KIT Bundles Catalogue for Laserwar Electronics

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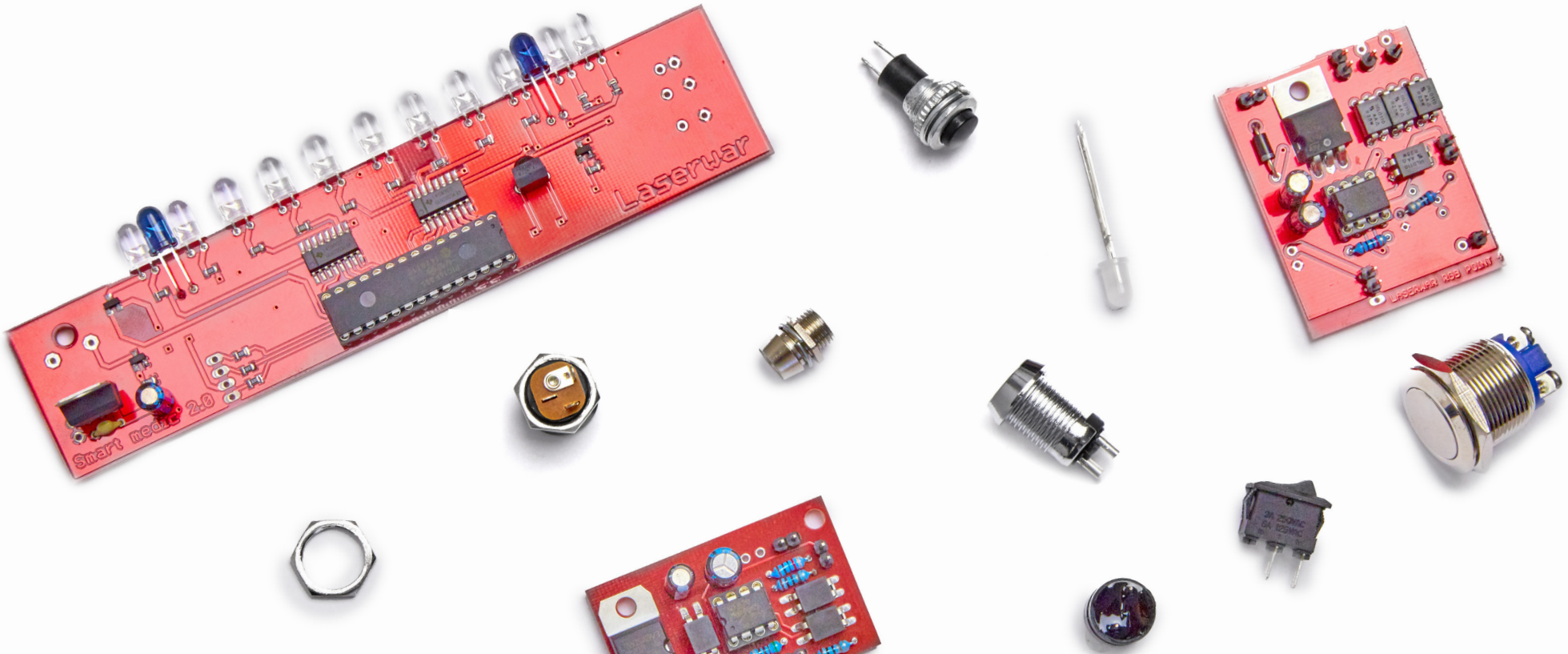
Kit bundles are the heart of LASERWAR game sets. In this catalogue you will find things hidden from the eyes that provide good work of our equipment. We have taken to pieces working devices. Vibromotors, motherboards, accumulators - each kit has parts required to assemble lasertag equipment.

We use reliable and tested electronic parts. Anyone who has tried to integrate electronics knows: Pricise dimentions of components — half of the battle. We've assembled hundreds of thousands of taggers on our own, and we now what parts should be used in lasertagmodels.

When integrating electronics, you don't have to think about the internal layout: The device's frames have special slots for installing parts. You will enjoy assembling your equipment, but will not spend a lot of time on the whole process.

On our official website you can find solder diagrams. Kit bundles will save money for lasertag clubs. The inside parts will help you to assemble new equipment as well as in repair works. If you what to plunge into the world of LASERWAR spare parts, this catalogue is at your disposal.



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Electronics Kit v.9 Smart

Unlike v.8 Sport it has a new type of headband. The new smart RGB headband has a multi-zone function as well as background illumination and anti-cheat function. A universal charging system and battery status indicator.

The set includes:

- v. 8 Pro Motherboard with soldered elements
- Headband
- Lithium 2,2 Ah accumulator
- Veco Speaker
- Hybrid Infrared module
- Microswitch
- Power socket
- Anti-vandal power on mechanism with a set of keys

Electronics Kit v.8 Sport

A modern and convenient lasertag kit. For all plastic frames and devices. Additionally, you can purchase an optical tube.

The set includes:

- v. 8 Pro Motherboard with soldered elements
- Headband
- Lithium 2,2 Ah accumulator
- Veco Speaker
- Hybrid Infrared module
- Microswitch
- Power socket
- Anti-vandal power on mechanism with a set of keys

Electronics kit for v. 7 Smart LT update

Improve your laser equipment by saying goodbye to wire kits. You will need to change the motherboard processor and connect a universal Bluetooth-module.

