



# LORGAR

Lorgar Trix-510 Gamepad  
Model: LRG-GP510  
Firmware Update User Manual  
(for Windows 10/11)

## Introduction

This User Manual contains a detailed description of how to update the firmware of the \* Lorgar Trix-510 Gamepad and the wireless adapter to the latest version.

**WARNING!** The old firmware version **cannot** be restored after the update. A factory reset will also not restore the old firmware version. Use common sense when deciding to update firmware.

**WARNING!** A firmware update **is not** required for the correct operation of the device. It is recommended to resort to this measure in the **most extreme cases**, namely:

- the gamepad does not work properly after connecting to a PC, PS3, Nintendo Switch or smart TV;
- the gamepad does not connect correctly to a computer \*\* via BT;
- the gamepad does not work correctly after pairing;
- buttons or certain combinations do not work correctly.

**WARNING!** This manual is **only** applicable to computers running **Windows 10/11**.

**WARNING!** Use the official firmware version **only** which is available at [lorgar.com/drivers-and-manuals](http://lorgar.com/drivers-and-manuals). Third-party firmware may adversely affect the operation of the device. Malfunctions caused by installing third-party firmware on the gamepad or wireless adapter will void the warranty period.

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\* See "Glossary" section.

\*\* Hereinafter refers to a desktop or laptop running Windows 10/11.

## Copyright

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## Responsibility and Technical Support

This document has been prepared in accordance with all necessary legal requirements and contains complete and detailed information on the firmware update of the gamepad and wireless adapter. The information is current as of the date indicated in the document. Strict adherence to the instructions contained in this manual is essential for the correct, reliable and safe operation of the device.

This document, as well as the Operation Manual and the Quick Start Guide, are an integral part of the device and must always be available to the User.

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In case of any discrepancies in the language versions of the document, the Russian version of this manual shall prevail.

ASBISc makes no warranty of any kind with respect to the material herein, including but not limited to merchantability and suitability of the device for a particular application.

Any technical questions should be directed to your local ASBISc representative or to the technical support department at **[lorgar.com/for-users](http://lorgar.com/for-users)**.

The latest version of this manual can be downloaded at **[lorgar.com/drivers-and-manuals](http://lorgar.com/drivers-and-manuals)**.

Information about users, including their personal data, is protected from unauthorized use and disclosure in accordance with GDPR \* requirements. You can read the Privacy Policy at **[lorgar.com/privacy-policy](http://lorgar.com/privacy-policy)**.

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\* See "Glossary" section.

## Safety Operation Rules

Before starting the firmware update of the gamepad and wireless adapter, you should carefully read the information contained in this section of the document.

**WARNING!** Warnings, precautions, and instructions contained in this document cannot anticipate all possible situations. Common sense should be used.

For more information on the device and its operation, please refer to the complete User Manual available at [lorgar.com/drivers-and-manuals](http://lorgar.com/drivers-and-manuals).

1. Only use firmware versions that match the model of your gamepad.
2. Do not install third-party firmware versions.
3. Do not modify the provided gamepad and wireless adapter firmware versions. The company is not liable for any subsequent malfunctions of the device.
4. When updating the firmware, use only the accessories (USB cable and wireless adapter) that came with the gamepad (for more information, see the complete user manual available at [lorgar.com/drivers-and-manuals](http://lorgar.com/drivers-and-manuals)).

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## 1 Firmware Update

### 1.1 Preparing for the Update

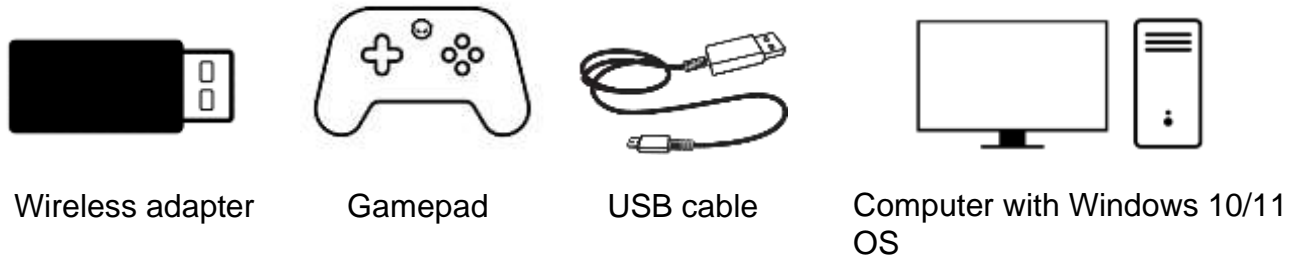


Figure 1 – Equipment required for the firmware update

Before updating the firmware of the Lorgar Trix-510 Gamepad and wireless adapter, do the following:

