# LASER TAG EQUIPMENT

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PLAY IN REALT

### LASERWAR

### 2020

### LASER TAG EQUIPMENT LASERWAR

The history of the company creation began in 2006. The LASERWAR brand belongs to LASERTAG, LLC. Originally, the name LASERWAR was used by one of the first laser tag clubs in Russia, located in the city of Smolensk. In the course of the club's work, laser tag experience was accumulated, which was transformed into the development of a laser tag equipment platform. It was decided to open a new line of activity – the development and production of laser tag equipment. For our customers to distinguish our products from other manufacturers' equipment, in 2008 we started to produce our taggers and devices under the LASERWAR brand.

11 years have passed since then.

We have done a tremendous job and become the leaders of the Russian market of development and production of outdoor laser tag. Our products are sold in more than 78 foreign countries, and this figure is growing every day. Our game sets have evolved from the first generation with external batteries and wired connections to the tenth generation with high-speed electronic chips, the ability to read game statistics online, high-precision Parallax optics, an impressive palette of digital sounds, OLED displays and Feedback technology.

Hundreds of events and tournaments of various levels – from school to international championships – are held annually with LASERWAR equipment. The «May Maneuvers» laser tag festival has become a business card of our company and annually gathers hundreds of players.

Today more than 2500 legal entities and more than 5000 individuals worldwide work with LASERWAR equipment. Many of the rental clubs that started with LASERWAR have become large organizations with their own playgrounds.

Join the army of our customers! The high quality of our products at an affordable price is the key to your business success.









### HIGH PRODUCTION QUALITY

### IN-HOUSE ADVANCED DEVELOPMENT

### WORLDWIDE LEADER IN EQUIPMENT MANUFACTURING

### OVER 2,500 CLUBS AROUND THE WORLD

We pay special attention to the quality of our products and do everything to ensure that they meet the constantly – changing customers' requirements. Specialists of the development department are engaged in the invention of new technologies and solutions for laser tag. The diverse range of equipment is constantly updated. LASERTAG, LLC is one of the leading enterprises on development and production of game equipment for laser tag. Many of our technical solutions are becoming standards on the laser tag equipment market. LASERWAR is no longer just a trademark of the company, it is a whole army of like-minded people, clubs, using laser tag equipment of our production. Products of LASERTAG, LLC found buyers all over the world.

## **LASERWAR** series of equipment

When creating laser tag equipment, we use several types of bodies. Each type is indicated by a separate series, which marks a tagger depending on the body used for its manufacture.

#### **STEEL SEARIES**

Includes models of cast steel with polyamide plastic and wood elements. The strongest and most reliable body type. Models of this series are suitable for all types of rental clubs and can withstand the toughest conditions.

#### WEAPONS:

AK-74, AK-105, AKM LEGEND, CRS ROSSICH and others.

#### **ELITE SERIES**

These are models based on gas drives made of a metal alloy with elements of weapon plastic. The models are reliable and practical in rental, convenient for personal use.

#### **WEAPONS:**

Colt M4-A3 Centurion, AWP Special Force, ASR Masada and others.

#### **PRACTICAL SERIES**

This includes taggers based on pneumatic drives, made of impact-resistant gun plastic and metal. They combine the features of the strikeball and real weapon models, so perfectly suited for rental, laser tag competitions and scenario games.

#### WEAPONS:

MP-512 Sniper, MP-661 Drozd, Gratch and others.

#### **SPECIAL SERIES**

This includes unique bodies made of impact resistant ABS plastic. Numerous tests and game experiences of our clients confirm: the models can withstand very high impact and static loads and are close in durability to real weapons. At the same time, taggers made of ABS plastic are lightweight and do not lose the entourage of real weapons. Models with this type of the body are wildly used by the laser tag community. They are «must have» for rental clubs which have just opened the doors to the clients. The models are actively used at corporate events, sports competitions and children's events.

#### **WEAPONS:**

AK-12LT Predator, MP-9LT Phoenix, Hornet pistol and others.

#### **ORIGINAL SERIES**

Weapons made on the basis of strikeball drives. Most of the models in the series are made of metal or impact-resistant plastic. We recommend these taggers for personal use, as they require careful handling. In this series you can find original models for every taste: from brutal machine guns to lightweight and compact submachine guns.

#### WEAPONS:

Mk 43 TORNAD, ARP 9 Spark, ARP 556 Snowstorm and others.



### LASERWAR optics

### **Perfection** in unparalleled precision.

LASERWAR developed from scratch and launched two optical systems for laser tag. The Prism and Parallax absorbed the best technical solutions and design findings of our developers. The branded optical system has taken laser tag to a new level of accuracy and realism.

The Prism hybrid optical system appeared in 2015 and gained huge popularity on the global laser tag market. For a long time, it was considered a recognized standard in laser tag optics. The Prism focuses the IR beam 2-3 times stronger than alternative tube systems and allows you to hit the target at a distance of up to 600 meters. The average range of hitting the target with the Prism has been increased by 20%.

Battle tests has proven: In cloudy weather, the integrated optical system of the pistol without an external tube will hit the target at a distance of up to 60 meters. The pistol with an external tube looking like a silencer makes it possible to shoot at 250 meters. The maximum range of assault rifles optics is up to 390 meters. With sniper and machine gun tubes you can hit the enemy at a distance of up to 500 meters. With a heavy sniper rifle you can hit the target at a distance of 600 meters. In the bright sun that affects the headband sensors, the system automatically reduces the sensitivity of the sensors decreasing the range in half.

When designing the tubes, we paid a close attention to the silencers and barrel attachments of different weapons from many countries. As a result, the weapon with LASERWAR tubes has a corporate style and is absolutely authentic.

**Parallax** 

The Parallax optical system was the next, truly revolutionary step in the development of the laser tags industry. We took the appearance of flame arresters as a basis. Our company developed compact and realistic tubes made of gun plastic, capable of withstanding severe -combat conditions. The new optics outperformed the Prism in all respects. Tests determined that the range was increased by 62%, accuracy– 3.2 times, while the tube itself was decreased by three times. We eliminated ricochets to make the game more comfortable experience. Two years of painstaking work gave laser tag fans a perfect product in terms of the form and technical characteristics.

What unites systems of different generations– Prism and Parallax? Absolute safety, confirmed by expert assessment. After numerous tests and trials, the LASERWAR optical system was assigned Safety Class 1, i.e. it is completely eye friendly in all operating conditions. This is also evidenced by the GOSTR certificate for light and biological safety.

LASERWAR optics- high technology in laser tag.



## High production quality

We play laser tag every day, hold events and organize tournaments. In addition, we listen to players' feedback regarding any model. With the help of rich experience, we created taggers, which design and internal structure were designed specifically for laser tag battles. Press forms, investments, years of non-stop work of the 3D printer, piles of prototypes and changes, work of engineers, designers and testers. All these are unique LASERWAR game models. This section presents three models created by LASERWAR from scratch – AK-12LT Predator, MP9-LT Phoenix and Hornet laser tag pistol. These game models are the basis of all rental clubs.

### Our pride

The second game model is MP9-LT Phoenix. And it's not just a tagger. The weapon embodies set solutions that take into account the specifics of laser tag games: These solutions include the buttstock design, pistol and tactical grip shape, Picatinny rails, false muzzle, OLED display. The tagger is light and comfortable and can be used by very young players. With a weight of just 789 grams during the crash test, the Phoenix withstood a fall from the 9th floor, hits against the wall and was run over by a 29-ton truck. Even after such tests, it remained in working condition and was called the most durable game set.

### Universal weapon

We tried to create a universal assault rifle with a reliable body. And we have achieved great results: the Predator is famous among adults and children, its length is optimal, and sighting equipment is comfortable. The range of fire is 250 meters. The massive buttstock with a shoulder piece provides comfort, while the Picatinni rails can be used for additional equipment. In addition, the tagger boasts a loud sound and an OLED display that shows the player's health and the amount of ammo.

### Novelty product

The Hornet laser tag pistol, which absorbed the latest technical solutions of our designers became one of our recent full-cycle development projects. This model was developed as a close combat weapon for assaulters or snipers. The comfortable and durability body of the weapon will easily withstand harsh rental conditions. This is the only gun weapon with integrated Parallax optics that can be equipped with the tenth generation of X-Gen electronics.



# **AK 12 LT PREDATOR**



This model, developed by LASERWAR from the body to electronics, has become one of the most popular weapons in rental. The lightweight impact-resistant plastic body and great range make it equally comfortable for adults and children. The weapon fits comfortably in your hands. Use the button to reload the model and the anti-vandal lock to turn it on. The game set is powered by a lithium battery.

**SPECIAL** 





# **AK-15 WARRIOR**



This model is a continuation of the AK-12LT PREDATOR but on a new technological level. The revolutionary optical system Parallax has increased the range by 70%, tripling the accuracy. The Hall sensor trigger will withstand millions of clicks. Bolt reloading makes fights more realistic. An additional lithium battery doubles the game duration.





# **AK-12LT SPORT**



The model is developed on the basis of the AK-12LT PREDATOR specially created for sports laser tag. The lightweight impact-resistant plastic body and protective rubber protectors will ensure the safety of the competition. And the trigger mechanism with the Hall sensor will prolong the operating life. The weapon fits comfortably in your hands. Use the button to reload the model and the anti-vandal lock to turn it on. The game set is powered by a lithium battery





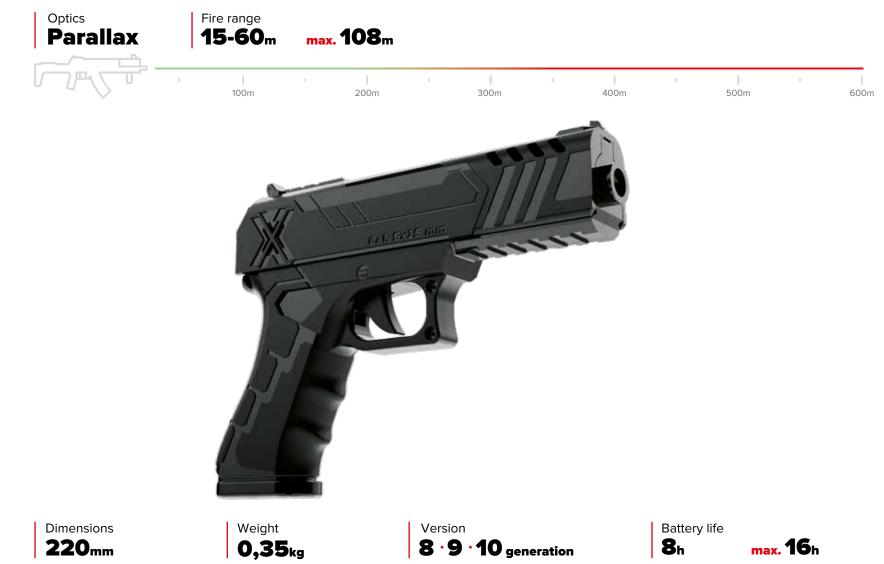
# **MP-9LT PHOENIX**











This pistol was named after an impressive and dangerous insect with good reason. Hornet is a compact but powerful and precise laser tag weapon. It is the only game set in the LASERWAR range of equipment equipped with the Parallax optics. The owner of such a device is able to hit targets at a distance of up to 100 meters.





## **AR-15 RANGER**



The American AR-15 rifle logically complements the line of unique models which use bodies made by LASERWAR. The weapon has a durable and reliable body, Parallax optical system with a range of up to 300 m, trigger with a Hall sensor, bolt reloading, unsurpassed LASERWAR quality. This model will be another hit for rental clubs.





# **MR-514 TERMINATOR**



The MP-514 Classic game set for laser tag, made on the basis of the same name pneumatic rifle manufactured by the Izhevsk Machine building Plan plant, has long been the best-selling laser tag system in Russia. The laser tag body of the MP-514 «Classic» was in operation for many years. So far, we have very few negative comments from the clients.





High production quality

### **First-class optics**

3In this section you will find sniper rifles that are ideal for laser tag fights. Sniper work– the ability to camouflage, calculate the location of the target and press the trigger while maintaining calm. A good sniper alone can take down an entire group of players. That's why there are special -requirements to equipment. If you are not afraid of cold-blooded fights and powerful single shots, LASERWAR sniper rifles are at your service. The optical system– a «must have» element of any game set– deserves a special attention. With the built-in LASERWAR optical system you can hit the target at a distance of up to 500 meters. Such indicators are unattainable for paintball and strikeball, so the sniper in laser tag is a unit that can solve the outcome of the battle. Special sights are required when working with such distances. The LASERWAR range of weapons includes sights of different types: optics with a magnifying -option, with a mini collimator, with different lens diameters. The models retain movable flywheels, the illumination of the rangefinder and a drum with degrees of brightness.

### **Technical characteristics**

LASERWAR lithium batteries will not let the player down in a prolonged battle: Rifles have 30 hours of non-stop operation time. The appearance of the game sets is above any praise: buttstocks with cheek rests, bolt reloading and branded tubes imitating a sniper rifle silencer. Authenticity in each detail of the game equipment, full internal integration of electronics are famous features of LASERWAR equipment.



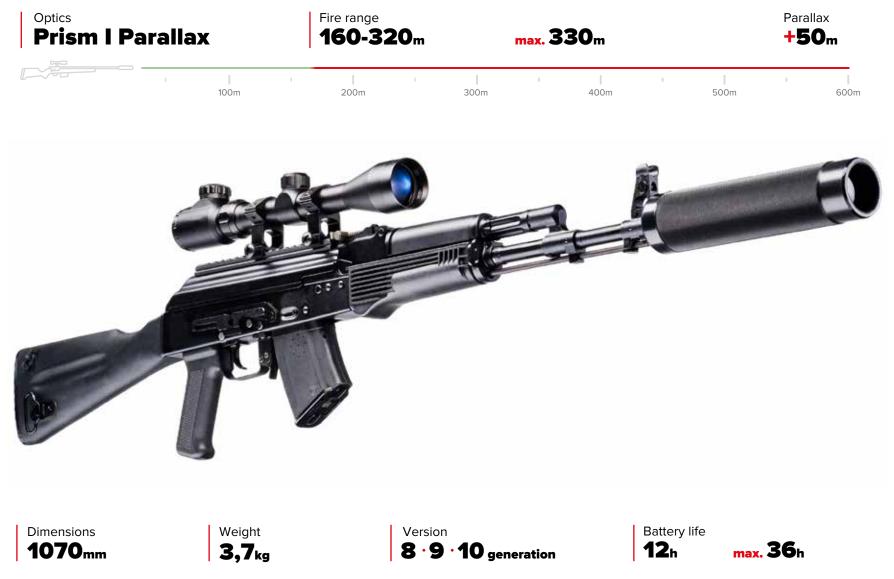
# **MR-512 SNIPER**





It is based on the same name air rifle. The game set has a bed made of plastic with rubberized inserts and a shoulder rest. At the top of the receiver there is a guide of the «dovetail» type (width of 11 mm) for mounting the optic sight.

# **SVK ROSSICH**



The sniper rifle is based on the Kalashnikov assault rifle. All electronics is integrated in the body by means of a cast buttstock. A special shortened magazine is used to make the model more attractive. Use the bolt to reload the weapon. The power supply is provided by a lithium battery.

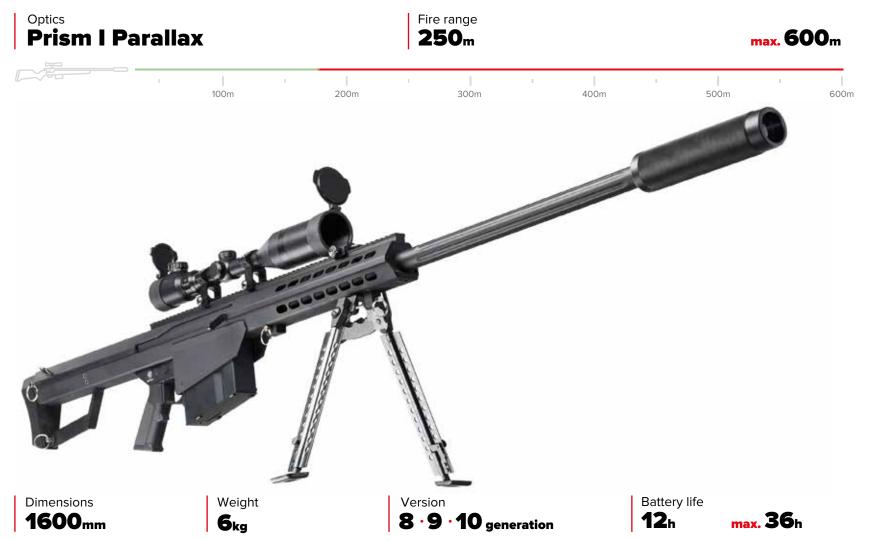


## **MP-514 CLASSIC**



The MP-514 Classic game set for laser tag, made on the basis of the same name pneumatic rifle manufactured by the Izhevsk Machine building Plan plant, has long been the best-selling laser tag system in Russia. The model was used as a body for laser tag weapons and was in operation for many years. So far, we have very few negative comments from the clients.

# M82-A1 BARRET



Back in 1982 Ronnie Barrett designed and created a rifle, which struck his contemporaries with its destructive power. Unlike other sniper rifles, it was used for special military tactical tasks. And now and laser tag enthusiasts have the opportunity to feel like soldiers SWAT teams. The highquality Barrett steel body, not inferior in reliability to the real models, and a high fire range will allow you to plunge into the game headfirst. The game has a set of folding bipods for aimed fire and a carrying handle. **ORIGINAL** BODY SERIES



## **SVD TITAN**







DimensionsWeightVersion1380mm4,1kg8 · 9 · 10 generation



The game set is assembled on the basis of an SVD replica, manufactured under the license of the «lzhmash» factory. The dimensions of the parts are identical to the original ones. It's almost impossible to distinguish this model from the real one. Lovers of sniper rifles will appreciate the high-quality metal body with inserts of high-impact ABS plastic and buttstock with an adjustable stop for a convenient cheek rest. Ergonomics and increased reliability— these are the distinctive features of this tagger.





# **SVD-S HUNTER**





The game set is assembled on the basis of an SVD-S replica, manufactured under the license of the «Izhmash» factory. The dimensions of the parts are identical to the original ones. It's almost impossible to distinguish this model from the real one. Lovers of sniper rifles will appreciate the high-quality metal body with inserts of high-impact ABS plastic and collapsible buttstock with an adjustable stop for a convenient cheek rest. Ergonomics and increased reliability– these are the distinctive features of this tagger.





# M14 DELTA FORCE



This sniper rifle is assembled on the basis of the G&G airsoft body. Materials of manufacture: impact resistant plastic and lightweight alloy with steel elements. The quality of production is so high that we managed to keep functionality of all control elements which is usually an exception for airsoft bodies.

**BODY SERIES** 

# **EDELWEISS**



The Edelweiss military sniper complex is made on the basis of a strikeball body. The model is almost entirely made of metal, except for the plastic elements on the foregrip and the rubberized butt plate. The dimensions of the rifle are as close as possible to the original ones, and all electronics is compactly placed inside. The optical system is integrated into the original silencer to maintain authentic appearance.



### **VSS VINTOREZ ALPHA**



The main innovation– the body. Now he is all steel. Even the suppressor, which houses the optical system and the receiver is made of steel (previous models could not boast of it). As a result, the weight of the weapon has grown to become identical to the real figure– 2.6 kg. But the reliability of the game set has also been increased. The model is recommended for rental.





## MAUSER



Based on an airsoft model. The body is made of metal and impact-resistant plastic with an adjustable cheek rest on the buttstock. The rail on the receiver allows you to install optical sights (via adapter) or optics with a laser designator. Use the bolt to reload the weapon. The device uses a lithium accumulator.





#### **REMINGTON 700 GURZA**



The game set is based on the popular Remington 700 rifle manufactured by Remington company, USA, which has been in production since 1962. Made on the basis of strikeball model, this rifle combines pleasant lightness and sufficient realism. The game set has an impact-resistant ABS-plate stock, barrel and aluminium alloy barrel- not only men can handle this rifle.

At the same time, despite the lightness, the model looks quite reliable and does not feel like a toy in the hands.

## **MAUSER PRO**





The rifle is based on the Mauser SR PRO TACTICAL airsoft model. The model looks pretty realistic and has a large number of settings. The barrel, bolt, bipods and buttstock sliding mechanism are made of metal, the buttstock parts are made of plastic. The model is equipped with a collapsible buttstock with an aluminium flywheel and locking ring, as well as a height-adjustable cheek pad. Use the bolt to reload the weapon. Recommended for personal use.



#### Versatility of use

Automatic rifles and assault rifles play the main roles in laser tag games. No matter whether you have such events as the international «May Maneuvers» laser tag festival or numerous regional laser tag tournaments, you will definitely meet a fighter with playing with AKS-74U or M4-A1, ARP 556 Snowstorm or M4 Cobra. Among the models from this category there are former strikeball models, replica models with integrated electronics. The popularity of the models is justified by the appearance, the characteristics resemble those of original weapons. Holding the weapon in your hands makes you feel as if you were holding a real gun.

#### Popularity among the players

Below in the catalog there are the most popular models, which are admired by players from different countries and cities. Everyone will find a set to their liking: small submachine guns with -folding buttstocks; authentic rifles that can be confused with real combat ones; weapones used by special forces.

#### Outstanding technical characteristics

The brutal design is not the only destinction of the game sets. The LASERWAR electronics ensures an optimal fire range of up to 200 meters. The -lithium batteries guarantee 30 hours of battery life. Add to that a realistic bolt reloading, the ability to install collimator sights, flashlights, tactical handles and you will get a reliable -comrade, who will cause much trouble to the enemy.



#### **AKM LEGEND**



Designed and adopted in 1959. To this day, the armed forces of more than 60 countries in the world use various modifications of the weapon. The AKM LEGEND of the STEEL series is made based on a real compat prototype. The body is made of gun metal, foregrip and buttstock–wood, pistol grip and the magazine– from plastic of wooden colour.





# **AK-74M GOLDEN EAGLE**



AK-74M is based on a real weapon. When integrating electronics, our engineers managed to preserve the functional elements: Use the safety catch to turn on the weapon and the bolt to reload it. The weapon is equipped with a folding buttstock. The reliability and durability of the tagger makes it a great device for rental clubs.



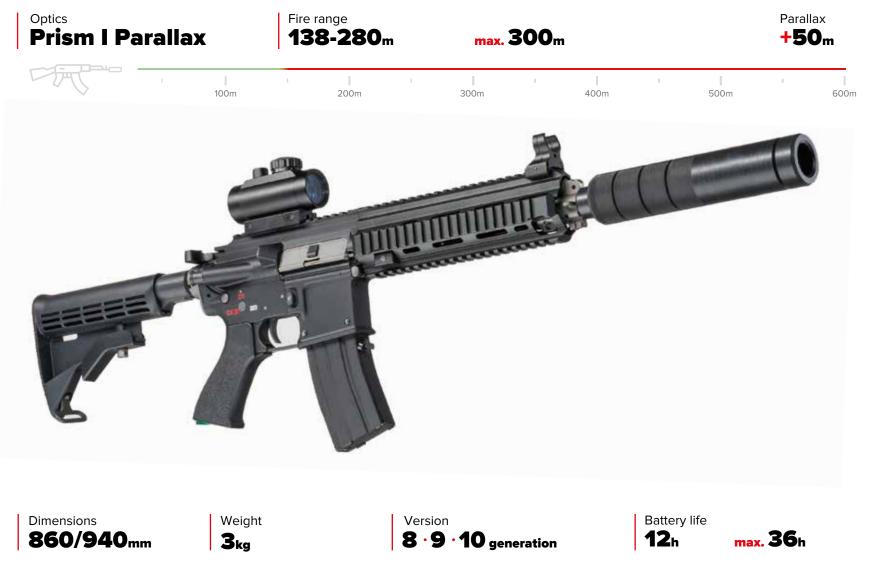


#### **AK-PG CASCADE**



AK-PG CASCADE is made on the basis of a real AK-103 produced by the Izhevsk Machinebuilding Plant, which is a guarantee of unsurpassed quality and reliability. The electronics based on a single board allow two optical systems to be used simultaneously. The model is equipped with an underbarrel grenade launcher, which is fired using the trigger like in a real model. This game set has a recoil imitation function— a delay after which the player cannot shoot. Use the bolt to reload the weapon. Due to its technical characteristics and non-standard equipment the model is particularly effective indoors.