The set includes:

- IR Module
- Wireless headband
- Programmed processor

Phoenix Electronics Kit

A flagship tagger is now avaliable for individual electronics integration. You can get a very reliable laser tag set.

The set includes:

- MP9-LT Phoenix with screws
- Charging socket
- Tactical Grip
- Speaker
- IR Module
- Lens
- Sighting equipment
- Trigger
- Reload Button
- A set of hex screws for frame, grip and sight assembling

AK-12LT Electronics Kit

A flagship tagger is now avaliable for individual electronics integration. You can get a very reliable laser tag set.

The set includes:

- Enclosure for AK-12LT
- Standart sighting equipment
- Trigger
- Set of 13 hexagonal screws
- Optical Lens
- IR Module
- Reload button
- 2.1 mm power slot
- Microswitch
- Anti-vandal lock with a set of keys
- Speaker

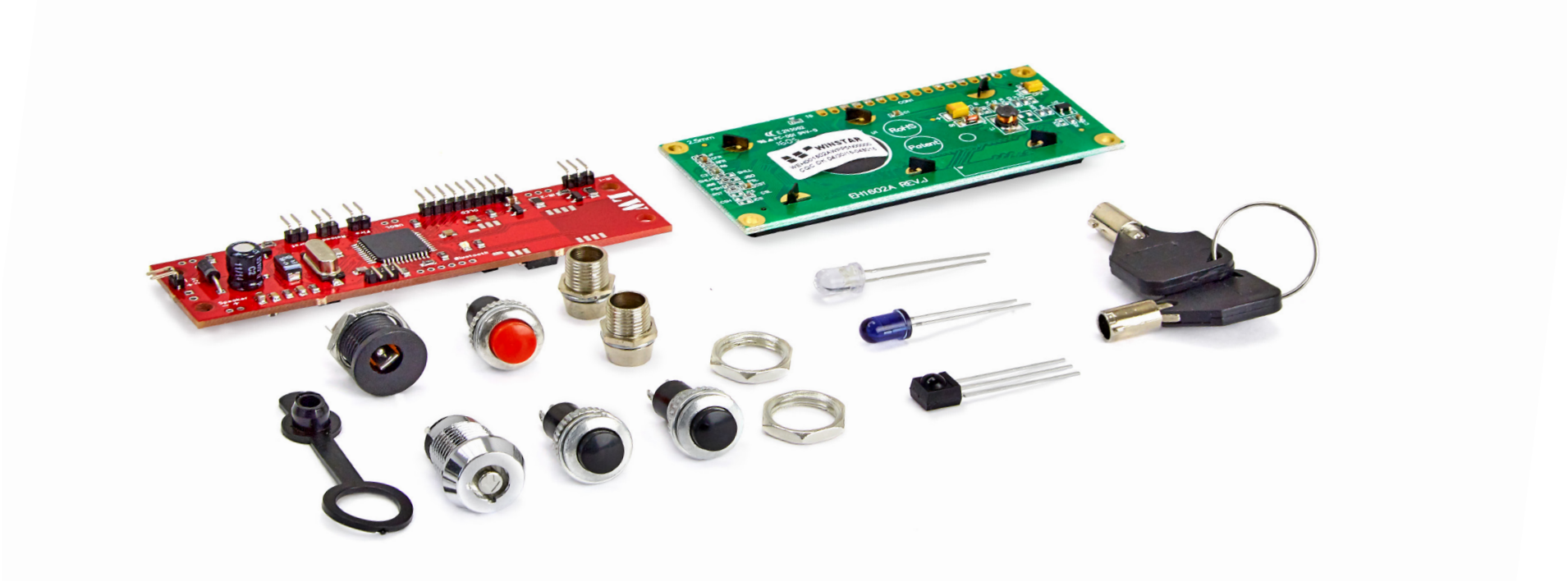
Krechet Electronics Kit

A third unique Laserwar tagger. The weapon is super popular among club owners. Despite of the small size all electronics is inside the weapon that makes it look very authentic.

The set includes:

- PRO motherboard
- Tagger's frame
- Trigger with springs
- Tube cover
- IR Module
- Speaker Mini
- Microswitch Mini
- Tact button
- Anti-vandal lock
- Power socket
- 1.4 mAh accumulator
- Lens