1. Turn on the computer and check the operating system version. Firmware update can be performed with a Windows version 10/11 operating system **only**. The update cannot be performed using other versions of Windows, as well as other operating systems (Linux, macOS, etc.).
2. If the gamepad is already in use, skip to step 6 below.
3. If the gamepad is newly purchased and/or has not yet been used, remove it and its accessories from the box.
4. Remove all packing materials from the gamepad and accessories.
5. Make sure that the gamepad and accessories do not have any external defects (significant damage to the casing, buttons, cable integrity, etc.).
6. Turn on the gamepad and check that it is working properly.
7. Verify that the firmware needs to be updated (see “Introduction” section).
8. Prepare the cable and wireless adapter.
9. Fully charge the gamepad battery.
10. Download the latest firmware version for the gamepad and wireless adapter at **[lorgar.com/drivers-and-manuals](http://lorgar.com/drivers-and-manuals)**. To do this, do the following:
  - Go to **[lorgar.com/drivers-and-manuals](http://lorgar.com/drivers-and-manuals)**.
  - In the search box, type in the device model: “LRG-GP510”. The “TRIX-510” device should be displayed.
  - In the “Drivers” section, locate the firmware file. The latest firmware version number will be indicated at the end of the file name.
  - Click “Download”.

### 1.2 Description of the Process and Warnings

Firmware update is the process of automatically rewriting firmware code to resolve firmware issues in devices.

**WARNING!** The firmware of both the gamepad itself and the wireless adapter must be updated. If the firmware of one of the devices is not updated accordingly, correct operation may be impaired and the warranty period will be voided. The company is not responsible for malfunctions in the device operation caused by failure to comply with the firmware update process described in this document.

**WARNING!** Strictly follow the firmware update order: **first**, update the firmware of the **wireless adapter**, **then** update the firmware of the **gamepad** itself.

## 1.3 Updating the Wireless Adapter Firmware

To update the firmware of your Lorgar Trix-510 gamepad wireless adapter to the latest version, follow the steps below:

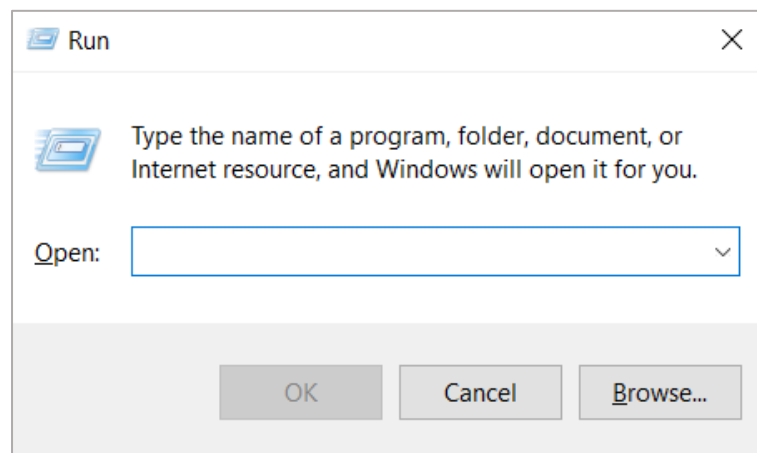
1. Connect the wireless adapter to a USB Type A port on your computer.



Figure 2 – Connecting the wireless adapter to a USB Type A port

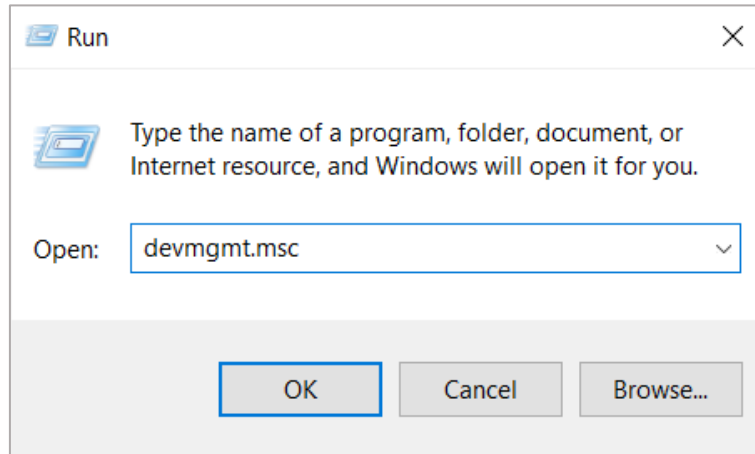
If the connection is successful, the indicator on the wireless adapter will flash \* red.

2. Make sure that the wireless adapter is displayed correctly in the built-in “Device Manager” program. To do this, follow the steps below:
  - Press Win and R on your keyboard at the same time. The “Run” dialogue window should appear.

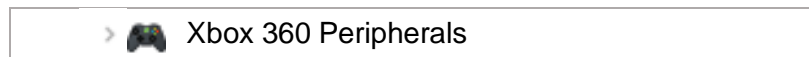


\* The indicator is on for 1 s, then off for 1 s.

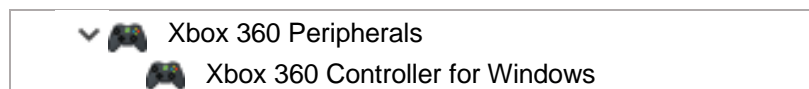
- Type in the following: “devmgmt.msc”.



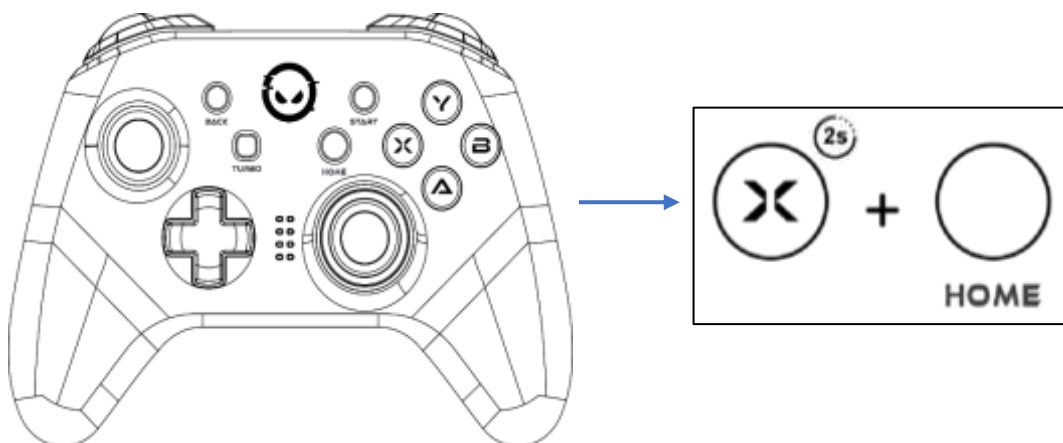
- Click OK in the program or press Enter on the keyboard.
- In the “Device Manager” dialogue window that opens, locate the “Xbox 360 Peripherals” line.



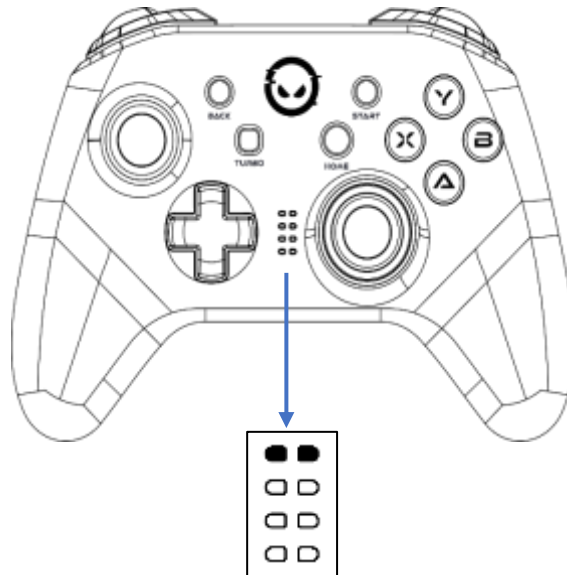
- Click the arrow next to the gamepad icon.
- Among the devices, find “Xbox 360 Controller for Windows” (see figure below). If the connection is successful, the wireless adapter will be displayed under this name.



- Connect the gamepad to the wireless adapter. If you are connecting for the first time, press the “HOME” and “X” buttons simultaneously.



If the gamepad has already been synchronized with the wireless adapter, press the “HOME” button once. If the connection is successful, the indicator on the wireless adapter will glow red continuously and the two lower indicators on the gamepad will glow blue (see figure below).



4. Find the pre-downloaded from the official website archive named “FW” with the executable file at the following path:

“This PC” – “Downloads” – “FW”

5. Unzip the archive.
6. Locate the file named “20230322-Dongle15-A4.exe” at the following path:

“FW” – “dongle” – “20230322-Dongle15-A4.exe”

7. Run the executable file by placing the cursor over it and double-clicking with the left mouse button.
8. Wait for the firmware installation program to start.

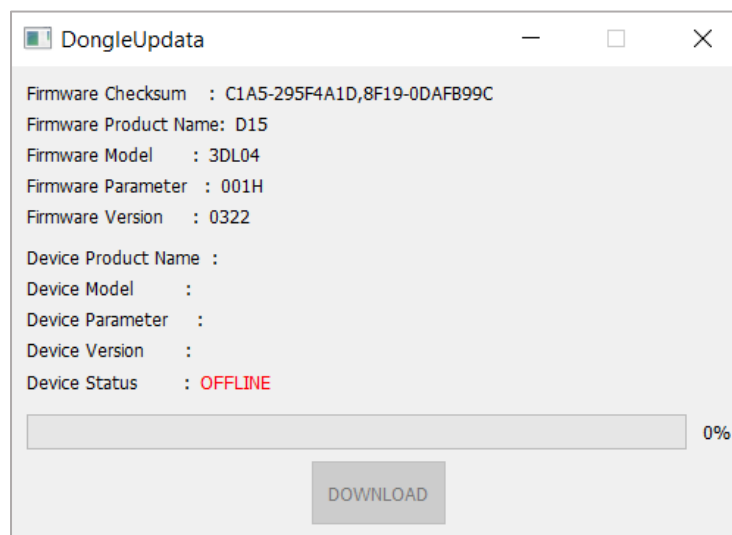
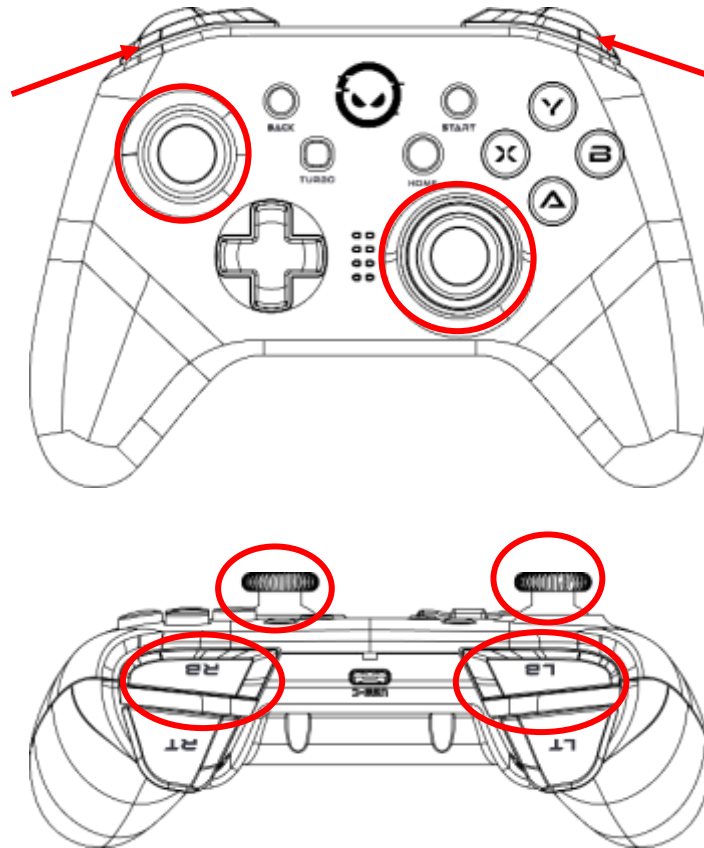


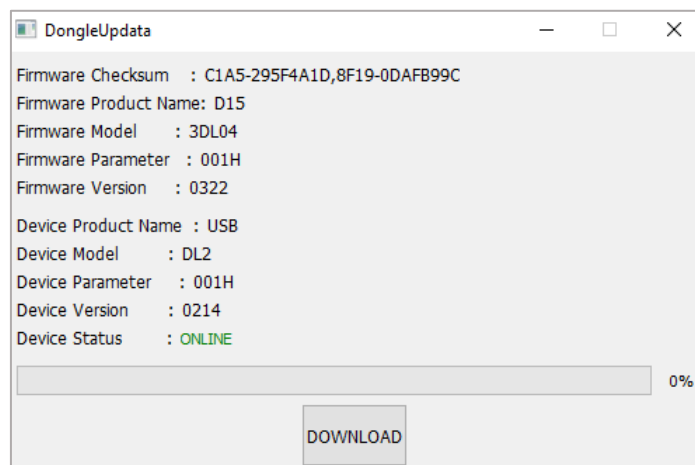
Figure 3 – Firmware Installer Dialogue Box

The device status will be displayed as “OFFLINE”.

9. To activate the adapter firmware update mode, press “LB”, “RB”, left joystick and right joystick simultaneously and hold for 2 seconds (see figure below).



The device status will change to “ONLINE” (see figure below) and the red indicator light on the adapter will turn off.

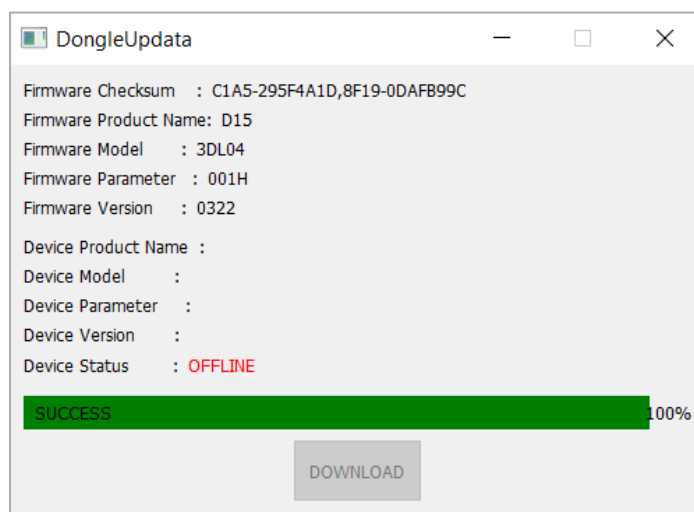


10. Click “DOWNLOAD” in the program to start updating the firmware to the new version. The progress bar will begin to fill in green, indicating the completion rate.

**WARNING!** At this stage, do not disconnect the wireless adapter from the USB port of the computer, close the program, turn off/reboot the computer, or turn off the gamepad. Doing so may cause irreparable damage to the gamepad and void the warranty. Make sure to wait until the firmware update process is complete before taking any further steps.

In case the firmware update process of the wireless adapter failed (power outage, gamepad battery ran out, etc.) and as a result the gamepad does not respond to button presses, repeat the process starting from step 7.

Upon successful completion, the progress bar will turn fully green, the download value will be at 100 %, and the “SUCCESS” message will appear. The device status will change to “OFFLINE” and the LED indicator on the wireless adapter will be flashing red again.



When you run the program again and synchronize the device, the “Device Product Name”, “Device Model” and “Device Version” lines will change:

```
Device Product Name : USB
Device Model : DL2
Device Parameter : 001H
Device Version : 0214
Device Status : ONLINE
```

Initial data

```
Device Product Name : D15
Device Model : 3DL04
Device Parameter : 001H
Device Version : 0322
Device Status : ONLINE
```

Updated data

If the data has changed, it means that the firmware update process was successful.

**WARNING!** When restarting the program and connecting the device again, the entire firmware update process must be completed from start to finish again to avoid device malfunction.

## 1.4 Gamepad firmware update

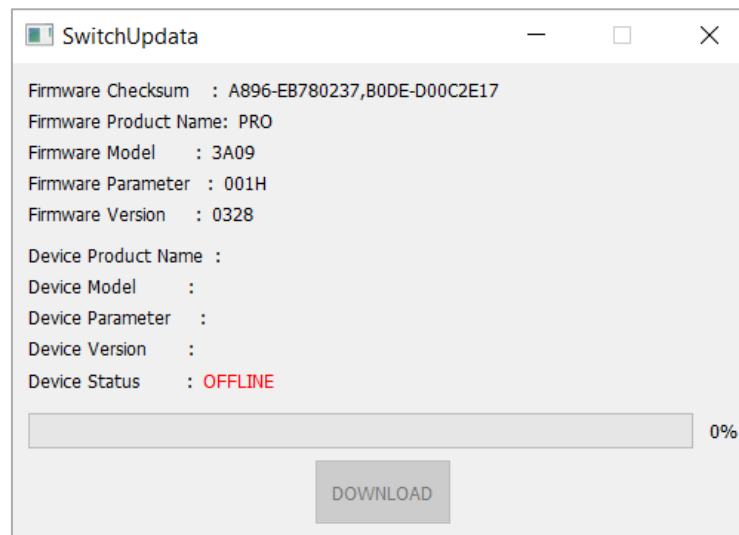
1. Find the pre-downloaded from the official website archive named “FW” at the following path:

“This PC” – “Downloads” – “FW”

2. Unzip the archive.
3. Locate the file named “20230328-SL9115F-A9.exe” at the following path:

“FW” – “gamepad” – “20230328-SL9115F-A9.exe”

4. Run the executable file by placing the cursor over it and double-clicking with the left mouse button.
5. Wait for the firmware installation program to start.



The device status will be displayed as “OFFLINE”.

6. Connect the gamepad to your computer's USB Type A port using the USB cable provided (see figure below).

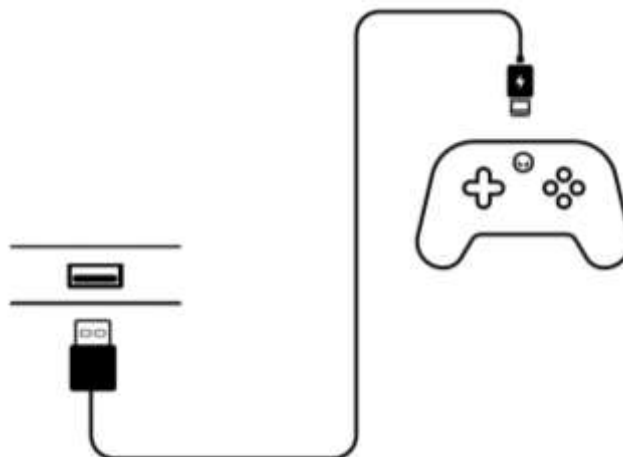
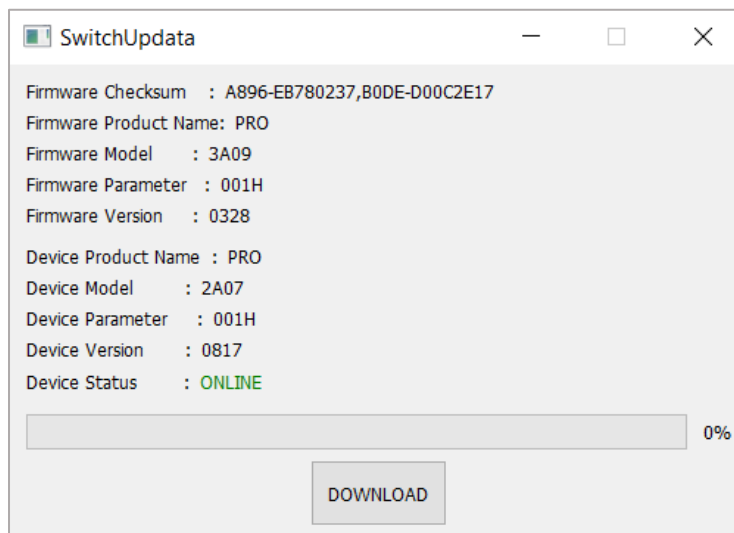


Figure 4 – Connecting the gamepad to a computer using a USB cable

7. Press and hold the gamepad's left joystick for 2 seconds. The status of the device in the program will change to "ONLINE".



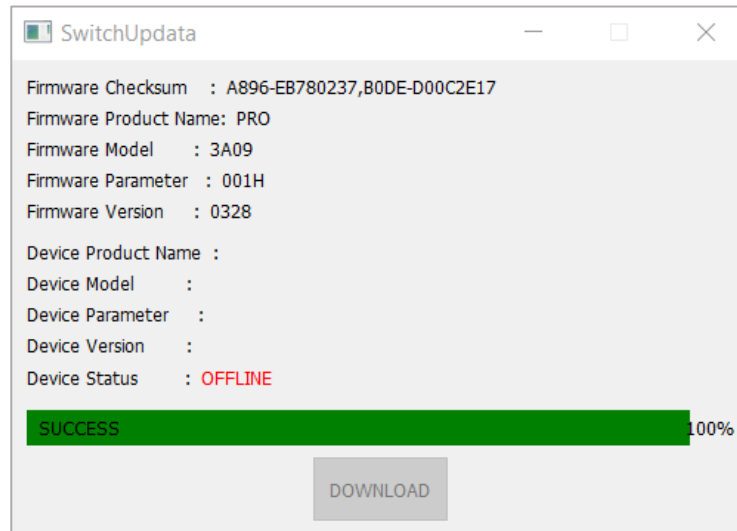
8. Click "DOWNLOAD" in the program to start updating the gamepad firmware to the latest version.



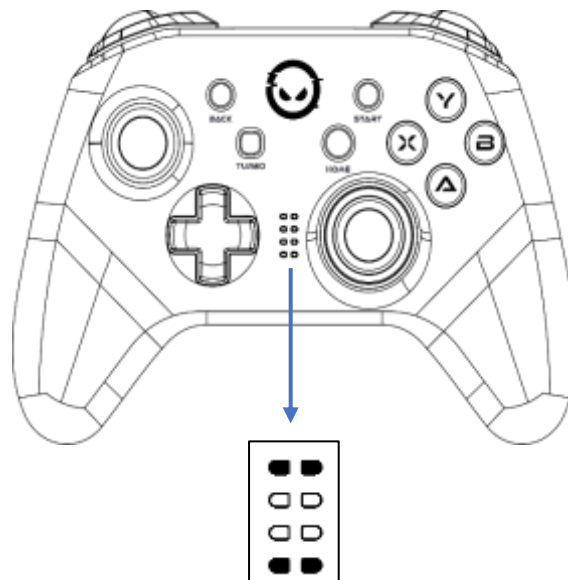
**WARNING!** At this stage, do not disconnect the gamepad from the USB port of the computer, close the program or turn off/reboot the computer. Doing so may cause irreparable damage to the gamepad and void the warranty. Make sure to wait until the firmware update process is complete before taking any further steps.

In case the gamepad firmware update process failed (cable disconnected, power outage, etc.) and as a result the gamepad does not respond to button presses, repeat the process starting from step 5.

Upon successful completion, the progress bar will turn fully green, the download value will be at 100 %, and the "SUCCESS" message will appear. The status of the device change to "OFFLINE".

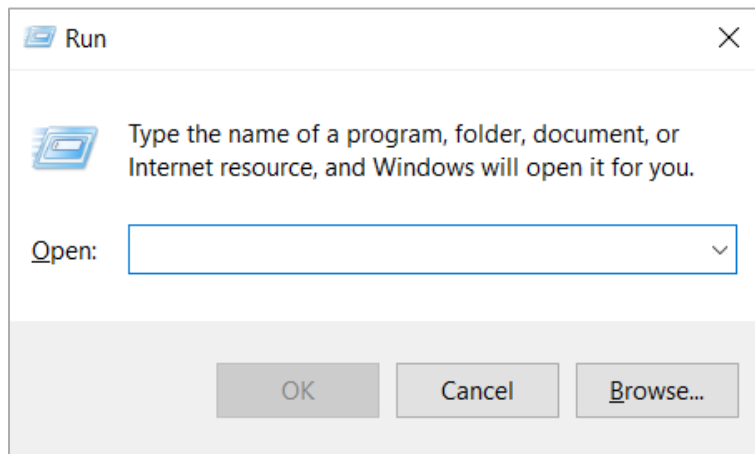


The gamepad indicator will glow blue continuously in the "XInput" mode \* (see figure below).