### **HK-416 BERGMAN**



The original Heckler & Koch 416 assault rifle was developed in 2004 as an alternative to the American M-4 and M-16. It's based on a gaspowered model. The body is metal with elements of impact-resistant plastic. The weapon has full integration of electronics and batteries into the model, the absolute absence of backlash as a result of assembly.





#### **COLT M4-A3 CENTURION**

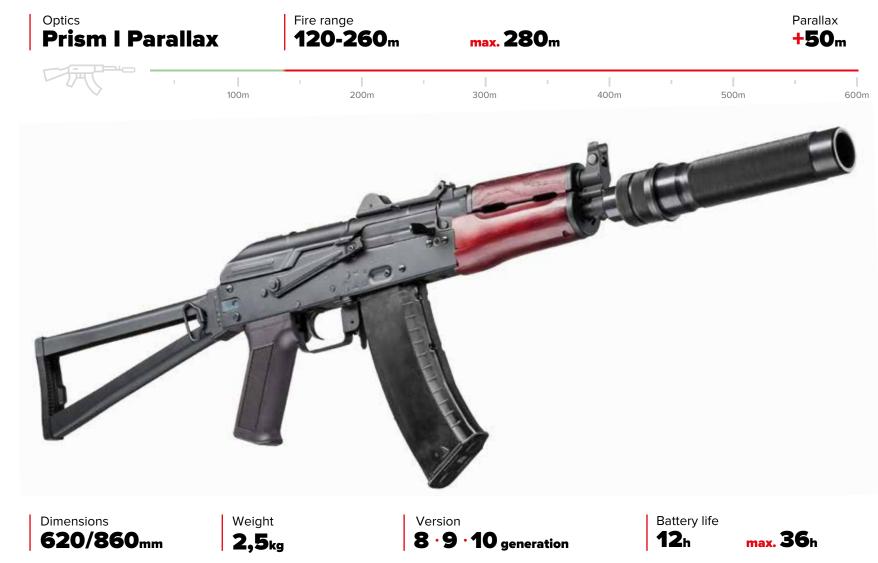


The body is made of metal with elements of weapon plastic. Use the bolt to reload the model. The game set has a branded optical system looking like in the real weapon. Picatinny rails allow the use of collimator sights.



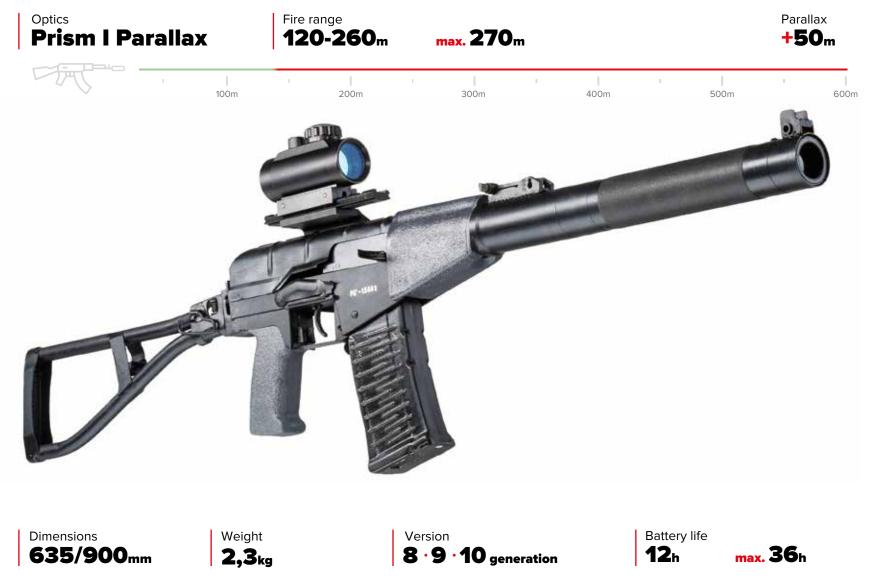


### **AKS-74U FALCON**



AKS-74U Falcon is based on the CYMA airsoft weapon. The design represents an all-metal body, a magazine, a folding buttstock and a wooden foregrip- as in a real combat weapon. Use the key in the anti-vandal lock to turn on the game set. We recommend this lightweight, reliable and spectacular model for rental clubs.

## **AS VAL SHADOW**



The third generation of the AS VAL game set. The model is designed specifically for laser tag. The pistol grip and foregrip are made of impact-resistant plastic, the body is made of metal.

**PRACTICAL** BODY SERIES



#### **HK-G36-CV BUNDESWEHR**



The game set is based on the UMAREX airsoft weapon. The body is made of impact-resistant plastic. NK G36CV will be appreciated by those who love individuality– four weaver rails and a unique collapsible buttstock create unlimited opportunities for tuning.

BODY SERIES





### SCAR MARKSMAN



The main body material– metal. The pistol grip, magazine, buttstock and the lower part of the receiver are plastic. The weight of the game set is 3.3 kg (200 grams more than SCAR RANGER, but metal is a more durable option). Four Picatinny rails allow you to install different accessories (sights, tactical grip, flashlight). A folding buttstock. The length of the model ranges from 69 cm to 90 cm.

BODY SERIES





#### **AK-BM HAMMER**



The weapon is vased on a real AK-105. The game set is equipped with a tube of high-quality polymer material, which is an exact copy of PBS-1 for the Kalashnikov series. The tube has good insulating properties and is lightweight to achieve perfect balance of the weapon. Instead of a standard magazine, the game set is equipped with a metal drum in which the speaker is located. Design features and good acoustic properties of the drum guarantee a loud and rich sound. Use the bolt to reload the weapon.





### M16-A1 SAIGON



The M-16 is one of the most famous assault rifles in the world. Only the Kalashnikov assault rifle is can be called its competitor. The debate about which design is more efficient has not stopped until now. The M-16 rifle is the main weapon of the heroes of numerous Hollywood movies, who have been tirelessly saving the world for decades.

### **9A-91 BULAT**

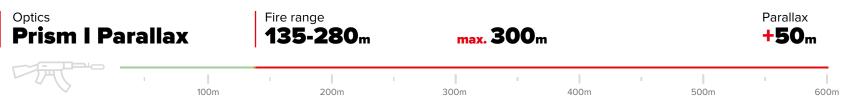


The body is made of steel, the pistol grip and foregrip cover are made of plastic. Like other models designed specifically for the integration of laser tag electronics, the 9A-91 game set is characterized by the following features: a more mechanically resistant coating– phosphate lacquer; high quality welding seams; the foregrip and pistol grisp are made of ergonomic impact-resistant plastic; the body metal thickness is increased in comparison with previous models; a special bolt design and trigger mechanism (an increased free movement and bolt rigidity; a smooth trigger).

**PRACTICAL** BODY SERIES



## **M4 COBRA**





The weapon is based on a strikeball rifle. The collapsible buttstock and a futuristic but very functional barrel casing, which replaced the usual plastic foregrip, made the carbine look like in some American fantasy films.

BODY SERIES





### **BERETTA ARX-160**



An Italian automatic rifle, created under the «Soldier of the future» program (It. Soldato Futuro). The concept of the project is to increase the productivity and efficiency of a single soldier involved in the fighting on the basis of the technological advances of the XXI century. Almost all of the equipment in this program includes the integration of soldiers in the digital battle management system.



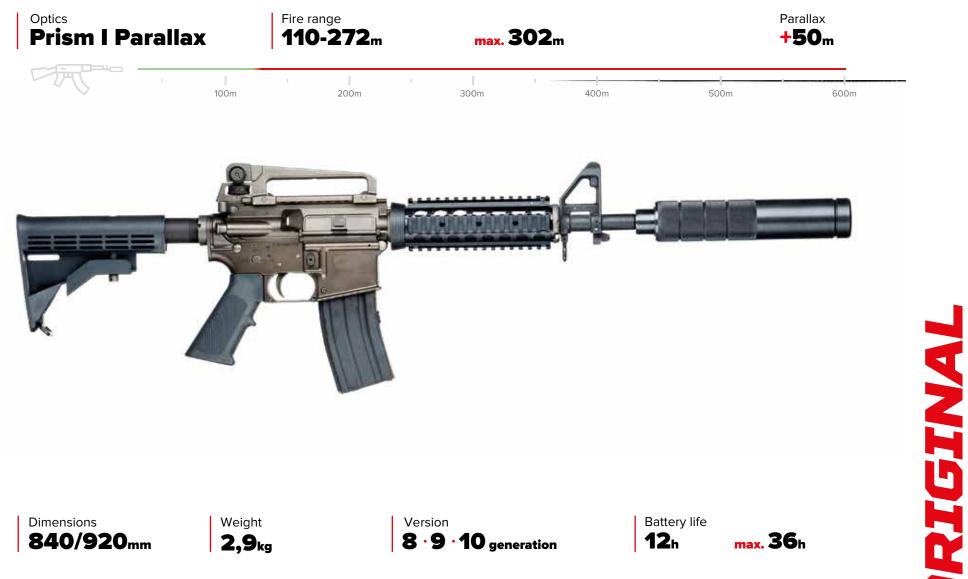


# **APR 556 SNOWSTORM**



An assault rifle with a 5.56mm cartridge in the standard magazine for M-series. The tagger is equipped with a collapsible buttstock and a comfortable pistol grip. The backsight and foresight are removable. The fire mode switch, which turns the game set on, is bi-directional. The speaker and electronics are integrated into the magazine, specially designed by LASERWAR engineers to integrate the M-series rifles. Moulded on specially made press die from shock-resistant gun plastic, the magazine has internal structural elements for fastening electronic components. That means that the electronics are securely fixed in place and can safely survive any shocks and damage.

## COLT M4-A1 SKAT

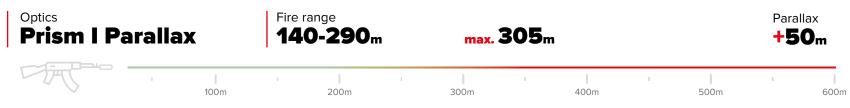


The specialists of LASERWAR company are not only engaged in the development and production of new models of laser tag weapons, but also involved in the modernization of game sets that survived the rental hell. Colt M4-A1 SKAT, ORIGINAL series is the result of their work.

**BODY SERIES** 



## **AKM PROROK**





The Magpul company blew away Kalashnikov fans by a customization equipment set with the inspiring name ZHUKOV. We are delighted to present a tagger that is based on an airsoft replica of the AKM with Magpul accessories. The tagger body is made from steel and aluminium alloys, which means that it is extra durable. Due to the fact that the accessories are made of thermoplastic polymer, the tagger is lightweight.





#### «ACR MASADA»



The rifle is based on an airsoft model. The foregrip, buttstock and pistol grip are made of impact-resistant plastic, and the receiver is made of aluminium alloy. All electronics are integrated into the model. The rifle is turned on by moving the safety catch to the fire position, use the bolt to reload the weapon. The sights (front sight and rear sight) are easily adjusted. Fold them if necessary.

## АК-12 «ИРБИС»





The model, which has become the hallmark of LASERWAR (one of the most popular AK-12LT PREDATOR taggers) is implemented in its combat prototype.





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#### **Power and strength**

You can find the most brutal weapons in this section. If you choose the role of a machine gunner, be prepared for close attention from opponents. If you use a powerful machine gun, you can cover your teammates, suppress the enemy's fire and keep your opponent under constant pressure.

#### **Imitation of real weapon**

All parts of game sets look very authentic: you can fold the bipod, change the position of carrying handles. Some models use authentic drum-type magazines. Fighters will appreciate that.

#### **Unique sensations**

The feeling of playing with a machine gun is unmatched. The reason is your physical sensations and the increased range of fire. Thanks to the use of LASERWAR branded optical tubes, the optimal fire range reaches 300 meters. The lithium battery will provide 30 hours of uninterrupted operation.

#### **Choice of real fighters**

A good gunner should be physically tough, because the game sets are quite heavy. But if you want to spread horror on the battlefield, notifying the players with a rattle of shots, then LASERWAR machine guns are your choice.



## PKM-D TYPHOON



The PK machine gun has long been the standard of firepower and speed of fire, combining huge ammo and incredible mobility. And now this weapon is available to laser tag players! The weapon is based on an airsoft model. The game set has a bipod and open sight.





## **RPK-S ARMADA**



Based on a model from Izhevsk Machinebuilding Plant. The reliable body is made of steel with polyamide inserts. The game set is equipped with a V-shaped rail to install a sight. The steel bipods can be folded easily, they are very comfortable.





## FN MINIMI «ESKADRON»



The light automatic gun was developed be FN HERSTAL, Belgium and entered the serial production in the early 1980s. The game set has a bipod you can fold, and an open sight. The body is made of metal with aluminium inserts, the foregrip– ABS plastic, the barrel– light alloy. Not recommended for rental clubs.

## **RPK-74M HAIL**

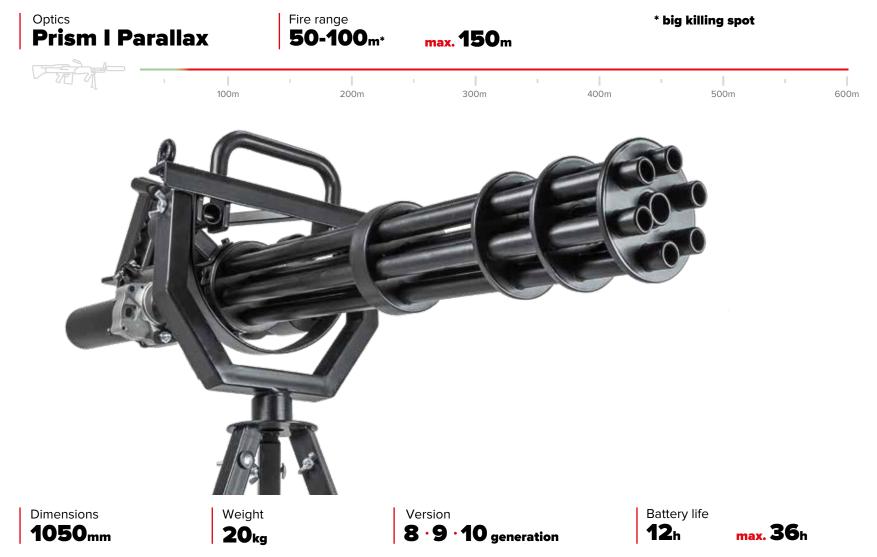


Based on a model from Izhevsk Machinebuilding Plant. The reliable body is made of steel with polyamide inserts. The game set is equipped with a V-shaped rail to install a sight. The steel bipods can be folded easily, they are very comfortable.





# MINIGUN-134



The Minigun M134 machine gun, which was introduced to the U.S. Army in 1960, is still a very effective fire support weapon which is installed on helicopters. The high rate of fire, achieved by using a 7.62 mm rotating barrel assembly, provides the weapon with a fire density of up to 6,000 rounds per minute. The use of the Gatling circuit avoids overheating of the barrels and increases the reload speed at high firing rates.

**DRIGINAL** 

# **DP DEGTYAREV**



During the Second World War the popularity of the Degtyarev machine gun was inferior only to the PPSh-41 and Mosin rifle. And it can be explained by excellent tactical and technical characteristics. Now the legendary replica has received a second birth and is ready to please the players in big laser tag fights.





Versatility and small size

Submachine guns occupy a special place in the world of laser tag. Many people call them «universal» weapons. The weapons are very small; these are children friendly devices. Adults will also like them. If mobility is your choice on the battlefield, if you want to change your position quickly, to quickly switch between targets, then any of the submachine guns must be in your arsenal.

#### Reliable base

The models presented in this section are based on airsoft weapons. Most of them are equipped with Picatinny rails to install collimator sights, tactical grips and flashlights.

#### Our pride

Convert the game set into a dangerous weapon by installing additional equipment. The game sets are very powerful at medium distances: with the help of a small diameter lens, the optimum range of shooting is 200 meters. But at short distances, submachine guns are a formidable weapon in the hands of a skilled player. Indoors, low weight and rapid fire will not leave a single chance to the enemy. The lithium batteries guarantee 30 hours of battery life.



# **KRISS VECTOR**



The weapon is based on a model made in Taiwan. The main body materials are metal and gun plastic. The length of the device varies, thanks to the collapsible buttstock. All the electronics is inside the frame. Everything works fine. The device has a safety catch and a fire mode switch. The fire mode breaker activates/deactivates the weapon, the safety catch has retained its original purpose. The tagger is equipped with three Picatinny rails: the standard backsight and foresight equipment is installed on the top rail by default and can be removed if necessary, while the tactical grip is mounted on the bottom rail (included in the set). Use the bolt to reload the weapon.









The weapon is based on an airsoft model made from metal and impact-resistant plastic (pistol grip, magazine). This model took the best features from the original model: use the bolt to reload the weapon; the safety catch permorms usual functions and serves as a mechanism for switching on the game set.

# **MR-661 DROZD**



The model is based on the MP-661K pneumatics of the Izhevsk Machinebuilding Plant. Made of impact-resistant plastic. Additional telescopic or collimator sights are not required for the MP-661. The model has a sight rail and can be significantly shortened and lightened by a detachable buttstock. Use the button to reload the weapon. The small size of the weapon makes it a good choice for woman and kids. Recommended for rental.





## **MR-661 GRIFFIN**



The game set is made on the basis of the MP-661K air pistol. The model is equipped with a Weaver rail for a collimator sight. The standard sighting equipment is also available.

### **UZI STING**



The game set is based on a gas pneumatic Gletcher UZM pistol. The weapon has a collapsible buttstock. The replica is qualitatively better than analogues and as much as possible is similar to the original weapon. The body is made of metal, except for the foregrip and the handle– they are made of impact-resistant plastic which is pleasant to the touch. The charger connector is invisible and does not affect the authenticity of the tagger. The model is activated by pressing the fire mode switch located on the pistol grip. Use the bolt to reload the weapon.

**PRACTICAL** BODY SERIES



### P-90 KAYMAN



The P90 game set is based on an airsoft weapon from Classic Army. The main advantages of this model are relatively small dimensions and weight. The body is made of shock-resistant ABS plastic. Thanks to the bullpup system, our specialists managed to achieve a full integration of laser tag electronics.





## **AAPR 9 SPARK**



This model will surely appeal to players who prefer to have battles in confined spaces. It is a small laser tag submachine gun based on G&G's ARP 9 strikeball model. The weapon is based on the AR-15 model. An extended magazine for 9mm pistol cartridge was added. The game et has a short barrel with a M-LOCK foregrip and sliding buttstock. The designers made a small and convenient model— a perfect close combat weapon. The model does not have any prototypes in the world, but at the same time has a right to exist, because the weapon based on the AR-15 platform with a 9 mm cartridge is quite popular.





## **MP-5 WOLF**



Undoubtedly, the old-style MR-5 game set was good. We took the best from it and created an absolutely new game set– MR-5 WOLF, ORIGINAL series. The weapon is made of ABS plastic and is based on a high-quality airsoft model.

BODY SERIES ORIGINAL

# GUARDIAN



The weapon is based on the MR-651 pneumatic model. The frame is made of polymer plastic. The trigger system has been modified. Now it is even more reliable. The magazine has a nylon cap to protect the weapon from damage. Inside the magazine there is a dynamic that produces a loud sound.

**PRACTICAL** BODY SERIES



#### **Power and strength**

Laser tag pistols are weapons that will preserve the player's life in critical situations. If you are out of ammo or you are entering the building, where you need to be quiet and fast and you want to save your primary rifle ammo, then LASERWAR pistols are all that you need.

#### **Perfect second weapon**

The game sets are most commonly used by players as a second weapon. Thanks the compact dimensions, the pistol is easy for a fighter to carry and is always within easy reach.

#### **Great performance characteristics**

The game models are based on real combat prototypes. When you hold the weapon in your hands, it feels like a real one. Pistols with external tubes can hit the target at a distance of 80 meters. For pistols without the tube the number is 40 meters. The taggers of these category use lithium batteries. They guarantee 10 hours of uninterrupted work. The mechanics of moving parts of guns have been preserved: use the bolt or trigger (operates smoothly) to reload the weapon.

#### **Approved** by the players

The models have undergone multiple tests by the players in forts, abandoned buildings, field conditions. None of the models presented will let the player down in a difficult moment. After all, quality and reliability are above all.







The quintessence of long-term efforts of our engineers was the Hitman game set. Based on the Yarygin pistol, the game set will be the first laser tag pistol with full internal integration, designed not only for personal use, but also recommended for rental clubs.

## **DESERT EAGLE**

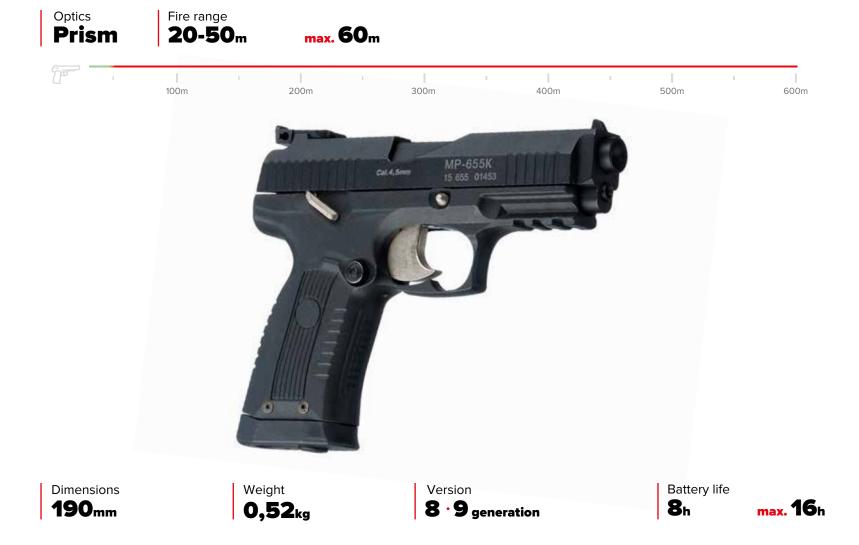


Desert Eagle– the famous weapon that you have probably seen in movies, computer games, TV productions. You mught have seen this weapon in such movies as Snatch, Predator and other movies starring Arnold Schwarzenegger. Thanks to the small dimensions, the players will be able to fire a gun, holding it with one hand, making the Desert Eagle an ideal option as an additional weapon for a sniper or assaulter.

**ORIGINAL** BODY SERIES



#### GRATCH

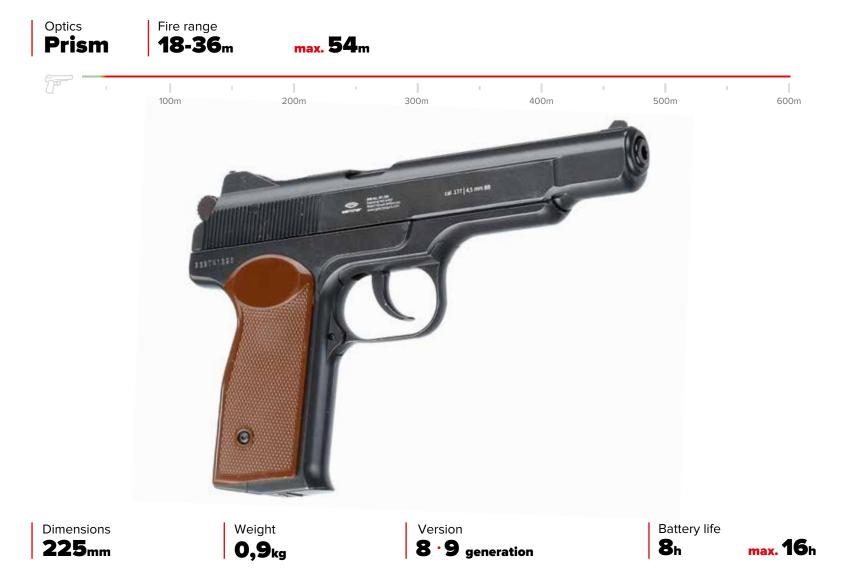


The first LASERWAR laser tag pistol with full internal integration (including the built-in optical system), designed for both rental and personal use. The only difference from the original Yarygin pistol is the presence of a Picatinny rail at the bottom of the receiver, which you can use to install a tactical flashlight or laser pointer. The body is made of metal (bolt) and impact-resistant plastic. Ust the trigger located at the real of the bolt to reload the model. The game set proved itself well in rental conditions.









The main feature of this tagger is the lack of a traditional polyamide tube. The APB has a special optical system like in the GRATCH. It provides an optimum range of 50 meters. Another significant advantage of the game set– it has small dimensions.

# **APB STECHKIN**

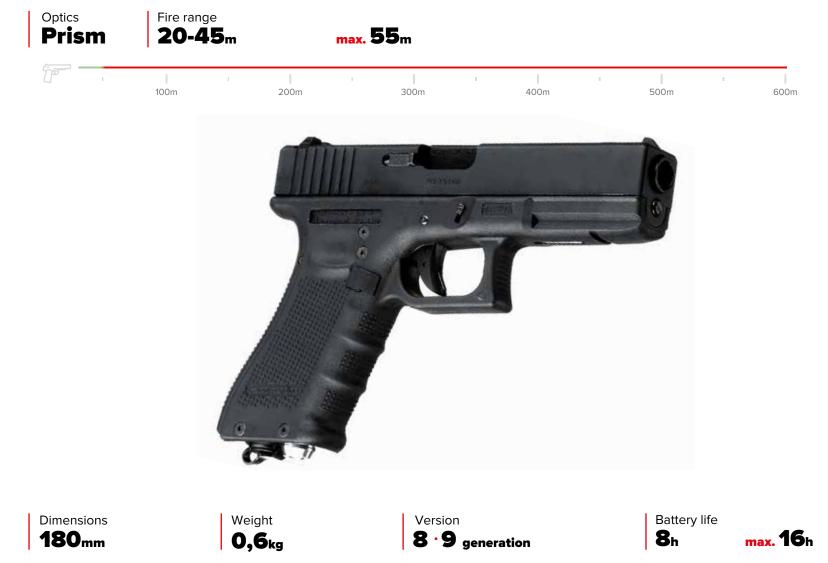


The Stechkin automatic pistol– undoubtedly one of the best examples of domestic production. Despite the fact that the APB was discontinued after only five years after the start of serial production, SWAT units, special forces, riot police are still using it in combat missions. We, in turn, have breathed new life into the legendary weapon.



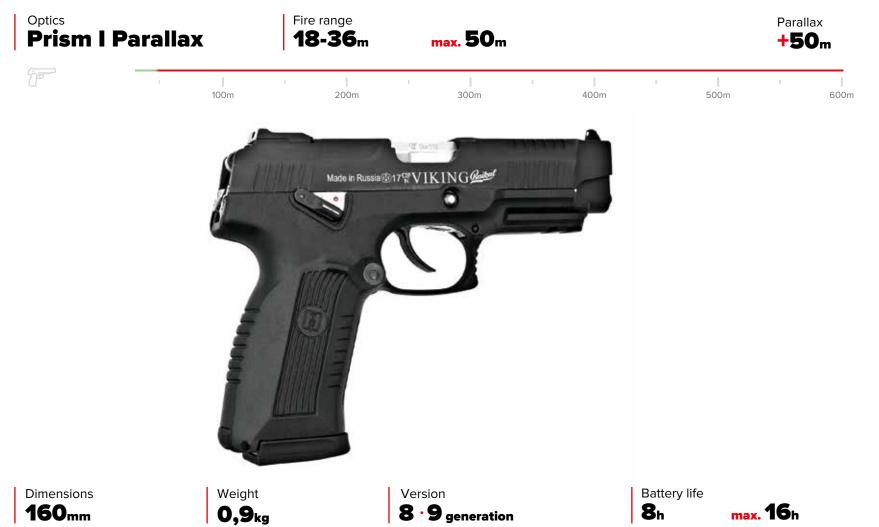






The model is based on a pistol developed by Glock for the needs of the Austrian army. The body of the game set resembles that of airsoft models. There is also no trigger. The body is made of a metal alloy using aluminium. That makes the GLOCK a lightweight and extremely durable weapon.

### VIKING P-446



The VIKING was developed in the late nineties of the twentieth century at the lzhevsk Mechanical Plant. The model is based on the Yarygin pistol. In 2003 it was put into service by the Russian Armed Forces and Interior Ministry. The real sample was created as a sports weapon and export product. The VIKING game set, STEEL series is made based on the real model. From the original model the MR-446 differs mainly in frame material (polymer instead of steel), sighting equipment, and the shape of some parts.



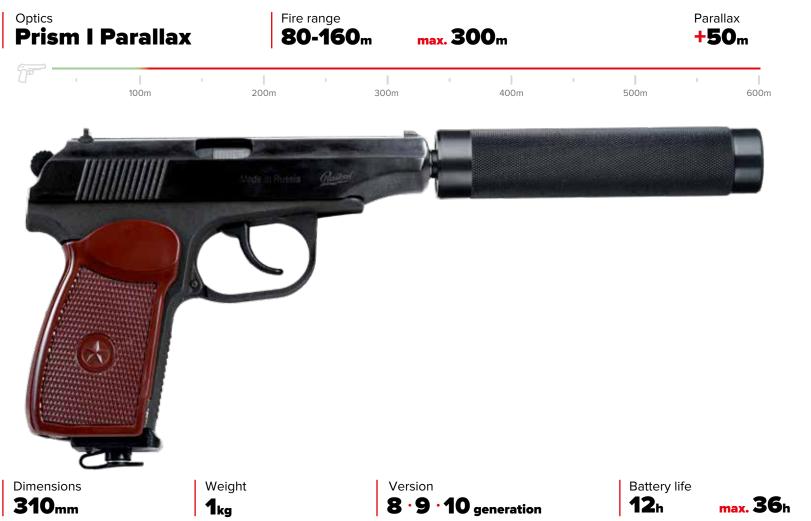






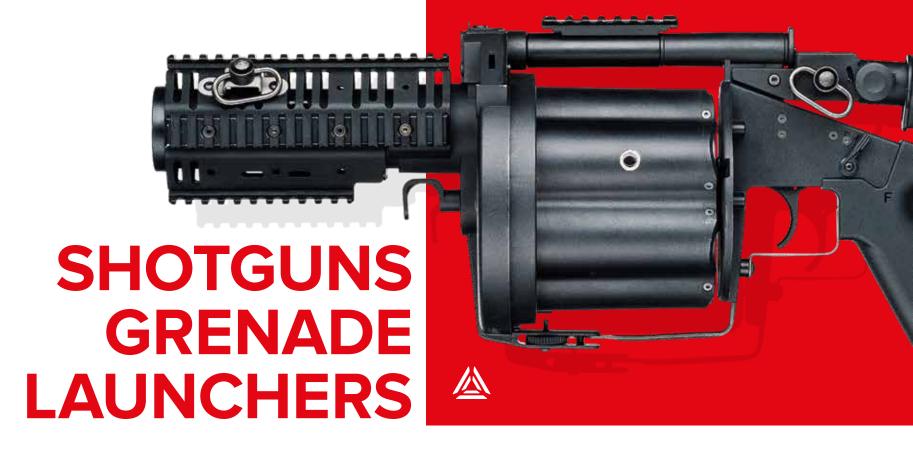
A laser tag replica of one of the most popular weapons in the world– the Makarov pistol. The appearance, mechanical strength, reliability of construction, easy handling, quality of manufacturing and assembly of all parts are identical to the original weapon. The model has effective sighting due to the presence of open and unregulated foresight and backsight. The grip is fluted and has a large notch. All this allows the gun to lie comfortably in your hand. The weapon is equipped with a return spring, when recharging the players will not have to put the bolt carrier to the starting position. The trigger mechanism with a open trigger allows for comfortable shooting. Use the pistol slide to turn on the weapon.

# **PM PATRIOT**



The Makarov pistol with an optical tube will become a reliable option and a good alternative to The Stechkin and Hitman. The appearance, mechanical strength, structural reliability, ease of use, quality of manufacture and assembly of all parts are identical to the original gun. The pistol tube is used as an optical system. It provides comfortable shooting at a distance of 100 meters in the sun, 250 meters in the shade. Use the pistol slide and trigger to reload the weapon. The mechanical lever type fuse locks the pistol slide. Turn the model on by pressing the button at the base of the handle.





Authentic grenade launchers

Laser tag grenade launchers are not only similar to combat prototypes in appearance. The p-eculiarity of the grenade launcher is that it does not hit the target instantly. The imitation of ballistics makes hitting the target a difficult task: The IR pulse is triggered a second after the shot button is pressed, which adds realism to the game. Add to that a two hundred meter range of fire, difficult aiming, a loud sound and you will get unique game sets that will be remembered for their power and ease of use.

#### **Powerful and precise shotguns**

Shotguns work perfectly withing shouting distance and indoors. Thanks to the «scattering» of the shot, the owner of the shotgun can easily hit several opponents with a single press of the trigger. One of the key features — an ergonimic pistol grip and a foregrip. Thanks to the fluted grips, the player's hands and wrists will not get tired even during a long game. The lithium batteries guarantee uninterrupted work within 30 hours. The weapons are equipped with Picatinny rails for additional equipment.

#### **Power and strength**

Grenade launchers and shotguns are popular options for big scenario games and are famous among fans of spectacular game decisions. With those models, the car will turn into an additional game element, and you can safely break into the crowd of opponents, smashing them in all directions. If you're a fan of brutal guns then these devices are your choice.



# **RPG-22L THUNDER**



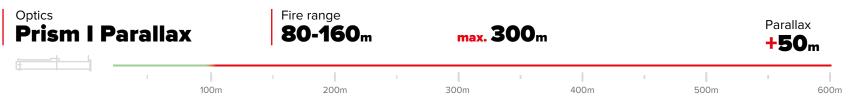
RPG-22L is the reincarnation of the legendary grenade launcher. This formidable weapon is now available to all laser tag fans. The game set has our famous grenade imitation detonation system: the infra-red pulse starts 1 second after the shooting button has been pressed. The range of fire is 200 meters. It should be noted that RPG-22L is a single action weapon (one shot per battle) and is not linked to the player's headband.

**BODY SERIES** 





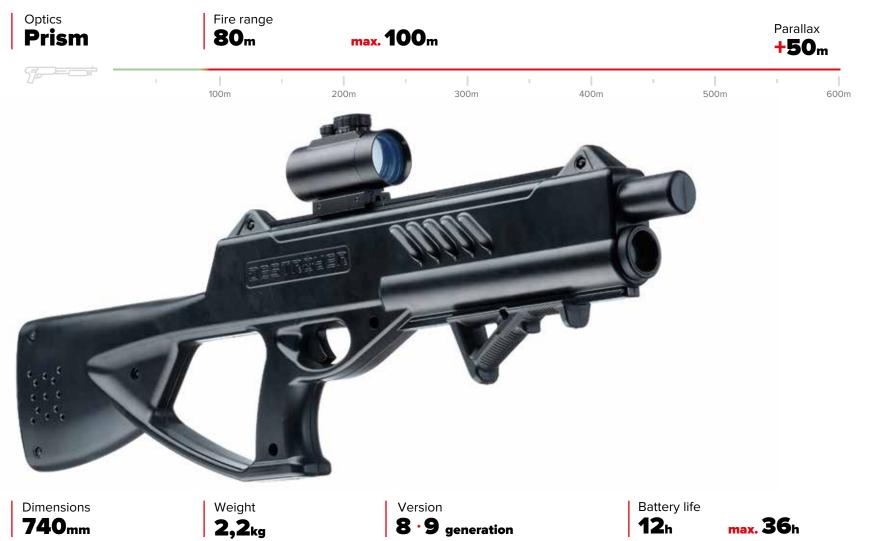
## **MGL-6 RECCE**





A six-shooter grenade launcher based on the M32 MGL model from the Milkor (Pty) Ltd manufacturer. The body is made of aluminium and ABS impact-resistant plastic. Five Weaver rails allow you to install a variety of modifications, from an optic sight to a tactical handle and target indicator. The buttstock has two positions.

## DESTROYER

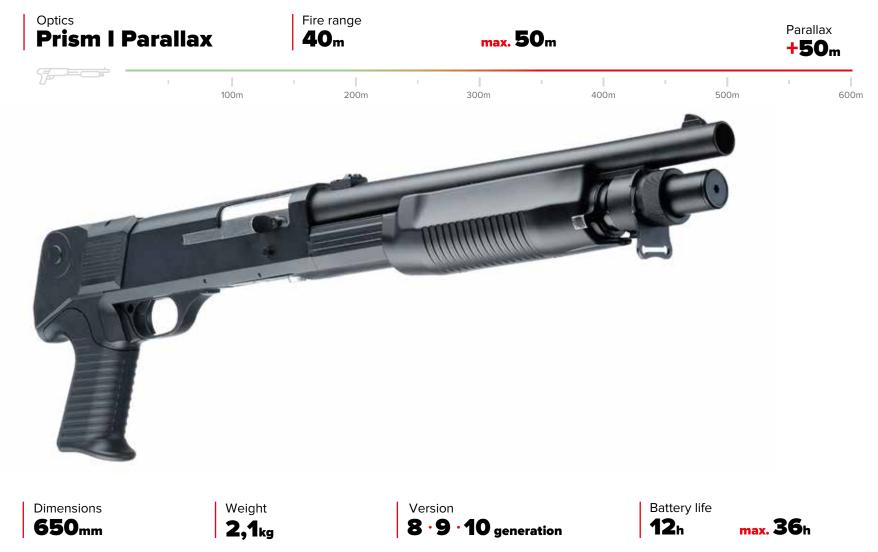


A unique game set, the design of which was developed by engineers specifically for playing laser tag. This model made LASERWAR a developer and manufacturer of special equipment. The body is made of impact-resistant plastic.









The weapon is based on the Benelli M4 model. The clean cut design will impress any pro: The barrel and cartridge chamber are made of aluminum alloy. The weapon has a pump and a grip made of shockproof plastic. You will like the material quality and the fluted grip. The game set has no buttstock in the design, which will allow the player to remain as mobile as possible indoors.

BODY SERIES **ORIGINAL** 





## Versatility of use

Models of this category represent those used in military conflicts. They occupy a special place in the range of our production. If you want to be closer to the history, the next section will provide this opportunity.

#### **Realism and** authenticity

We tried to preserve the identity of real prototypes as much as possible, both in appearance and game characteristics. The game sets can be used not only for the game. The models will be an excellent illustrative material. You can fold the buttstock. MP-40 has a full recharging cycle like in a real PPsh. You will also like the wooden inserts. The authentic details ensured the success of those game models in major scenario games. Realism comes first in such events, so it is important that the appearance of laser tag weapons is similar to combat prototypes.

#### **Special attention** to technical characteristics

The optimal range of fire for the models of this category is 100-185 meters. Thanks to the integrated lithium batteries, the game sets have up to 30 hours of battery life. It is worth noting the reliable bodies and electronics: during the high-quality assembly we took into account the slightest nuances in the placement of boards and speakers. The careful installation of boards gave excellent results. LASERWAR gives one more life to historical models.







The model is based on a PPSh-M air rifle from Vyatskopolyansky machine building plant. Use the fire mode switch located next to the trigger to turn the game set on. The power socket is located in the back plate of the buttstock and is protected with a special plug.





# **MP-40 SCHMEISSER**

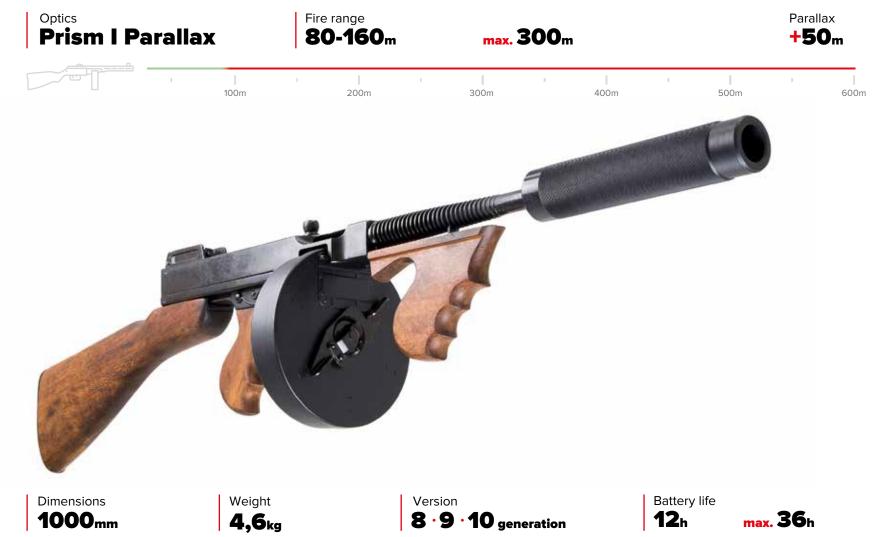


The weapon is based on the MP-40 model. The dimensions are very close to those of an original game set. Use the anti-vandal lock to turn the weapon on; use the bolt to reload it. The model has a steel buttstock, which greatly facilitates its transportation.



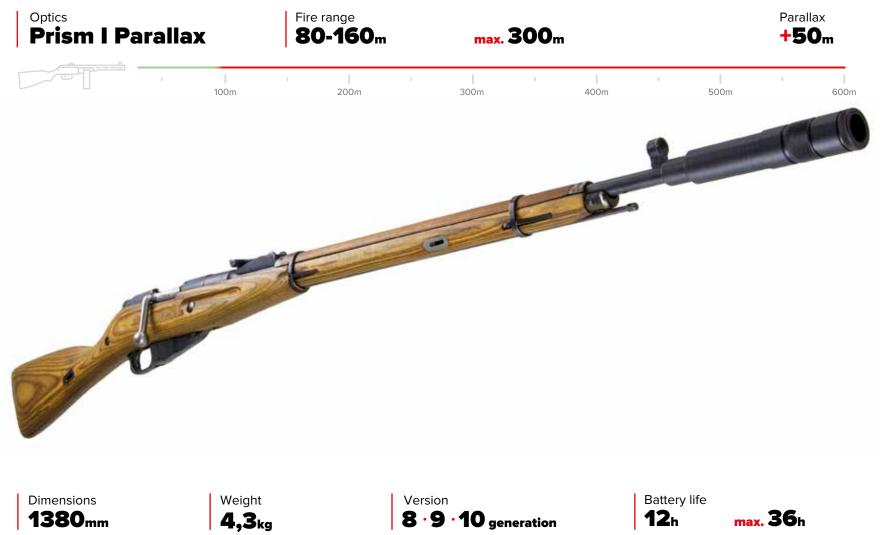


# **TOMPSON M1A1**



The Thompson gained its fame during the Dry Law in the USA, becoming the most common and favorite weapon not only for police officers, but also for gangsters. The Thompson M1A1 game set for laser tag is based on a real combat prototype. The reciever and buttstock are made of wood, the frame is made of metal. The weight of 4.6 kg will give you the feeling of a real weapon in your hands. The sighting equipment consists of a backsight and foresight which are protected from both sides by metal plates. The weapon is powered by a Li + 2.2 Ah battery. Use the bolt to reload the model.

# **MOSIN-NAGANT RIFLE**



The Mosin rifle with a fusil calibre 7,62– a famous example of Russian small arms. The game set fully replicates the combat prototype. You will like the wooden inserts and preserved bolt mechanics. You can also adjust the backsight. The weight of the tagger is 4.3 kg. Sighting equipment is comfortable and sufficient for comfortable shooting. The optimal firing range– 200 m. Due to the high durability of the weapon it can safely be recommended for rental, but to tell you the truth, the model deserves a place in personal collections.



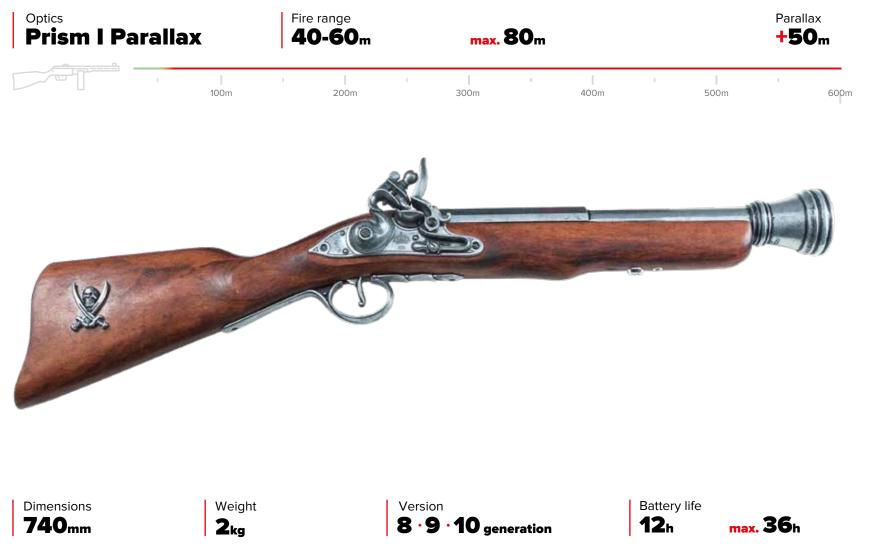


## **SKS-45 SIMONOV**



The smell of gun lubricant, steel heaviness that you can feel in your hands, the warm buttstock wood, sharp sound of the bolt– thre is no airsoft model that can stand competitioin. By the way, the weapon is based on an airsoft model. These types of weapons are what real fans have been looking for. 4 kg of weight will make your game even more colorful. When integrating electronics we tried to save the original design. Apart from the optical tube the weapon looks real. The carabine is small and relatively light. The range is up to 200 meters. The weapon will bring you many positive emotions. The game set is very durable. We strongly recommend it for rental clubs.

## MUSHKETON



The model is designed for the fans of Pirates of the Caribbean and Captain Jack Sparrow. This exclusive device will not leave any chances for your opponent. A real pirate laser tag musketoon -is a compact, and powerful weapon like in our famous movies. Do you want to set up a real pirate laser tag club? Then this new device is for you– the children will be delighted!





## Lock and indication systems

In this section you will find equipment that records hits in laser tag games: Smart RGB headbands, vests, wireless helmets with helmet covers. All the products have the functions of multizonality, vibration indication and background glow. The equipment provides protection against cheaters. If you're hit, the electronics will record that. No referees or witnesses are required. The products use super-bright LEDs, which will be visible throughout the shooting distance. Add to that a multi level player alert system and you will get modern sensors that capture hits.

#### **Comfortable** headbands

The Smart RGB-headbands have a removable cuff. If you rent out the equipment, then every new game you will be able to give out clean equipment. All you have to do is to change the cuff. The sensor bodies are made of polycarbonate and cannot be broken.

#### Vests

The vests are equipped with the MOLLE system. In addition to the hit sensors, you can install additional pouches and a water pack.

#### Helmets

The helmets are replicas of real ones used by special forces. Depending on the series, they are available in different versions with or without a helmet cover. You can also adjust the helmet to the size of your head. The inner space between the plastic and the player's head is filled with soft pads that absorb and don't create discomfort when playing.



## **TACTICAL VEST**





The straps are made of the same material as the headbands. The inside is covered with a special hygienic cloth, which is easy to ventilate and provides comfort during intensive battles. The weight is 950 grams. The length of the strips is adjustable: the vest will fit players of any size. The peculiarity of the tactical vest– background glow, with the help of which you can easily identify allies and opponents. The background glow has 15 degrees of brightness. You will not become an ease target if you adjust the glow brightness. In the dark or indoors, you can set the settings to maximum by ensuring that players are clearly marked.

# LASER TAG VESTS





The equipment has six sensors, a multizone function, anti-cheat function, background glow. The vests are equipped with a lithium polymer battery, which guarantees up to 36 hours of operation. You can also change the size of the vest using special fasteners on the strip. Additional strips have rubber latches which are used to tuck in the sticking out half belts. The vest also has special Molle strips and supports the Fastex system. We considered it important to manufacture vests without integrated pockets, so each player could add pockets depending on his choice.



## **ALICE VEST**



The vest combines the lightness of a laser tag vest and functionality. The uniform distribution of hit sensors over the entire surface, reliable system of fastening and adjusting the vest to the size of the player and the possibility of installing additional equipment makes the vest one of the most practical devices of the new generation of LASERWAR. The vest system includes hit sensors and 2 control units. 8 hit sensors can be divided into 3 zones: the back, shoulder and fronta zonesl.

## **SMART-RGB** headband





The unique Smart RGB headband is the result of long and painstaking efforts of our specialists. The device features maximum functionality with minimum weight. The user can program the brightness of the luminescence and the color of the hit. The background glow function has 15 degrees of brightness and allows you to mark the players of the opposing teams. You can also create your own game characters. Another advantage of the device is a multizone function. Each sensor has a built-in vibration motor. Only those sensors that have received an IR pulse will be activated when the player is hit. The headband fits perfectly on your head.







## Zsh-1 with a cover

Weight **0,7kg** 

Battery life up **36 h**  Zsh-1 Milsim

Weight Battery life **0,7kg** up **36** h

It is a copy of a protective helmet adopted by the Ministry of Internal Affairs of the RF and a number of Eastern European states and is still one of the most popular helmets among special forces. The board has photosensors and LEDs, it is protected from mechanical damage by a cap made from polycarbonate. A lithium battery gives you up to 36 hours of great performance. You will see Super-bright TLWR LEDs firm VISHAY company, even at distances of more than 100 meters.

It is a copy of a protective helmet adopted by the Ministry of Internal Affairs of the RF and is still one of the most popular helmets among special forces. All the electronics are places inside the helmet to achieve authenticity. IR sensors and LEDs are located on the surface of the helmet. A lithium battery gives you up to 36 hours of great performance.







## Tactical helmet with a cover

Weight **0,7kg** 

Battery life up **24** h

A replica of the MISN tactical helmet. All the electronics and hit sensors are inside the device. The helmet can be adjusted to the size of your head and chin. Made of ABS impact-resistant plastic. The helmet is very comfortable to wear due to high-quality pads located inside. They fill the space between the plastic and player's head. The Cover represents a piece of cloth that has the form of a cross. It also has hit sensors. The purpose is to convert a tactical helmet into a full-fledged laser tag game set. It allows you to adapt absolutely any tactical helmet to laser tag as you wish.

### **Helmet cover**

Weight Battery life **1kg** up **24** h

The Cover represents a piece of cloth that has the form of a cross. It also has hit sensors. The purpose is to convert a tactical helmet into a full-fledged laser tag game set. It allows you to adapt absolutely any tactical helmet to laser tag as you wish.



## ADDITIONAL EQUIPMENT

## Additional devices

If you've already chosen the weapon, take a look at additional devices for laser tag. They provide a variety of scenarios and attract the attention of rental club customers.

## Equipment for all needs

This section covers everything that will be useful for a laser tag lover in the game: remote controls, with the help of which it is possible to set up game sets in the field; first-aid kits, restoring health and ammo; targets for zeroing rifles; devices, which will help to charge the game sets, prepare them for transportation, equip them with additional optics. The bomb technicians won't be bored either: the additional equipment has everything from hand grenades to tripwires.

#### Design and technical characteristics

The design of our devices is unique and was created from scratch. We always pay attention to appearance, making sure that the equipment does not look like a mere box with electronics. Stickers, pictograms, clear inscriptions– all this will help players quickly understand the purpose of the device and the principle of its operation. Inside additional equipment there are lithium batteries. All models will use the same charger and you will not get lost among connectors, wires and plugs.





# Command post

Dimensions **27x27x38,5cm** 

Weight **6,5kg**  Battery life up **24** h

The main goal was to create a universal device, suitable for use in absolutely all scenarios which could replace a lot of additional devices. The Command post - a set of a new generation of gaming. Due to its wide functionality it can be used in almost any scenario of laser tag games.

### **Explosive Device Simulator EDS**

|   | Dimensions         |   | Weight        | Battery life   |
|---|--------------------|---|---------------|----------------|
| < | <b>26x21x16</b> cm | > | <b>1,4</b> kg | up <b>36</b> h |
|   | $\mathbf{v}$       |   |               |                |

The device is made from black crash resistant plastic. You can activate or deactivate the device by entering a password on the keyboard. All settings are editable through the admin menu, there is no need to connect to your PC.





### Smart Control Point

|   | Dimensions                 |   |  |
|---|----------------------------|---|--|
| < | <b>Ø 24</b> x <b>68</b> cm | > |  |
|   |                            |   |  |

Weight **2,1kg**  Battery life up **24** h

The Smart Checkpoint is a multifunctional device that can perform three basic scenarios: Capturing checkpoints, Battlefield point, Command post. The display, located on the top panel of the device, intuitively shows the processes of capturing and holding the game set by players of different teams and the final results of the round. Battlefield PRO



The Battlefield PRO is used for capturing key points. It is universal and can be used not only in scenarios laser tag, but also a paintball and airsoft.



### TACTICAL LASER TAG SHIELD WITH SENSORS



The shield has a hit sensor on the front and an electronics module with an IR diode on the inside. At the beginning of the game the shield has 100% safety margin and reliably protects the fighter behind. Every hit to the shield will reduce its strength. Once the safety margin is zeroed, the electronic unit will start broadcasting each hit to its sensor on the inside of the shield, depriving the fighter of the ability to hide the headband behind the shield and causing damage.

## **SMART BATTLE BASE**



The Smart Battle Base is a new device in the line of LASERWAR smart equipment. The game set is a universal device that can perform several scenario functions like other devices from the Smart series. The design of the game set provides for the possibility of its installinf on the wall when used as a stationary device on respawns and team bases. At the same time, the carrying handle allows you to use it as a mobile device— this option is also available in scenarios.

Number of scenarios – 3 | Indication – OLED-дисплей | Sound power – 3 Вт







## Basic first aid kit



Weight **0,48kg**  Battery life up **36 h** 

We made the design both beautiful and functional. The red and yellow frame of the button not only blends in seamlessly with the overall design, but also increases it visually. The use of recognizable pictograms will tell you how to use the device.

## 2.0 Smart First Aid Kit



Battery life up **36 h** 

The game set is made in a metal case. An indelible plastic sticker is attached to the upper part. The first aid kit has extended functionality. It has three game modes–Health, Ammo, Energy. The adjustment of game parameters is carried out both in the field, and by means of the laser tag configurator.





## Medic



Weight 0,23kg Battery life

up **8** h

The main feature of the Medic game set is an extended list of commands for configuration. The device can not only restore health and ammunition, but also play the role of first-aid kits, anomaly poins, device to replenish ammo, etc.

## RGB electronic target



A new design, bright backlight, customizable display, a convenient way to program the device in the field environment and an electronic shooting-range- discover all that in the new RGB target from LASERWAR. This is a must have device for a rental club owner. You can practice shooting before the start of the round.







### **Dome 3.0**

Dimensions

Weight **0,47kg**  Battery life up **36** h

Dome is a system that simulates the explosion of armored vehicles and structures. In laser tag it is used in every second major game. This popularity is explained by the functionality of the device, reliability and compact size. Use the laser tag configurator to adjust parameters.

Arsenal Dimensions 22x11x8cm Weight 0,48kg Battery life up 36 h

The Universal Point combines the functions of many well-known devices. revival point, anomaly, radiation. The game set can imitate the work of all the above mentioned devices. You can also make it imitate just one device.





### **Universal remote**

Dimensions

Weight **0,134kg** 

Battery life **up <b>36 h** 

Based on a specially designed motherboard Its main difference from the old-style boards– improved wiring power circuits and information tracks as well as the SMD execution of microelements. The electronics quality has been increased several times thanks to proprietary three-layer varnishing components.

### **Smart PRO remote**



Battery life up **36** h

The Smart PRO remote is a real portable station that replaces your computer. The body panel is made of rough plastic, which makes it comfortable to hold the device in the palm of your hand without fear of losing control. The unique widescreen OLED display keeps the information bright under the syn rays and shows all the changing parameters.







### **Smart Nano Remote**

Dimensions Weight

Battery life up **3 month**  Дальность действия **1-2m** 

The Smart Nano Remote is a new version of the NANO Remote, which has proven itself well among laser tag players and instructors. With the remote control you can set 14 most common commands. And all this with just five buttons.

### **USB BASE**



It is a device for configuring performance characteristics of the weapons of 4– 7 generations and additional devices. One of the features– the USB interface is used to connect to the pc. The device has small dimensions, new connection technologies. There isn't any built-in power source.



## **Spider Charger**

Weight 0,45kg Charge Voltage **7,5**v

Charging rate **0-0,66A**  Power Consumption **30w** 

The device is designed to recharge six game sets working on dual lithium battery assemblies simultaneously.

### **Firefly Charger**

Weight<br/>**0,45kg**Charge Voltage<br/>**7,5v**Charging rate<br/>**0-0,7A**Power Consumption<br/>**40w** 

The Firefly is designed to charge six Smart RGB headbands at once. We use a visual indication system in our product line. The design of the device has retained the continuity of the LASERWAR design.

### **Smart Li+ Charger**

Charge Voltage **8,4**v

Charging rate **0,6A** 

Power Consumption не более **10**w

Battery capacity **0,75– 3**Ah

The device is designed for recharging lithium batteries based on Li+ technology.







### Laser tag Cerberus mine

Dimensions

Weight **0,58kg**  Battery life up **36** h

Capturing a flag or holding a control point will be a difficult task for a virtual enemy. Now laser tag amateur's arsenal will also include a mine that will make your enemy's life very complicated. Capturing a flag or holding a control point will be a difficult task for a virtual enemy. Apart from an enemy bullet the players can be hit with an IR Cerberus impulse. The impulse can hit players from any team. Everything depends on the settings.

## Crater Laser tag Bomb



Battery life **up <b>36** h

The Crater laser tag bomb has an anti-cheat system, it is equipped with a sevensegment indicator and is packed in a shockproof body. The game set has a simple and clear functionality. With the help of the device, you can implement «plant the bomb' scenarios, which will diversify laser tag club games.

The guaranteed damage radius up to 10m

#### The guaranteed damage radius up to 12m





# **Trinity grenade**

# Chameleon

Dimensions

Weight **0,14kg**  Battery life up **14** day Dimensions

Weight **0,62kg**  Battery life up **36** h

The grenade in laser tag can change the outcome of the battle. Just successfully «roll» it into the room, and the prepared ambush will crumble from an IR pulse.

The device supports three scenarios and four pulse types. Made of impactresistant plastic. It's characterized by pure design and simple settings.



# **DOOMSDAY STORE**





A device for Fallout, Doomsday scenario games. First tested at MFL-2019, it can significantly expand the scenario. The Pandora's box– an electronic box where a tube of radioactive (or biologically dangerous) substance is stored. According to the game scenario, it must be removed from the device and delivered to the point of destination. To open the safe, players must capture and hold the device under their control for a certain period of time figuring out the code, and then enter it by opening the electronic lock.

# **PANDORA'S BOX**



The game set is a continuation of the line of scenario devices. It includes three Pandora boxes and an activator device. According to the scenario it is necessary to detect three storage boxes in the game area, access their contents and deliver three «radioactive» tubes to the activator. Having installed all three tubes in the activator, you will launch the activation process. You mission will be successfully accomplished. Using special devices will bring additional storylines to your games and take them to the next level.



## LASER BIATHLON 2.0 JUNIOR SET JUNIOR











Laser biathlon 2.0 Junior Set is a training set of initial level equipment for training novice athletes and holding mass and amateur sports competitions. The laser module used belongs to laser hazard class I, i.e. it is safe under the assumed operating conditions. The biathlon target included in the set has special pads, which allow to easily transform it for standing and prone positions.

## LASER BIATHLON 2.0 TRAINER SET TRAINER



Laser Biathlon Trainer Set was successfully tested during two big events (the Innovation Day of the Ministry of Defence of the Russian Federation and the Moscow City Day). The laser module we selected belongs to laser hazard class I. That is, it is safe under the intended operating conditions. The biathlon game set comes with a special belt that doesn't restrict the player's movements. Thanks to the design features of the belt, the player will be able to prepare the rifle for shooting in a matter of seconds and put the weapon behind his back as quickly as possible.

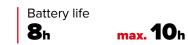


## LASER BIATHLON 2.0 MASTER SET MASTER







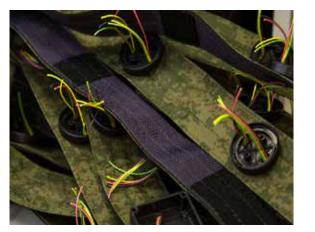


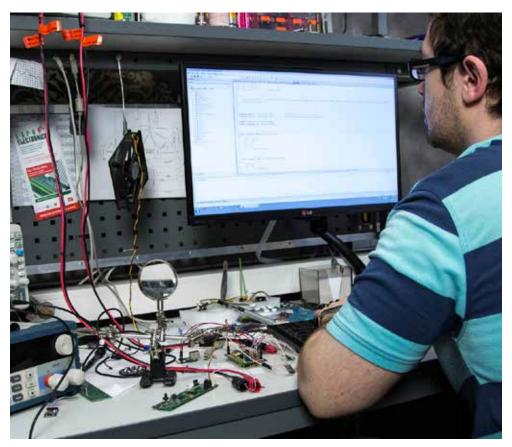
Laser Biathlon 2.0 Master Set, is a training set of medium price category equipment for training experienced biathletes and holding competitions. The laser module used belongs to laser hazard class I, i.e. it is safe under the assumed operating conditions. The biathlon game set comes with a special belt that doesn't restrict the player's movenents. The biathlon target included in the set has special pads, which allow to easily transform it for standing and prone positions.

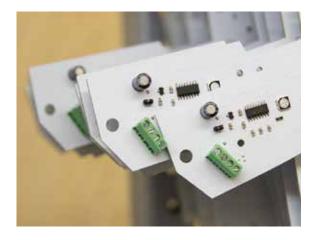




We start with an idea and bring it to the final version, which has no flaws. Programmers, engineers, designers, and testers work every day on technologies that have become the standart in laser tag industry. LASERWAR specialists create hardware, think over circuitry engineering, write hundreds of thousands of code lines for microchips and laser tag configurator. The company pays special attention to the design. The interface of programs and applications has been thought out to the last detail: it's all about the essentials. Everything is user friendly. Everybody can handle the setup of the game sets. Everything is subject to the Plug & Play technology.



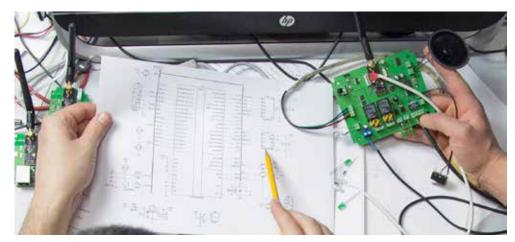


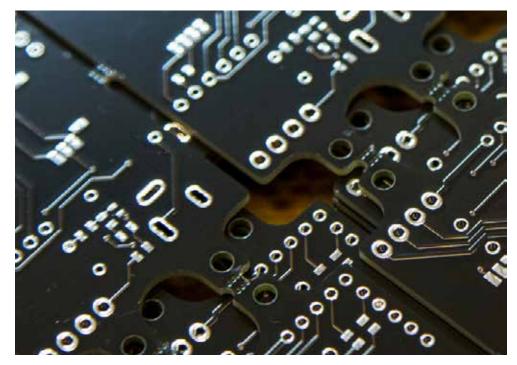




The production of game sets is a complicated process. It includes tracing and design of printed boards, assembly of electronic components, flux washing, coating of electronics with special protective layer, final assembly process. The large production area, the use of special machines and the strict control of each stage eliminate the human factor. Automation and reliable electronic components enable us to keep the quality on a high level. The game sets have passed the GOST R and CE-certification, the optical system has successfully passed the tests for light-biological safety.

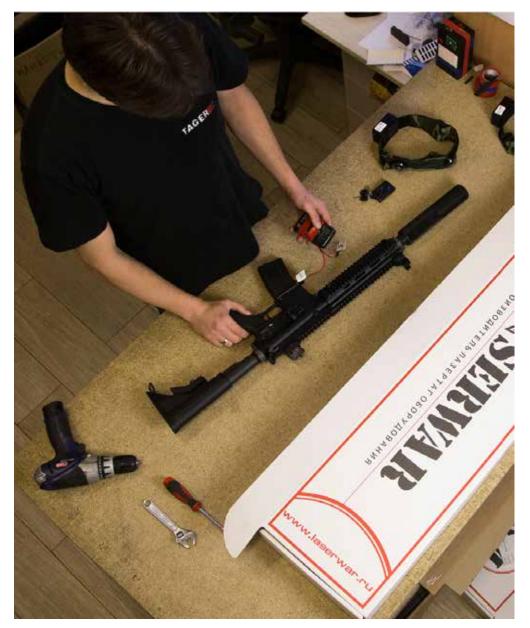








# **QUALITY ASSURANCE**



All company products pass through the technical control department. We test models in special vibration test benches, cold and rain chambers, as well as in various weather conditions. All this allows us to say with– certainty that the equipment will withstand the most intensive operation.

We're picky about every scratch and we won't let you get the wrong product. Before sending the equipment to the client, the specialists conduct a comprehensive check of the main functions of taggers and devices- sound, display performance, Bluetooth and Wi-Fi communication. If needed, our experts will update the firmware and program the taggers game settings.

Thanks to the multistage marriage search system, additional LASERWAR devices feel perfectly well in the harsh conditions of rental clubs.

## **OUR PURPOSE**

Our purpose is to make laser tag the most popular game in the world. To do that we develop the best game equipment, hold international tournaments, supply products to 78 countries around the world.

We always put the interests of our clients first and we often make concessions. Our partners can count on free support and promotion of their business on our Internet resources, information and technical support when opening a rental club.

LASERWAR specialists constantly work on improvement of existing technical decisions, improve quality and functionality of the equipment. The game sets of the company support the «turn on and play» philosophy. With us you can forget about the difficult settings and problems in operation.

Over the years we have formed a circle of players, worked closely with the owners of rental clubs and set the tone for the whole laser tag community. For us, the word «laser tag» is not just a set of letters, not just a pastime. It's a whole philosophy, a path we'll never turn away from. Together with us we will provide everyone who wishes to go this way with the best laser tag equipment on the market.



#### LASERWAR LASER TAG EQUIPMENT

#### **SPECIAL SERIES**

- **08 AK 12 LT PREDATOR**
- 10 AK-15 WARRIOR
- 12 AK-12LT SPORT
- 14 MP-9LT PHOENIX
- 16 HORNET
- 18 AR-15 RANGER
- 20 MR-514 TERMINATOR

#### **SNIPER RIFLES**

- 24 MR-512 SNIPER
- 25 SVK ROSSICH
- 26 MP-514 CLASSIC
- 27 M82-A1 BARRET
- 28 SVD TITAN
- **30 SVD-S HUNTER**
- 32 M14 DELTA FORCE
- 33 EDELWEISSSL-9A1 «REIN»
- 34 VSS VINTOREZ ALPHA
- 36 MAUSERVSS
- 38 REMINGTON 700 GURZA
- 39 MAUSER PRO

#### **ASSAULT RIFLES**

- 42 AKM LEGEND
- 44 AK-74M GOLDEN EAGLE
- 46 AK-PG CASCADE
- 47 HK-416 BERGMAN
- 48 COLT M4-A3 CENTURION
- 50 AKS-74U FALCON

- 51 AS VAL SHADOW
- 52 HK-G36-CV BUNDESWEHR
- 54 SCAR MARKSMAN
- 56 AK-BM HAMMER
- 58 M16-A1 SAIGON
- 59 9A-91 BULAT
- 60 M4 COBRA
- 62 BERETTA ARX-160
- 64 APR 556 SNOWSTORM
- 65 COLT M4-A1 SKAT
- 66 AKM PROROK
- 68 «ACR MASADA»
- 69 АК-12 «ИРБИС»

#### **MACHINE GUNS**

- 72 PKM-D TYPHOON
- 74 RPK-S ARMADA
- 76 FN MINIMI «ESKADRON»
- 77 RPK-74M HAIL
- 78 MINIGUN-134
- 79 DP DEGTYAREV

#### **SUB MACHINE GUN**

- 82 KRISS VECTOR
- 84 **BISON**
- 85 MR-661 DROZD
- 86 MR-661 GRIFFIN
- 87 UZI STING
- 88 P-90 KAYMAN
- 90 AAPR 9 SPARK
- 92 MP-5 WOLF
- 93 GUARDIAN

#### **PISTOLS**

- 96 HITMAN
- 97 DESERT EAGLE
- 98 GRATCH
- 100 APS
- 101 APB STECHKIN
- 102 GLOCK
- 103 VIKING P-446
- 104 PM
- 105 PM PATRIOT

#### SHOTGUNS GRENADE LAUNCHERS

- 108 RPG-22L THUNDER
- 110 MGL-6 RECCE
- 111 DESTROYER
- 112 GASTAT

#### **HISTORICAL WEAPON**

- 116 PPSH
- 118 MP-40 SCHMEISSER
- 120 TOMPSON M1A1
- 121 MOSIN-NAGANT RIFLE
- 122 SKS-45 SIMONOV
- 123 MUSHKETON

#### **HIT SENSORS**

- 126 TACTICAL VEST
- 127 LASER TAG VESTS
- 128 ALICE VEST
- 129 SMART-RGB headband
- 130 Zsh-1 with a cover
- 132 Tactical helmet with a cover

#### **ADDITIONAL EQUIPMENT**

- 134 Command post
- 134 Explosive Device Simulator EDS
- 135 Smart Control Point
- 135 Battlefield PRO
- 136 TACTICAL LASER TAG SHIELD WITH SENSORS
- 137 SMART BATTLE BASE
- 138 Basic first aid kit
- 138 2.0 Smart First Aid Kit
- 139 Medic
- 139 RGB electronic target
- 140 Dome 3.0
- 140 Arsenal
- 141 Universal remote
- 141 Smart PRO remote
- 142 Smart Nano Remote
- 142 USB BASE
- 143 Spider Charger
- 143 Firefly Charger
- 143 Smart Li+ Charger
- 144 Laser tag Cerberus mine
- 144 Crater Laser tag Bomb
- 145 Trinity grenade
- 145 Chameleon
- 146 DOOMSDAY STORE
- 147 PANDORA'S BOX
- 148 LASER BIATHLON 2.0 JUNIOR SET
- 149 LASER BIATHLON 2.0 TRAINER SET
- 150 LASER BIATHLON 2.0 MASTER SET

#### **ABOUT COMPANY**





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