Remote Pro Electronics Kit

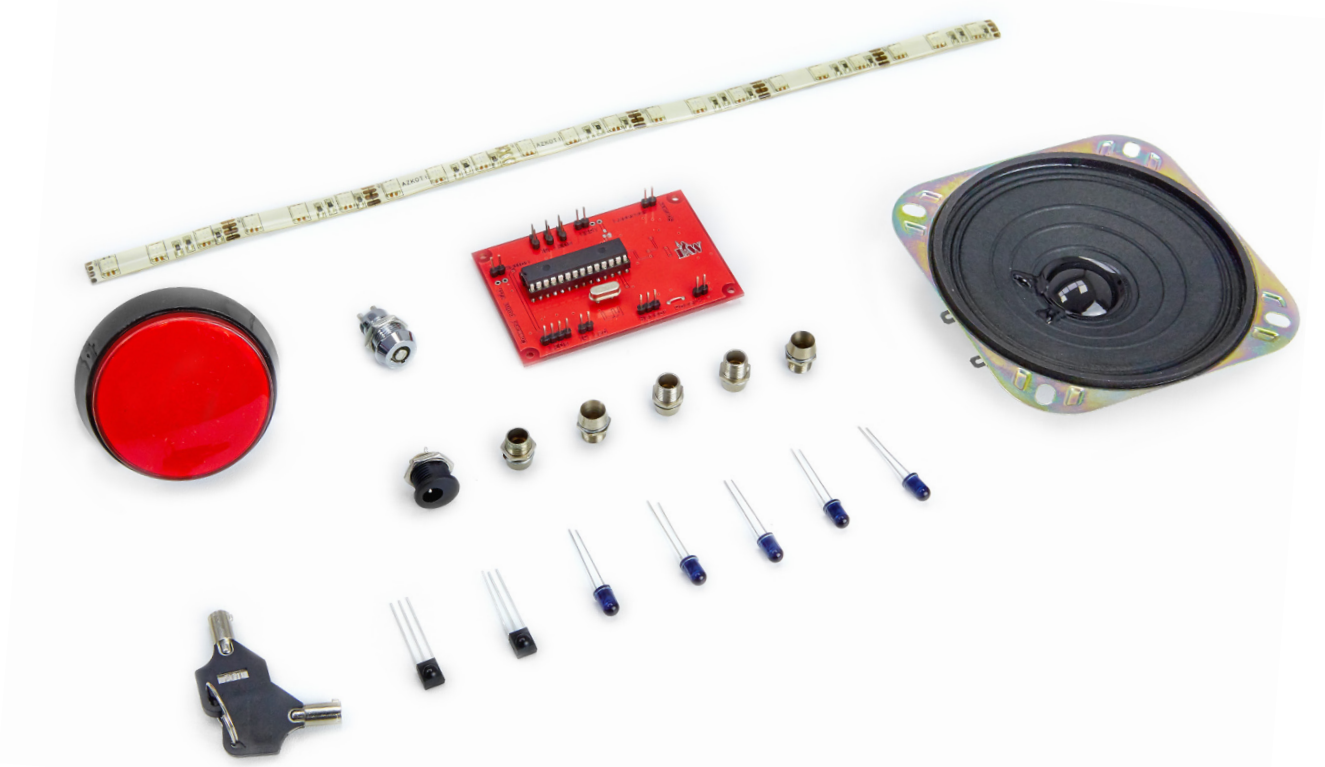


An additional device that allows you to quickly change settings, scripts, test your equipment directly on the battlefield. It's comfortable, mobile, multifunctional.

The set includes:

- Motherboard with soldered elements
- Button
- IR diode
- LED
- Power lock
- Power socket
- Photosensor
- OLED display

Command Post Electronics Kit

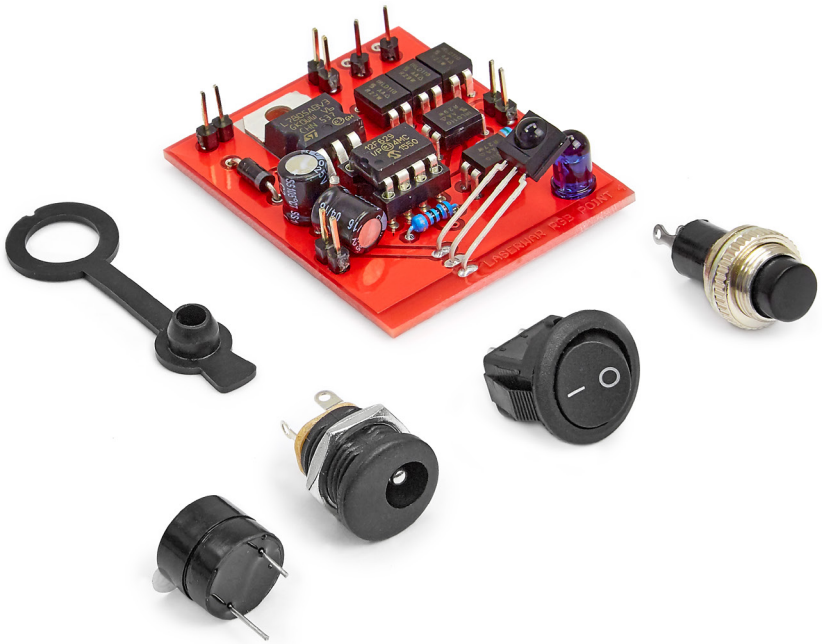


A universal device suitable for any scenario that can replace many additional devices. A powerful dynamic will ensure a high quality digiral sound.

The set includes:

- Motherboard with soldered elements
- RGB band
- IR diode
- Photosensor
- 3 W Speaker
- Power socket
- Anti-vandal lock and key
- Button

Control Point Electronics Kit



An additional device that should be captured by one of the teams. To win, you should keep the device under your control as long as possible.

The set includes:

- Motherboard
- Programmed processor
- Power button
- Power socket
- Mode switching button

Medical Box Electronics Kit

Designed to restore virtual health, ammunition, or full player recovery. The big button makes the device convinient to use.

