, 32GB ROM

Display / touch screen: 1024*768 resolution, 8-inch LED touch screen

Camera: 8 megapixels, with flash and autofocus.

Sensor: accelerometer

Audio input / output: microphone/speaker.

Interface: USB3.0, DC charging port, MINI HDMI, DB15 interface.

Battery: 10000mAh 3.7V lithium polymer battery

Input voltage: +9~+12V DC

Working temperature: -20°C to 50°C (-4°F to 126°F)

Relative humidity: <90%

Nitro XT/GT Technical Information

Operating system: Android 5.1.1

Processor: quad core processor 1.8GHz

Memory: 4GB RAM, 64G ROM

Display/Touch screen: 1280 x 800 resolution 10.1 LED

Camera: 8 megapixel with autofocus and flashlight

Interface: USB 3.0, DC charging port, MINI HDMI, DB15 interface.

Battery: 13000 mAh Lithium Polymer battery

Input voltage: 12V DC

Working temperature: -20°C to 50°C (-4°F to 126°F)

Relative humidity: 90%

Appearance size: 311×189×36 (mm)

NITRO SCAN TOOL



Functional Buttons

Functional Descriptions








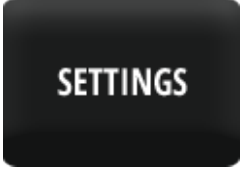

Diagnosis - Read vehicle diagnostic information, view and record live data, read and clear codes



Pre-Scan -
Generate Pre-Scan report









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Functional Buttons	Functional Descriptions
	<p>Post Scan - Generate Post Scan Report</p>
	<p>Report Manager</p>
	<p>One-Click Update - Upgrade software</p>
	<p>Remote Control - XToolUSA support center</p>
	<p>Accessories - Flashlight and Demo</p>
	<p>Settings - Change machine settings for language and units</p>
	<p>Internet - Web Browser</p>

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Functional Buttons	Functional Descriptions
	Return to the previous screen
	Decrease the volume
	Increase the volume
	Home button
	Page History
	Screenshot
	Bluetooth, turns blue when connected
	Click to record data

Quick Start

Note: You must complete these steps to update and begin using the Nitro.

Charge the Machine

Connect the power supply and charge the machine until the battery is fully charged.

WIFI

Press the settings button and then select WIFI networks. Enter your wireless info and password. You are now connected to the internet.

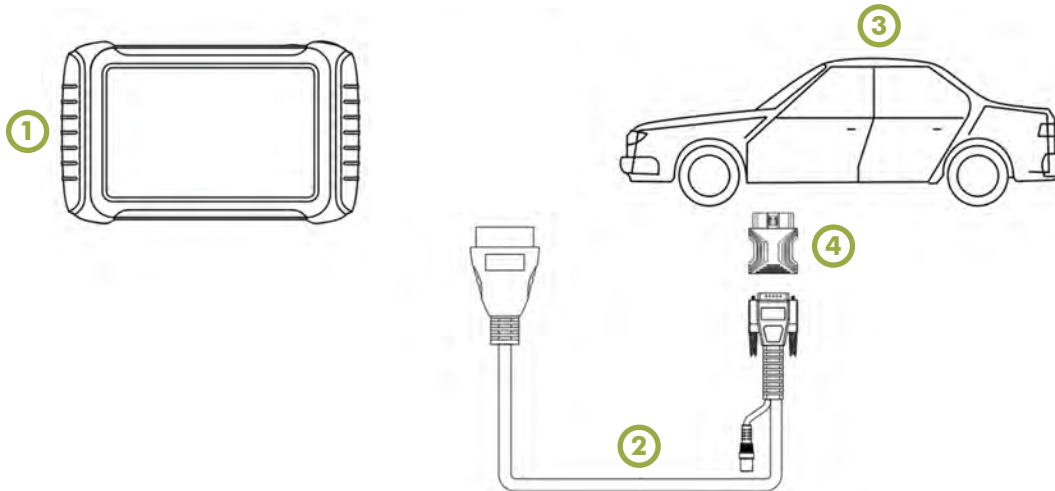
Update

From the main screen, press the update button. From the Update screen press update all. Once the updates are downloaded, the scan tool is ready to use.

Update					Update all
1	SERVICE LIGHT RESET-ASIA	V16.81	2018-09-26 03:04:57	0%	Update
2	SERVICE LIGHT RESET-CHINA	V18.51	2018-09-26 03:04:59	0%	Update
3	SERVICE LIGHT RESET-EUROPE	V18.21	2018-09-26 03:05:01	0%	Update
4	SERVICE LIGHT RESET-AMERICA	V16.21	2018-09-26 03:05:02	0%	Update
5	DIAGNOSIS-NISSAN PIN DATA	V5.0	2015-04-27 19:55:11	0%	Update
6	DIAGNOSIS-OBII	V20.91	2017-07-26 23:07:02	0%	Update
7	DIAGNOSIS-BUICK	V10.51	2018-05-12 08:46:07	0%	Update
8	DIAGNOSIS-CHEVRO LET	V10.51	2018-05-12 08:46:07	0%	Update
9	DIAGNOSIS-CADILLA C	V10.51	2018-05-12 08:46:07	0%	Update

