

Lightguard
WT01 Wireless
Trigger



Lightguard WT01 Wireless Trigger User Manual

[Home](#) » [Lightguard](#) » Lightguard WT01 Wireless Trigger User Manual 

Contents

- [1 Lightguard WT01 Wireless Trigger](#)
- [2 General safety warnings](#)
- [3 Description of the device](#)
- [4 Components](#)
- [5 Getting Started](#)
- [6 Troubleshooting](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)

Lightguard

Lightguard WT01 Wireless Trigger



Before using the Wireless Trigger, read this manual. The Wireless Trigger is a device that activates and deactivates the Light-guard system using BLE technology. It requires 3 AAA size batteries. Please read the instructions for replacing them safely. To activate a Lightguard array, you must press the button once, with a firm touch, to learn more, review the triggering instructions of this document.

General safety warnings

- Read the user manual before using the product for the first time.

Battery safety warnings

- Do not leave the Wireless Trigger near a fire or a heat source.
- Do not operate the Wireless Trigger in a place where the temperature can be over 80 °C or below -15 °C.
- Do not immerse or wet the Wireless Trigger module.
- If battery liquid leaks onto skin or clothes, wash well with fresh water immediately.

Description of the device

The Wireless Trigger activates and de-activates the Lightguard system by sending a signal over BLE technology. By default, the Wireless Trigger works with every Lightguard system configured. Each Wireless Trigger has a unique digital identifier and can be configured to activate one or multiple Lightguard arrays. For example, a wireless trigger can be configured to activate every Lightguard array on a floor, or the entire building. In case a trigger is lost or stolen, it can be remotely de-activated.



Figure 1: Wireless Trigger

Components

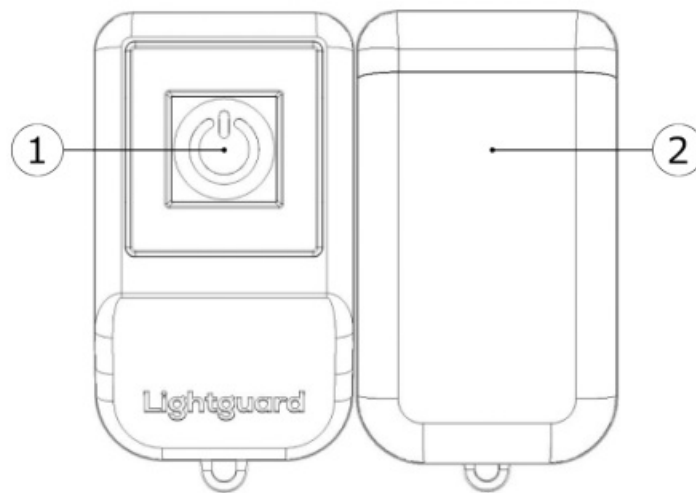


Figure 2: Wireless Trigger parts

	Item	Description
1	Trigger	Trigger Button
2	Batteries	Battery holder

Table 1: Wireless Trigger part details

Getting Started

Triggering Instructions

Press the Wireless Trigger button to activate the Lightguard system. The Wireless Trigger has a beep sound and a light confirmation for the button press. Make sure you press the button once and with a firm touch. In case the Wireless Trigger does not notify you, it may be that the batteries have run out (see Replacing the Batteries section). A different sound and light confirmation is played when the Lightguard system is successfully triggered.

Operation Modes

The Lightguard system can operate in two modes: offline and online. The operation mode can be configured in the

Command Module setup. By default, the offline mode is configured in the factory, this mode allows any trigger to activate the Lightguard array or a preset list configured by the user in the CommandModule setup. In the online mode, the Command Module is linked to the Lightguard server through the internet. In this mode, the trigger can be configured to activate one or multiple Lightguard arrays. Also, in case a trigger is lost or stolen, it can be remotely de-activated in the Lightguard setup web page.

Replacing the Batteries

1. Slide down the back cover of the Wireless Trigger to open the battery compartment cover.
2. Insert three AAA batteries into the battery compartment. Make sure that batteries are inserted in the correct orientation, insert the battery compartment cover in the back of the Wireless Trigger.

Warning: Do not mix old and new batteries. Do not mix batteries of different types.