The set includes:

- Motherboard
- Programmed processor
- Anti-vandal button
- IR Module
- LED
- Power button
- Power socket

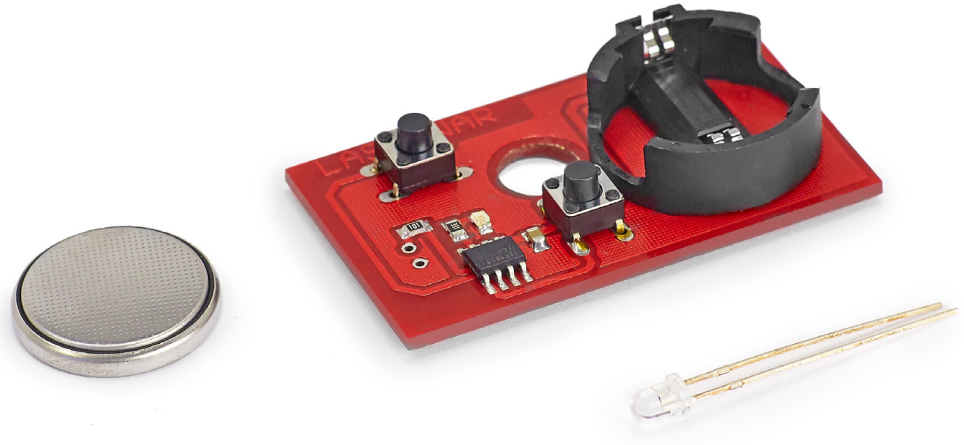
Lasertag Vest Electronics Kit

Designed for placing hit sensors Can be used in with or without a headband. The sensors and units are placed directly on the fabric.

The set includes:

- Motherboard with soldered components and a programmed processor
- Sensor
- Control processor
- Vibromotors
- Li + accumulator (2.2 Ah)
- Anti-vandal lock and key
- Power socket
- Set of mounting screws

Nano Remote Control Electronics Kit



A small remote controll for lasertag instructors. The two buttons will perform two different functions. They can be selected when ordering the kit.

The set includes:

- Motherboard with soldered elements
- Power connector
- CR2032-1 Battery

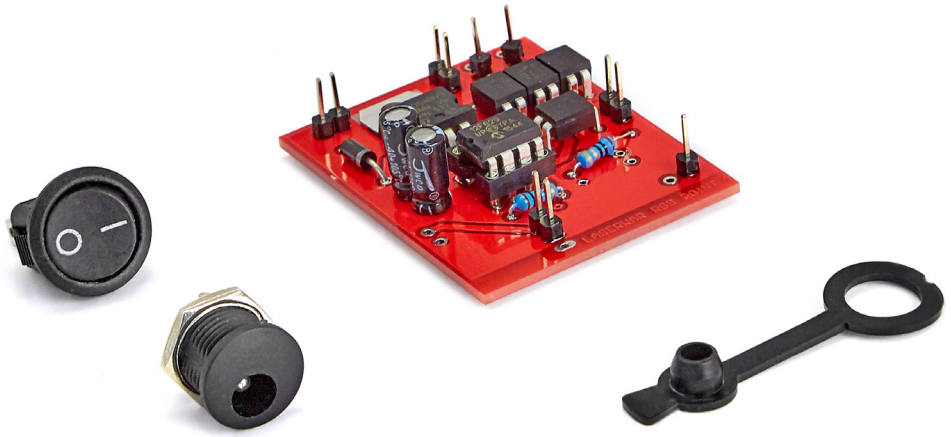
Wireless adapter

Helps to upgrade wire equipment. Having soldered the Bluetooth-module, changed the motherboard processor and the headband unit you can get an updeded lasertag set.

The set includes:

- Adapter
- Bluetooth Module
- Control processor

Battlefield Electronics Kit

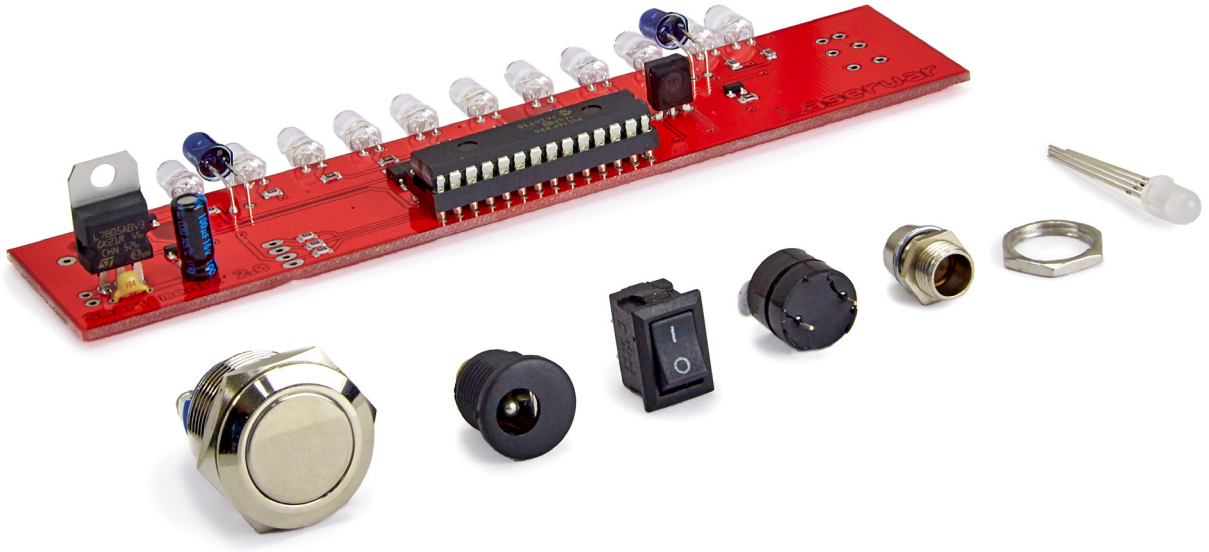


Designed for capturing a control point or a command post. This universal device can be used not only in lasertag but in paintball and strikeball as well.

