

# Q-ZAR LASER TAG<sup>®</sup>



"Earth's Favorite Laser Game"

# Q-ZAR<sup>®</sup> SYSTEMS

Originally developed by an Australian entrepreneur, the first Q-ZAR center opened in Perth. After witnessing the success of this Australian center and similar centers in London, LeisureCorp. an Irish company based in Dublin, purchased Q-ZAR outright. Leisure Corp. invested heavily in research and development and came up with the sophisticated, high-tech game we know today as Q-ZAR. Since 1992 Q-ZAR has grown to be one of the biggest names in the laser tag industry. Q-ZAR was the company that first brought actual lasers to Laser Tag.

Q-ZAR Systems owns the rights to the Q-ZAR name and continues to support and sell the Laser Tag system that made Laser Tag the success it is today. Since we also own and operate a 12,000 square foot Q-ZAR Family Entertainment Center, we have first hand knowledge of what it takes to make a Laser Tag facility a success. We have up-to-date knowledge of current customers needs and spending, along with proven marketing strategies and cost prevention planning.

With over 20 years experience in the Laser Tag industry, Q-ZAR Systems can help you get the very most out of your investment and with our support staff we can help with any equipment or operational questions you may have. Take advantage of our skills and support. Our 'on the job' experience allows us to be in touch with actual problems so we can create quick solutions. Our experienced sales team and support staff is always available to help new and experienced operators with any issues, so they can maintain maximum profits.

Durable Q-ZAR equipment is manufactured to the highest standards and is covered by a 1-5 year parts and labor warranty on all electronics. Q-ZAR features both red and green laser beams for harmless, visually stunning effects. They're UL-listed, FDA CDRH registered and FCC-certified to meet the strictest international standards. In addition to the original Q-ZAR equipment we offer a kids version which we call Q-KIDZ. It's lighter, easier to wear and kid friendly. Perfect for the smaller players.



Q-ZAR Systems always has replacement parts ready to ship. Our easy order system offers a quick turn around to help keep your equipment making you money. Equipment repairs, operational training and marketing assistance is always available. