



# RAPTOR LASER TAG QUICK GUIDE 1.2



HUNGARY  
NETHERLANDS  
PORTUGAL  
ROMANIA  
SPAIN  
TURKEY  
UNITED KINGDOM



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Here below find a quick overview about the Intager Raptor System. This gives you only basic information. To understand the proper use of the system, it is evitable to read through the Owners Manual.

Since there are endless choice...to hold games... Never hold games for groups without learning... the details of the system.

**Read it, unpack the set and start playing! Your Intager Raptor is ready!**

### **RAPTOR SET ITEMS**

#### **A. Raptor set includes**

- ✓ 1 gun
- ✓ 1 shoulder block
- ✓ 1 blocker piece
- ✓ sensor

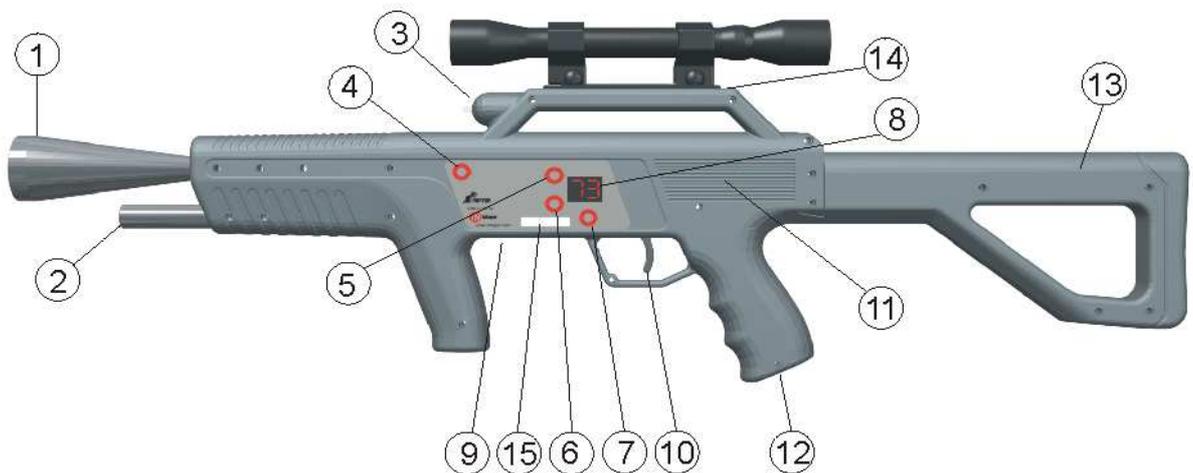
- ✓ headband cover
- ✓ free access to the Intager Scenario Manager PC program
- ✓ free PC program upgrades
- ✓ 1 year guarantee

## B. Extra

- ⊕ recharger
- ⊕ AAA battery for the gun
- ⊕ 8,4 V battery for the head sensor
- ⊕ adapter + cable
- ⊕ bag
- ⊕ red dot or telescope
- ⊕ installation or/and training

## 2. RAPTOR GUN

- ▶ Use the remote control to switch on/off the gun.
- ▶ After the intro sound and message, on the screen you can see: the current power level of the batteries (below 6.6 should recharge)
- ▶ Parts of the gun

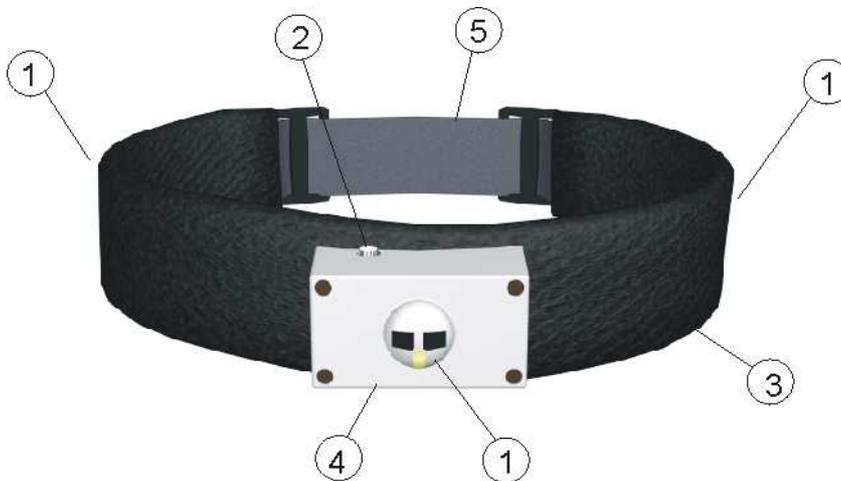


1. **Barrel.** Shooting range minimum 150meters in total sunshine.
2. **Grenade.** Real unique feature. Range: 30meter in total sunshine, drastic fire-power.
3. **Yellow LED** flashes at shots – like “muzzle fire”.  
**Sensors** detect hits made other players on us.  
**Radio communication** between the head sensor and the gun.  
**Hit feedback** (sound effect) confirms your successful hit made on other players.