The set includes:

- Motherboard with soldered elements
- Programmed processor
- Power button
- Power socket

Medical Box Electronics Kit

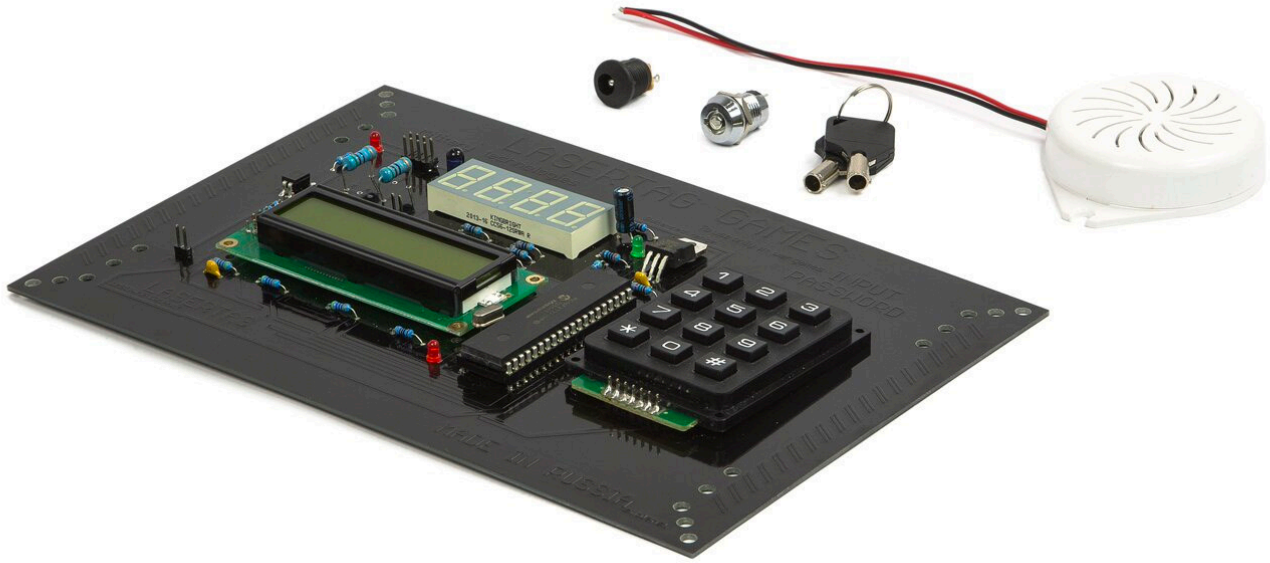


The device is responsible not only for the player's health but also for ammo and energy. The smart kit can change the color of the team, double health, turn the player into zombie, etc. Everything will depend on the selected settings.

The set includes:

- Motherboard with soldered elements
- RGB LED
- Piezo sound emitter
- Power socket
- Switch
- Anti-vandal button

Explosion Device Simulator Electronics Kit

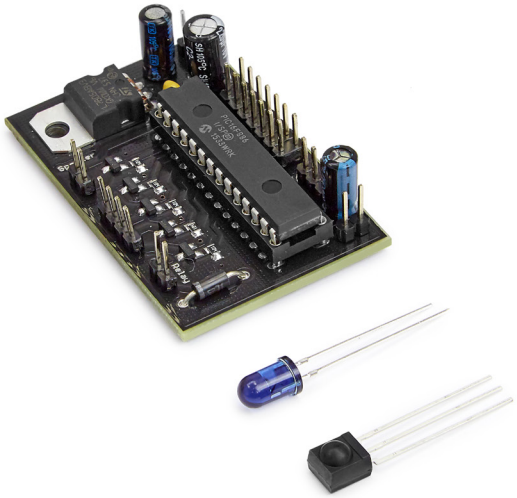


The device is turned on by turning a key in the anti-vandal lock. Use a password to activate/deactivate the device.

The set includes:

- Motherboard with soldered elements and a programmed processor
- Piezo sound emitter
- Power socket
- Anti-vandal lock
- Key

DOME Electronics Kit



A system that blows up houses and armored vehicles. Combines reliability and compact dimensions.

The set includes:

- Motherboard with soldered elements
- Photosensor
- IR diode

Universal Control Point Electronics Kit

Combines the functions of three devices: Revival point, anomaly, radiation. Can imitate the work of all the above mentioned devices. You can also make it imitate just one device.

The set includes:

- Motherboard with soldered elements
- Programmed processor
- IR diode
- LED
- Button
- Power lock
- Power key
- Power socket

Electronic RGB target Electronics kit

Used for shooting practice before the start of the game. Has a brught display with visual settings. You can programm the device on the go.

