



**LLC LASERWAR**

# **SPECIFICATION**



**PULSAR blaster**

Dear Customer!

Thank you for choosing our products! LLC LASERWAR would like to assure you that you will enjoy the purchased device and it will serve you long. This slip defines the terms of the guarantee.

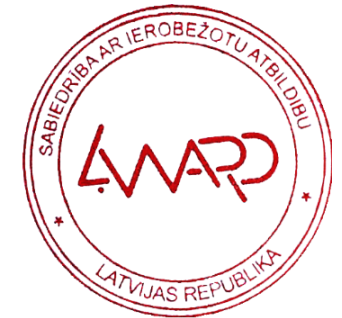
This guarantee slip period is **24 months** from the purchase day provided that the terms and conditions set out in this guarantee are complied with.

## 7. Contact details

Official website:  
www.laserwar.com

e-mail:  
info@laserwar.com  
help@laserwar.com

Date of purchase: \_\_\_\_\_



*stamp*

\_\_\_\_\_  
*signature*

Equipment version:

	v.11 ALPHATAG
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	Prism
	Parallax

Serial number:	
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Information about repair works during the guarantee period  
(filled out by the repair centre)

Date: _____ Maintenance carried out: _____ _____ _____ Repair centre stamp	Date: _____ Maintenance carried out: _____ _____ _____ Repair centre stamp
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## 1. Application

The PULSAR blaster is a light-and-sound rifle designed for playing laser tag.

## 2. Technical specifications

Weight	1,25 kg
Length	56,6 cm
Accumulator type	Li+; 7,4 V; 5000 mAh
Battery charger type	Spider, Smart Li+
Continuous operation time	Up to 50 hours
Effective firing range	250 m
Software	ALPHATAG configurator

## 3. Delivery set \*\*\*

No	Name	Unit type	Amount
1.	Light-and-sound rifle	pcs.	1
2.	Product specification	pcs.	1

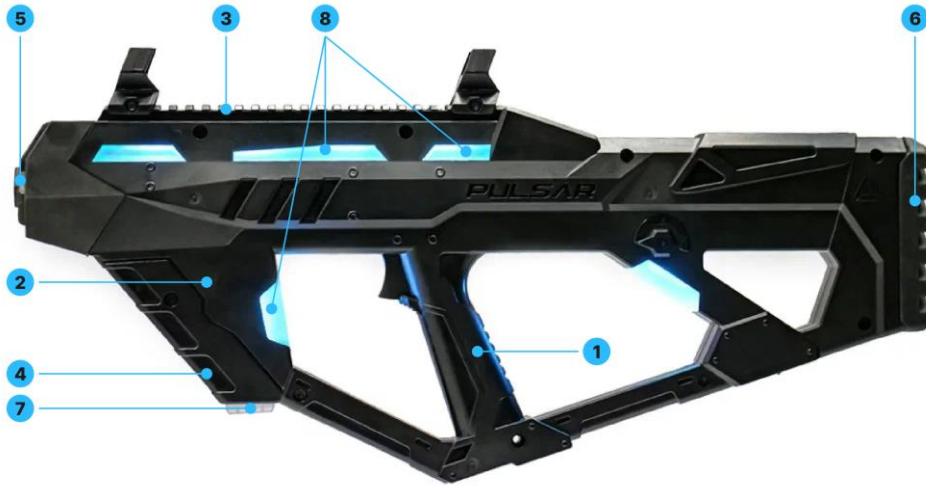
## 4. Description and operation

### 4.1. Construction

The communication between the weapon and the headband is achieved by means of Bluetooth technology.

The construction of the PULSAR blaster is presented in Scheme 1.

*Scheme 1*



- 1 – pistol grip.
- 2 – speaker.
- 3 – Picatinny bar.
- 4 – tactical handle.
- 5 – optical system.
- 6 – butt
- 7 – recharge button
- 8 – light elements

Guarantee terms and conditions:

1. The guarantee comes into force upon presenting of this slip, with a confirmed by a repair center date of purchase displayed.
2. These guarantee promises cover only the devices purchased from an official representative of LLC LASERWAR, or its official dealer.
3. This guarantee does not cover products in the following cases:
  - if the customer does not follow the directions outlined in the User's manual;
  - in case of damage;
  - if any objects or liquids get inside of the device.;
  - if it gets damaged by pets;
  - unauthorized access to the units and details of the device;
  - abuse or misuse, including failure to use this product for its normal purposes;
  - any cause beyond the control of the company, Force Majeure (natural catastrophes, fire, accidents, etc.);
  - if the device fails due to incorrect connection, voltage fluctuations, and/or improper care.
4. Should it happen that you lose your guarantee slip, you will not be issued a copy.

The equipment must be stored in a well-ventilated room at a temperature of +18°C to +30°C, air humidity 45% to 65%.

**The equipment must be charged before storing (ideally, at the nominal voltage of the accumulator).**

## 6. Guarantee promises

The manufacturer guarantees reliability of the LASERWAR individual set provided the user complies with all the product use requirements. The manufacturer promises to replace or repair an individual set of equipment provided that the user complied with the rules of transportation, storage, use and paid for the delivery of the faulty equipment to the service center.

**The guarantee covers for battery chargers, speakers, infrared modules is 14 DAYS.**

**ATTENTION! If the battery is used incorrectly (wrong battery charger is used to charge the equipment), the accumulators will not be covered by the guarantee!**

Visit our website [www.laserwar.com](http://www.laserwar.com) to read the full version of the user's manual by LLC LASERWAR.

## 4.2. Setting up the 11<sup>th</sup> generation equipment

The tactical and technical characteristics of the device can be changed by using the uniform settings program "ALPHATAG-configurator".

Turn on the headband and rifle and hold them close to each other to establish a connection. In the main window of the configurator, select the "Settings" mode, and the window that opens will display the active connection and the number of connected devices.

Select the desired device, adjust its parameters and click the "Apply" button. Under the device icons, the battery charge and Wi-Fi signal levels are displayed.

### 4.3. Activating the device

To activate the PULSAR blaster, one must switch on the rifle and the headband. They communicate with each other and will enter the standby mode – the light diodes of the headband will start flickering. After that, one must send the “New Game” command using a remote. The device is now ready for operation.

## 5. Using your device

**1. *Weather conditions.*** We strongly advise that you do not use the equipment in poor weather conditions and at a temperature below -20°C.

Make sure no liquids get inside of the item. If this happens stop operating the device and allow it to get dry at room temperature for at least 2 hours.

You should never charge the equipment that has been exposed to low temperatures. You have to allow the electronic equipment to warm up at room temperature, and allow the condensation, produced due to sudden weather conditions change, to evaporate.

**2. *The accumulators.*** Lithium-ion accumulators are used as a source of energy in the PULSAR blaster. Only a universal automatic Li+ battery charger can be used to charge the device. **You must connect the charger to the gun first, then to the mains.**

There is a special indicator to help control the charging process. If the accumulator is uncharged the light diode glows red; when it is fully charged the color changes to green.

**Attention! Guns must be recharged immediately after use under constant supervision at a temperature above 0°C for a maximum of 2 hours.**

**3. *The headband.*** When using headbands you must make certain you use the special fabric bands that protect the electronic components from humidity. If the band becomes wet during use, this may cause the electronic equipment to fail – the band must be dried immediately.

Besides, while you are using the bands it may happen that the caps that protect the sensors get cracked. In such cases the caps must be replaced. The bands must be recharged not later than 80 minutes after the game has been over.

The equipment must be stored in a well-ventilated room at a