De-activating Instructions

Press and hold the Wireless Trigger button for 5 seconds to de-activate the Lightguard system. A light and sound confirmation are played when the trigger successfully de-activates the Light-guard system, the system will stop the flashes after 5 seconds. A Wireless Trigger is allowed to de-activate a Lightguard system, only if it is a registered trigger.

Trigger Registration

The system has the option to only authorize triggers that have been registered. In this case, only triggers that are registered and associated with an array will work. To add a Wireless Trigger to the list, enter the Command Module configuration setup, a list of Wireless Triggers serial numbers (S/N) is displayed, check the S/N to be added to the allowed list, or uncheck it to remove it from the allowed list. There is also the option to allow any. Finally click on the submit button to save the changes. If the desired Wireless Trigger S/N is not displayed, restart the Command Module, then push the Wireless Trigger button, and try again, the new trigger should be listed now. Only the checked triggers will be allowed to activate and de-activate the lighting array.

Lightguard Setup web page Trigger Activation

The Lightguard setup web page is a graphical user interface and a dashboard to configure and manage the Lightguard array. Shee serves as visual representations for Wireless Triggers, command, and Lighting Modules. Additionally, it allows multiple rays to be grouped to sets. Assets are organized into hierarchical groups such as rooms, floors, buildings, etc. When a trigger signal from an unregistered Wireless Trigger arrives to a Command Module for the first time, it will be recorded and associated with the same asset the Command Module is part of. On the dashboard, the Wireless Trigger will appear alongside the Command Module that received the trigger signal. By default, the trigger will be disabled, to enable itt click the enable/disable switch, and the trigger will be ready to activate all the Command Modules related to the same asset.

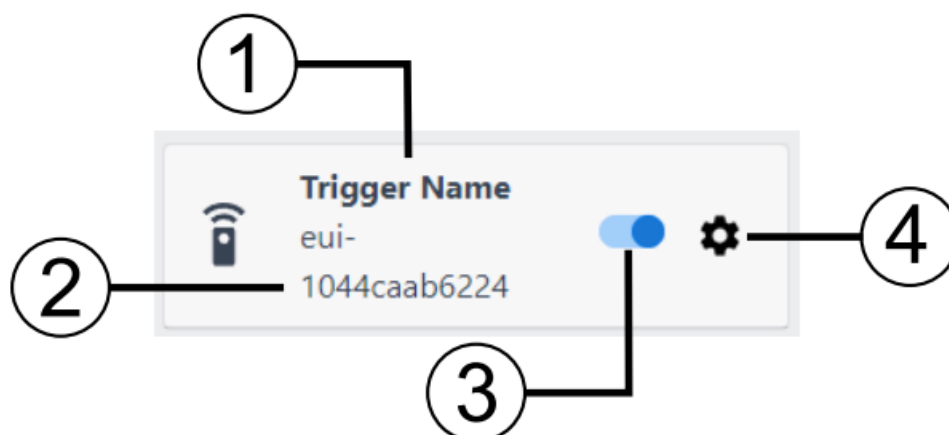


Figure 3: Wireless Trigger online representation

Table 2: Wireless Trigger online representation details

	Item	Description
1	Trigger name	Displays the current trigger name.
2	Serial Number	Displays the trigger serial number.
3	Enable/disable switch	Enable/disable the trigger
4	Trigger settings	Opens the trigger settings dialog.

Troubleshooting

The trigger does not activate a Lightguard array.

1. The trigger is not registered to the Command Module. Please register the trigger to the Command Module configuration service, following the instructions described in section Command Module Trigger Registration.
2. Batteries need to be replaced (see the Replacing the BB Batteries section)


Regulatory Information

FCC ID: 2A9AAWT01

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications made to this equipment not expressly approved by (Lightguard LLC) may void the FCC authorization to operate this equipment.

Version	Date	Author	Rationale
1.0	05/03/23	Tech Team	First release

Documents / Resources

	Lightguard WT01 Wireless Trigger [pdf] User Manual WT01, 2A9AAWT01, WT01 Wireless Trigger, WT01, Wireless Trigger, Trigger
---	---

References

- [User Manual](#)

Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.