The set includes:

- Motherboard with soldered components and a programmed processor
- Optical sniper tube
- Speaker
- IR module
- Sensor
- 2200 mAh lithium accumulator
- Power socket
- Reload button
- Microswitch

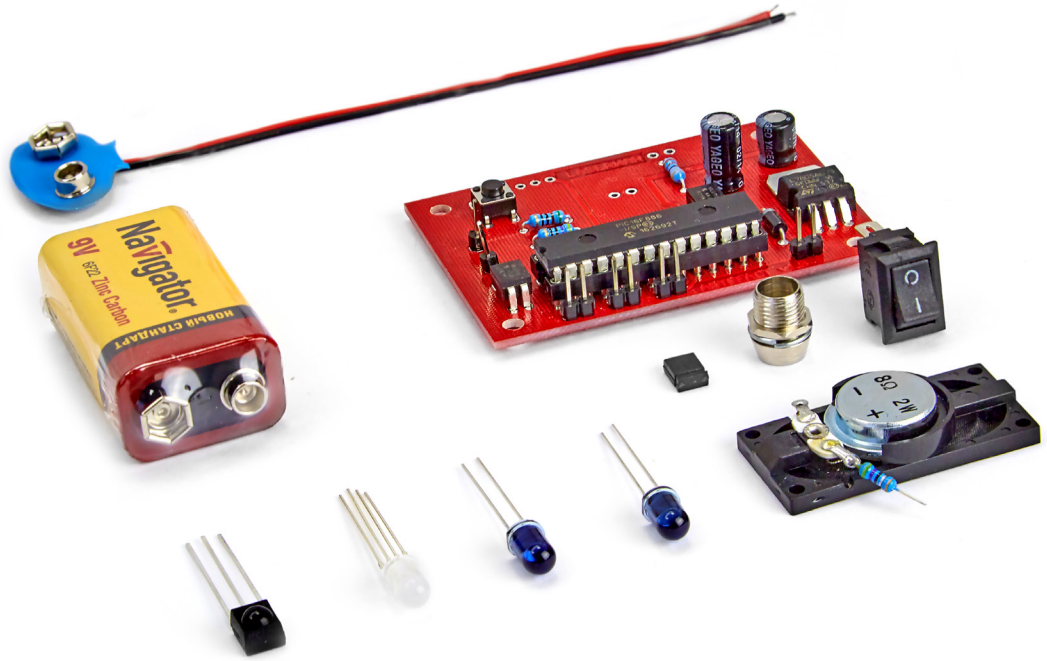
RPG Electronics Kit

The electronic elements can be integrated into any RGB frame. HSL mini Motherboard is included in the set.

The set includes:

- Motherboard with soldered components and a programmed processor
- Optical sniper tube
- Speaker
- IR module
- Sensor
- 2200 mAh lithium accumulator
- Power socket
- Reload button
- Microswitch

Artifact Electronics Kit

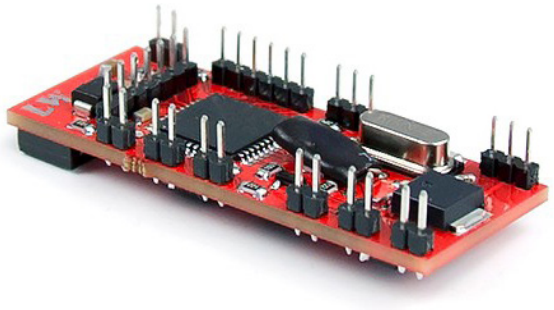


There are four avaliable artefacts: Fire, water, earth or air. The equipment can be programmed with the help of the lasertag configurator using the usb base.

The set includes:

- Motherboard with soldered elements
- Programmed processor
- Power button
- IR diode
- RGB LED
- Krona battery connector
- Speaker
- Krona battery
- 5.1 Om resistor
- Photosensor

Micro Motherboard

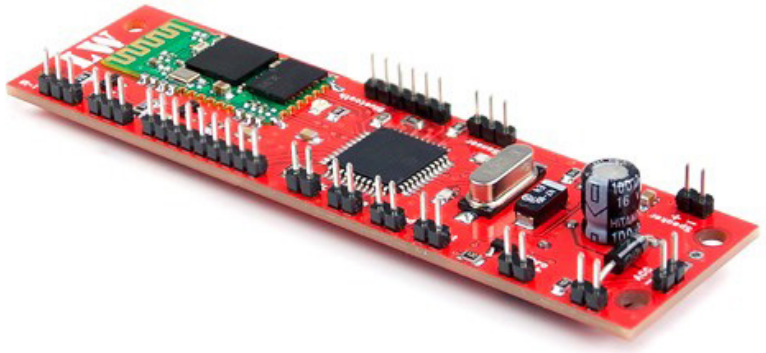


Installed in pistol/ machine postol game sets.
Dimensions: 51 mm x 20 mm.

The set includes:

- Motherboard with soldered components and a programmed processor with Lite firmware
- Sound processor
- Control processor

Motherboard PRO

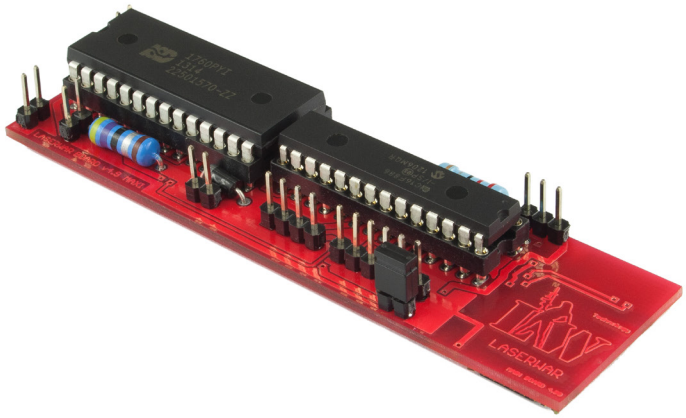


Installed in the following game sets: assault/sniper rifles, machine guns, grenade launchers. Dimensions: 91 mm x 25 mm.