Connection LT

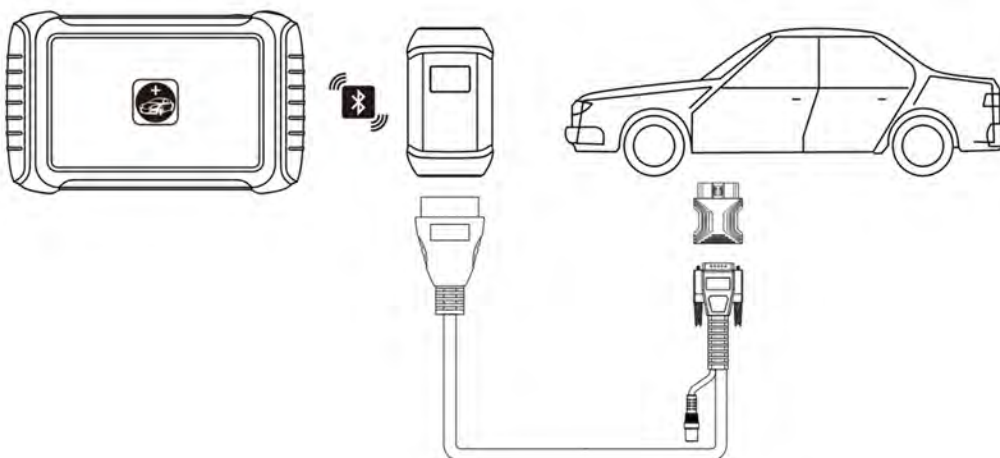
The Nitro LT machine is connected to the vehicle through the OBDII main cable to the DLC as shown in this diagram.



- 1 Nitro LT Tablet
- 2 OBD Cable
- 3 Vehicle
- 4 OBDII adapter (use correct adapter for OBD1 vehicles)

Connection XT and GT

The Nitro XT and GT connect to the 16 pin DLC OBDII port through a Bluetooth connection. Connect the VCI box as shown in this diagram. Turn ignition key on and wait five seconds for connection to the scan tool. You are now ready to begin your vehicle diagnostics.

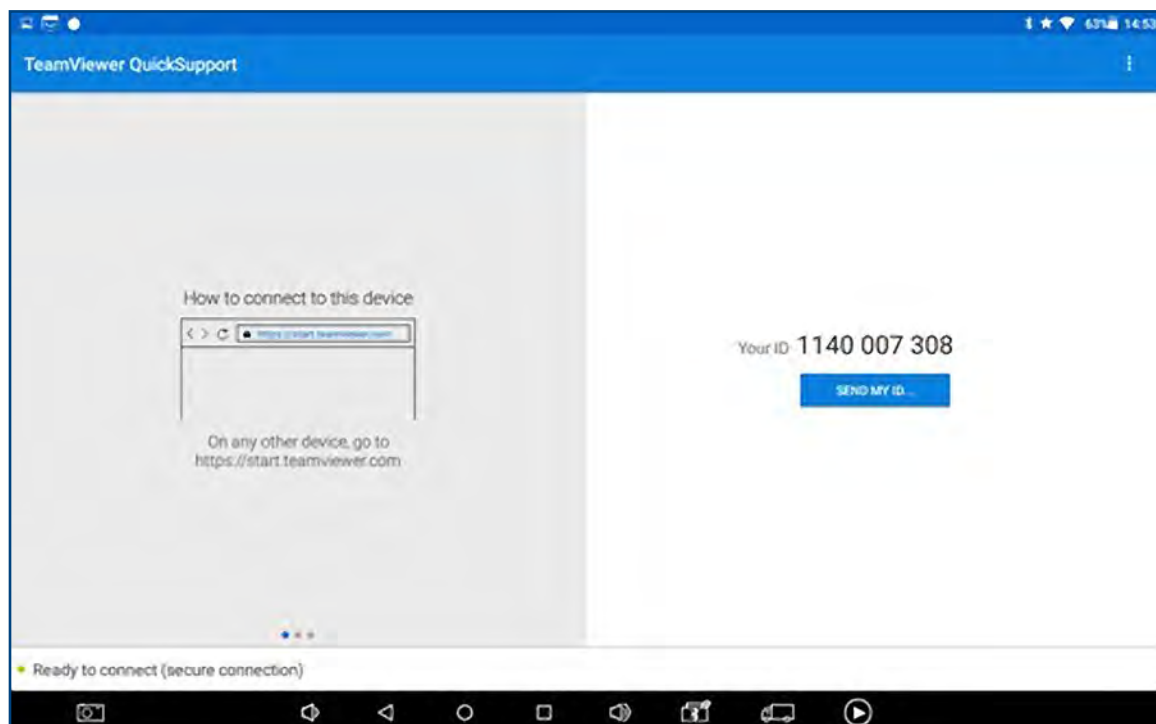


Remote Control

If the scan tool user has encountered problems during the repair process, you can open this application for remote assistance and accept support from the XtoolUSA Tech-Support Center. This system can also be used by other Nitro users to help the requestor with diagnostics.