4. **Grenade loader button.**
5. **Increasing display brightness.**  
Press the button longer - you can see how many **clips** are there still "in the gun"
6. **Decreasing display brightness.** You can even switch off the display.  
Press the button longer - you can see how many **bullets** are there still in the actual clip.  
Press longer button "5" and "6" the same time – you can see how many **grenades** are there still "in the gun".
7. **Clip re-loader.**
8. **Display.** It shows how many health, bullets, clips, grenades we have and the power of the batteries.
9. **Plug.** You can **recharge** the batteries through it.
10. **Trigger.**
11. **Speaker.**
12. **Battery box.** You can recharge the batteries through the plug.
13. **Shoulder stock.**  
**Blocker piece.** When you take the shoulder stock off, put this in its place.. It is part of the basic set.  
**Sling fixing.**
14. **Rail** for riflescope, telescope, red dot etc.
15. **Serial number**

### 3. SENSOR

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1. **Sensor.** The sensors identify the hits made on us in 360 degrees. The LEDs signal the taken hits by a flashing.  
The number of flashes shows the power of the battery when you switch on the sensor or recharge.
2. **Plug.** You can switch the sensor on and off with it. You can **recharge** the battery through it.
3. **Headband cover.** Washable, easily detachable with Velcro - hygienic function

4. **8,4V battery box.** The ergonomic build-up fits the head. Taking the cover off is not recommended!
5. **Headband.** Adjustable elastic band with fastener.

#### 4. RECHARGER

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- ▶ 12V/500mA recharger recommended for 1 gun.
- ▶ With Intager's special recharger you can recharge 10 Raptor sets the same time.
- ▶ **Using any other recharger than Intager's, Intager does not take the responsibility for any damage!**

#### 5. BATTERIES AND RECHARGE

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##### A. Batteries

- ▶ **Gun:** 6 pieces of normal 1,5V AAA Nickel-Metal Hydride rechargeable batteries. Minimum 1000 mAh rated capacity is recommended.
- ▶ **Sensor:** normal 8,4V normal AAA Nickel-Metal Hydride rechargeable batteries. Minimum 200 mAh rated capacity is recommended.

**Do not use lithium batteries!**

**Do not change one battery in the gun! Always change the 6 batteries at the same time.**

**Do not mix several kinds of batteries!**

**Do not store batteries in extreme conditions!**

**Use batteries as the producers recommend, see their manuals!**

##### B. RECHARGE

- ▶ **The gun.** Plug the recharger into the gun.  
You can see the actual power of the batteries on the gun's display (V). The maximum power is 9 (with 6 pieces of 1,5V batteries).  
Depending on the age and condition of the batteries the maximum power can be lower than 9 (between 8,4-9)  
Below 6,6V the gun gives signal, below 6,5 the gun switches off.  
Is there only 1 wrong battery among the 6, recharging and operation of the gun meet difficulties, change the batteries.  
When the recharger is connected to the electricity network the namely voltage can be higher (you can see on the display) than the real (when you disconnect the recharger you can see a difference appx. 02-05V).  
For low batteries minimum 2-4 hour recharging required. Full recharge in 6-10 hours depending on the batteries condition.

- ▶ **The sensor.** Plug the recharger into the sensor. During the recharge the number of the red LED flashes indicates the actual power of the battery. 5 flash is the maximum .  
At 3 flashes the gun gives signal, below 3 flashes the sensor switches off. Depending on the age and condition of the battery the maximum power can be lower.  
When the recharger is connected to the electricity network the namely voltage can be higher than the real.  
With low battery minimum 2-4 hour recharging required. Full recharge in 6-10 hours depending on the batteries condition.
- ▶ **Using any other recharger than Intager's, Intager does not take the responsibility for any damage!**

## 6. ADAPTER

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**Adapter** builds radio connection between the guns and your computer. You can configure the gun's

- ✓ Fundamental parameters (number of health, grenade, bullets, etc),
- ✓ Functions (medic, bullets, grenade)
- ✓ Special things (sound effect, game timer, range of fire, etc)
- ✓ Through the adapter you can download information and statistics from the gun.

The adapter is connected to the PC with a printer cable.

## 7. START PLAYING- FAST AND EASY

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There are always 2 scenarios uploaded onto the guns.

1. You can always reach the **"factory" scenario**. Each time you want to reach the factory scenario you have to restart the gun. Use the remote control to start the guns in factory mode! In "factory" scenario all guns register all hits. See settings in the manual!
2. **Scenario\_1**: This scenario is pre-loaded to all guns. According to this scenario, 2 teams can play against each other, with friendly fire allowed. Use the Intager Scenario Manager to modify scenario\_1, or upload new scenarios. The last, and **only** the last, uploaded scenario, is always reachable by simply switching the gun on!

## **8. INTAGER SCENARIO MANAGER – PRE-PROGRAMMED SCENARIOS**

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Intager provides you some pre-programmed scenarios that you can easily upload to your guns. In these scenarios there are different settings for the number of lives, shooting power, etc. You can simply choose one of them and upload it to your guns. Please note that

- ▶ The guns register the hits (shoots) only if the same scenario was uploaded onto them. Guns uploaded with different scenarios do not register each other's hit (shoot).
- ▶ If friendly fire is disabled in the uploaded scenario, the guns in the same team do not register each other's hit (shoot).
- ▶ Intager offers scenarios, but doesn't know your site, playing area, age or other parameters. The scenarios give only indications how to use the system. You have to get familiar with the whole system and you can adopt the scenarios or you can write completely new ones.

## **9. STORAGE AND USAGE**

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Never store the gun, and head sensor wet! Always dry them first!

Store them in dry place. Avoid storing under extreme conditions (to cold, too hot or wet)

Recharge the batteries at least once a month! See details at producers' sites. (e.g.: [www.gpbatteries.com](http://www.gpbatteries.com) , [www.varta.com](http://www.varta.com) )

For details about proper usage see the Manual!