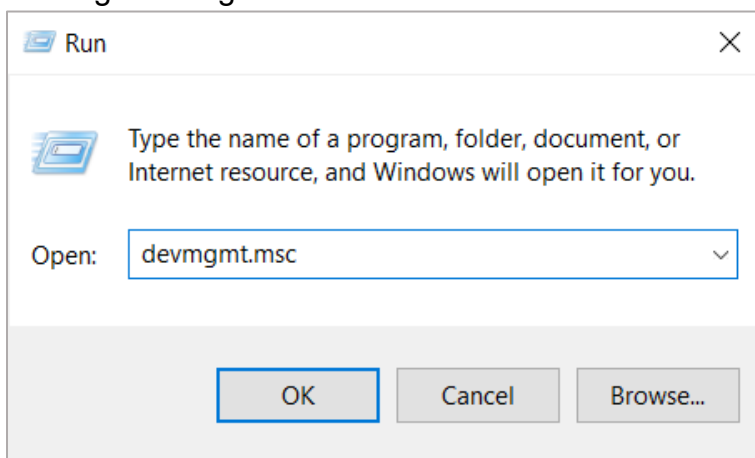


9. Make sure that the wireless adapter is displayed correctly in the built-in "Device Manager" program. To do this, follow the steps below:
  - Press Win and R on your keyboard at the same time. The "Run" dialogue window will appear.

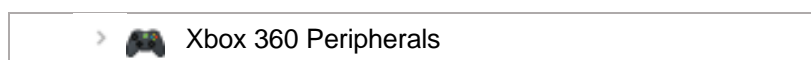
\* See "Glossary" section. For more details on all indication modes of the gamepad, refer to the full user manual available at [lorgar.com/drivers-and-manuals](http://lorgar.com/drivers-and-manuals).



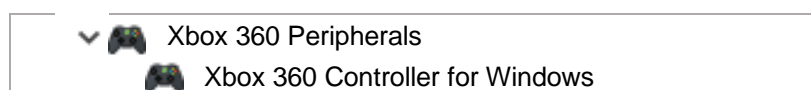
- Type in the following: "devmgmt.msc".



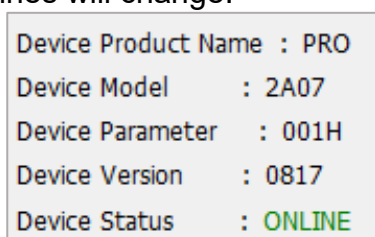
- Click OK in the program or press Enter on the keyboard.
- In the "Device Manager" dialogue window that opens, locate the "Xbox 360 Peripherals" line.



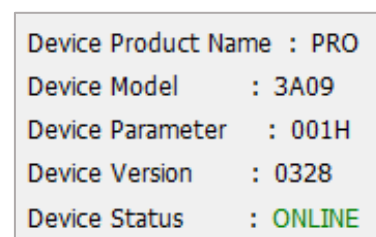
- Click the arrow next to the gamepad icon.
- Among the devices, find "Xbox 360 Controller for Windows" (see figure below). If the connection is successful, the gamepad will appear under this name.



When you run the program again and synchronize the device, the "Device Model" and "Device Version" lines will change:



Initial data



Updated data

If the data has changed, the firmware update process was successful.

**WARNING!** When restarting the program and connecting the device again, the entire firmware update process must be completed again to prevent the device from malfunctioning.

## 2 Other Information

### Manufacturer details

Name	ASBISc Enterprises PLC
Address	Iapetou, 1, Agios Athanasios, 4101, Limassol, Cyprus
Contact Info	Tel. +357-25-85-70-00, asbis.com

### Importing company details

Name	ASBISc Enterprises PLC
Address	Iapetou, 1, Agios Athanasios, 4101, Limassol, Cyprus
Contact Info	Tel.: +357-25-85-70-00, asbis.com

### Lorgar Service Centres

An up-to-date list of service centres with their addresses and phone numbers can be found at [lorgar.com/service-center](http://lorgar.com/service-center).

### 3 Glossary

<b>Firmware</b>	Embedded software
<b>Pairing</b>	Mutual registration of BT devices
<b>GDPR</b> (General Data Protection Regulation)	European Union Regulation 2016/679. The purpose of the regulation is to strengthen and unify the protection of personal data of all persons in the European Union
<b>XInput</b>	A mode that allows applications to receive data from an Xbox controller (or any other controller with XInput support)



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[lorgar.com](http://lorgar.com)