1. Click the remote button on the home screen.
2. Click the remote-control icon to generate and display the device ID
3. Click the Send My ID button.
4. The system will pop up a window and that allows the other party to have remote control of your machine.

**** please do not operate the scan tool during the time it is being remote controlled.**



Warranty

LIMITED MANUFACTURER'S WARRANTY

XtoolUSA® warrants the Nitro Scan Tools™ in compliance with this certificate, in effect for 24 months from the date of purchase. In order to redeem the benefits provided to you by this warranty, **this documentation must be provided in tandem with a verifiable proof of purchase**, as issued by an authorized Nitro Scan Tool™ distributor. This warranty covers the free repair or replacement of any parts deemed faulty as a result of manufacturing defects. (For the most current version of this agreement, please visit Nitroscantool.com/warranty).

This warranty does **not** cover:

- (1) Damage or malfunctions caused by natural disasters or acts of God (lightning, fire, flood, earthquakes and other external causes)
- (2) Theft, misplacement, reckless, abusive, willful or intentional conduct associated with handling and use of the Nitro Scan Tool™
- (3) Faulty installation, repair, or maintenance by anyone other than a Nitro Scan Tool™ authorized service provider
- (4) Damage to or failure of unauthorized aftermarket upgrades or add-on accessories.
- (5) Consumer replaceable or consumable items, including but not limited to: cords, adapters and AC power adapter.
- (6) Extreme environmental conditions (including extreme temperature or humidity) leading to problems such as external condensation, overheating and mold
- (7) Usage outside of the permitted or intended uses, as described by the manufacturer
- (8) Malfunctions caused by improper operation by machine operator
- (9) Damage caused by insect infestation or rodents
- (10) Any machine whose serial number has been altered, defaced or removed
- (10) Any machine whose software has been modified or altered beyond the normal scope of use
- (11) Damage that is secondary, or any damage that would be ordinarily covered under a primary insurance policy (e.g., car accident causes damage to the Nitro Scan Tool™)
- (12) Protection against any other act or result not covered by this plan
- (13) Any resultant damage to the Nitro Scan Tool™ that arises from one or more conditions described above

Except for the above cases, all qualifying malfunctions are eligible for free service within the warranty period. To assure your request for service is handled efficiently, please contact XtoolUSA® customer service prior to sending us any product. We will issue you a Repair Authorization Form that must be included when shipping your product to us. Failure to do so **will** result in service delays.

Shipping and Handling Policy: XtoolUSA® will contribute to the cost of shipping to and from our repair center, at our discretion, and only within the Continental United States. After preliminary assessment, if your machine malfunction is determined as uncoverable by this warranty, the entirety of all shipping costs will become your obligation. Failure to rectify any outstanding shipping or repair charges will result in return shipping delays.

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How to Obtain Service and Support

You may obtain service by accessing our website, www.nitroscantool.com/support or by calling us at (855) 562-5522 ext. 4005. Regular business hours are Monday through Friday 8am to 5pm Pacific Standard Time.

To receive service or support, you agree to comply with each of the terms listed below:

- (i) You will provide a copy of this warranty and a copy of your purchase, exchange and service receipts, if requested
- (ii) You will provide, to the best of your ability, information about the symptoms and causes of your issues with the Nitro Scan Tool™
- (iii) You will respond to requests for information, including but not limited to: your product serial number, version of the software installed, any peripheral devices connected or installed on the Nitro Scan Tool™, any error messages displayed, the actions which were taken before the Nitro Scan Tool™ experienced the issue and the steps taken to attempt resolution of the issue
- (iv) You will follow instructions we give you, including but not limited to refraining from sending us products and accessories that are not subject to repair or replacement service (as listed above) and packing the Nitro Scan Tool™ in accordance with the shipping instructions we will provide to you upon service agreement
- (v) **Keep your original packaging!** In the event your machine must be shipped to our repair facility, there is no safer method to ensure that the machine will arrive intact and undamaged, than if it ships in its original box. Damages incurred during shipping, due to improper packaging, will be the customer's sole responsibility
- (vi) You will be required to sign a service order disclaimer or other service order terms to obtain repairs or a replacement device. This service order disclaimer or other service order terms do not form a part of this warranty, and are a separate legal document
- (vii) **After** securing permission to send in your machine, please insert your completed Repair Authorization Form inside the box and ship to:

XtoolUSA Warranty and Repair Center - 2895 W. Capovilla Ave. Suite 100B, Las Vegas, NV 89119

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Please join our Facebook user group page www.facebook.com/Nitro-Scan-Tool-Users-Group. This is a user focused group of Nitro owners sharing helpful tips on getting the most from your Nitro scan tool.



2895 W Capovilla Ave, Suite 100B
Las Vegas, NV 89119

Service Hotline: **(888) 416-6950**
Email: **info@XToolUSA.com**
Website: **www.Nitroschantool.com**