The set includes:

- Motherboard with soldered components and a programmed processor with Lite firmware
- Sound processor
- Control processor

Motherboard HSL-MAXi

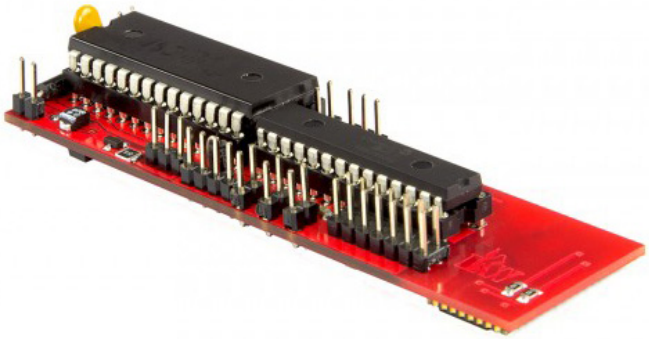


Used in the 8-th generation and earlier wire/wireless game sets. The motherboard has a Bluetooth-module. You can connect a OLED display and a grenade launcher.

The set includes:

- Motherboard with soldered components, and a Bluetooth-module
- Sound processor
- Control processor

Motherboard HSL Extreme edition

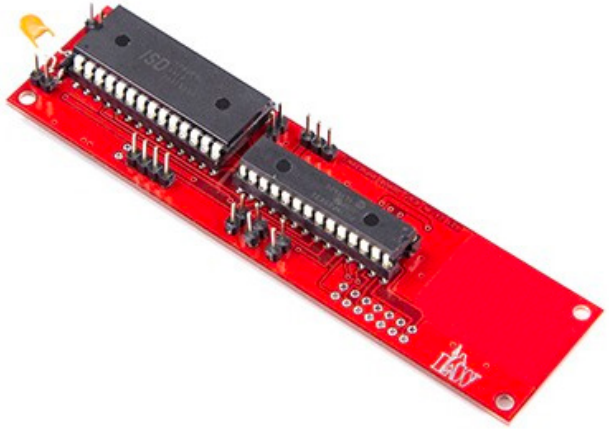


Designed for the 7th generation equipment with LCD-screen support. The motherboard has a Bluetooth-module. The fuse system will not allow short circuits if assembled incorrectly.

The set includes:

- Motherboard with soldered components, and a Bluetooth-module
- Sound processor
- Control processor

HSL AK-12LT Motherboard

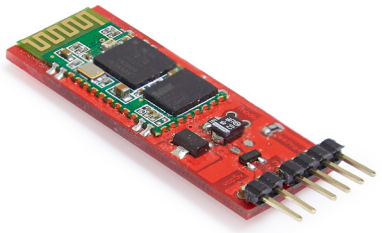


HSl AK-12LT motherboard is integrated into AK-12LT PREDATOR play sets.

The set includes:

- Motherboard with soldered components, and a Bluetooth-module

Bluetooth module



External BT module for play sets working with HSL Mini motherboards (Smart LT firmware) and v.8 micro.

The set includes:

- Bluetooth-module

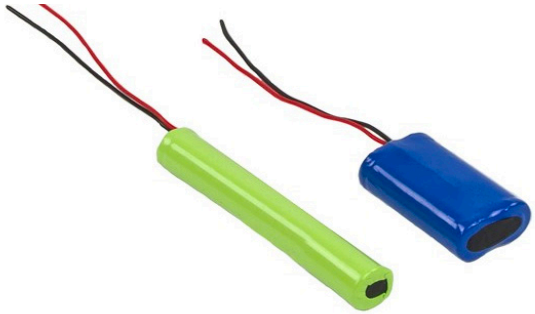
Delta Lead-acid Accumulator

Lead-acid batteries are used in additional equipment. Depending on the capacity the following types of batteries are available: 0,800 Ah, 1,200 Ah, 2,200 Ah.

Lithium-Polymer accumulator

The accumuylator is used in smart RGB headbands.
Capacity: 1800 mAh

Lithium accumulator



Lithium accumulators are used in game sets.
Capacity: 800 mAh, 2200 mAh, 3000 mAh

Vibromotor-feedback

Installed in taggers. Imitates recoil.

Command Post Button

The button is used for selecting scenarios in the command post. Withstands hundreds of thousands of clicks. The extreme button positions are accompanied by a characteristic click.

Connector Wire

Used for electronics integration into the frame. Minimum order ammount — 10 meters.

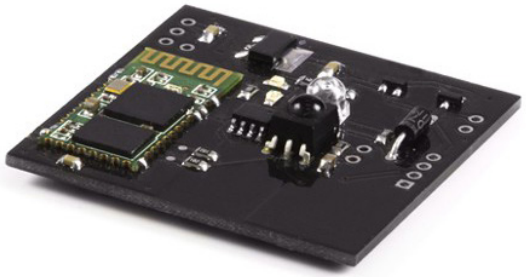
Sensor cap

Used in headbands, lasertag vests and Laserwar covers. The set includes a lid and base.

Assembled Sensor V.5

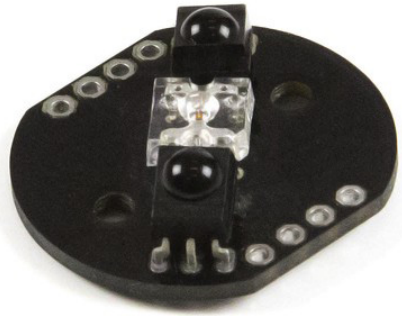
The set includes: sensor's lid and a base, tsop sensor , TLWR LED.

Basic Sensor



Used in the 8-th generation headbands.

Additional Sensor



Used in lasertag headbands and the 8-th generation covers.

Main Sensor body

Used for installing the main sensor.

Assembled Rear Unit

Used in the 8-th generation headbands. The kit will help you to integrate electronics and in repair works.

Speaker from MINI series

Used in Laserwar pistols. Power — 1.5 watts. The rated electrical resistance — 8 ohm. The diameter is 28 mm.

Piezo Sound Emitter

Used in additional devices.

Speaker

Used in assault rifles. We garantee high quality sound.
Power — 1.5 watt. The rated electrical resistance — 8 ohm.
The diameter is 57 mm.

VECO Dynamic

Power — 1.5 watt. The rated electrical resistance — 8 ohm. The frequency range is 200-1500 Hz. The diameter is 57 mm.

Power Indicator

Used in additional devices for displaying the status.

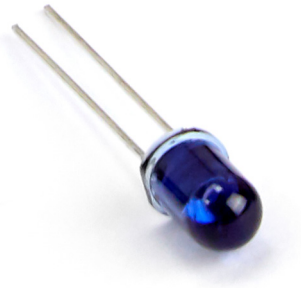
Shot illumination Diode

Gives the cross-type Illumination of the shot Used nearly in all LASWEWAR models.

White IR Diode

Shot emitter Used in Laserwar game sets.

Blue IR Diode



Used in the command post, grenade and other Laserwar additional devices.

Microswitch (gray)

Used for models ercharging. Installed on Kalashnikov game sets.

Microswitch (black)

Used in lasertag triggers.

Reload button

Replenishes ammunition.

Power Button

Turns the equipment on/off.

OLED Display

Installed in game sets. Shows the operating mode, number of cartriges, health popints.

Vibromotor

Used in Laserwar headbands. Vibrates when the player is hit.

IR Module from TL-Series

Shot emitter Used in Laserwar game sets.

IR Hybrid Module

Shot emitter Gives a small killing spot and provides high range.

Controll Processor

Installed in game sets.

Sound Processor

Provides sound for 7-th generation equipment and lower.

Anti-vandal Lock and Key

Used for turning on/off game sets. Cheating and accidental shutdown are excluded.

Power Socket

Used for charging Laserwar equipment. The set includes: power socket, retainer ring, rubber Cap.

Optical Tube for assault rifles, M-series.

A coppy of a Red Jacket BMF supressor, which was designed specifically for 5.56 x 45 mm assault rifles.
That's why we recommend the optical tube for M-series devices: M16-G2, M16-M203, Colt M4-A1, Colt M4-A3 «Centurion». Weight — 208 g. Length — 21 cm.

Parameters:

Weight	208 g
Length	21 cm
Effective firing range	120-250 m

Optical Tube PBS-1L

Designes for AK-series weapons. Provides an optimum range of 200 meters. The design of the tube will like fans of Kalashnikov weapons.

Parameters:

Weight	208 g
Length	21 cm
Effective firing range	200 m

Optical Tube for assault rifles.

Assault Optics is the pearl of our company. The company pays special attention to the design. The optimal range is 200 meters. Weight — 214 g. Length — 21 cm.

Parameters:

Weight	214 g
Length	21 cm
Effective firing range	200 m

Optical Tube for assault rifles.

Sniper optics makes lasertag a unique sports. With the range of up to 350 meters you will like the sniper's work. Weight — 220 g. Length — 21.5 cm.

Parameters:

Weight	220 g
Length	21,5 cm
Effective firing range	350 m

Optical tube for machine pistols

These weapons are relatively small. The player who uses a machine pistol can quickly change his position. We've created a special tube for taggers like these ones. The weight is 150 grams, and the length is 20 cm.

Parameters:

Weight	150 g
Length	20 cm
Effective firing range	120-250 m

Optical Tube for Val and Vintorez weapons

Val and Vintorez are two unique Laserwar models. Their power and ease of use are respected by lasertag professionals. The tubes kook great and doesn't spoil the weapon's design. The weight of the tube is 189 grams, and the length is 20 cm.

Parameters:

Weight	189 g
Length	20 cm
Effective firing range	120-250 m

TGP-A Optical Tube

The tupe is a coppy of a TGP-A flame suppressor and is installed on the weapons from AK series.
Weight — 124 grams, length — 21 cm, radius — 3 cm. We can install a new IR module on demand.

Parameters:

Weight	124 g
Length	21 cm
Effective firing range	120-250 m

Optical tube for submachine guns.

If you use a powerful machine gun, you can cover your teammates, suppress the enemy's fire and keep your opponent under constant pressure . We have special tubes for subnachine guns. They improve the optimal range. Now it's up to 300 meters. Weight — 200 g.

Parameters:

Weight	200 g
Length	21 cm
Effective firing range	300 m

Contact us

+371 26834489
laserwar.com

sale@laserwar.com,
manager@laserwar.com

Meiranu street 3, Riga, LV-1073,
Latvia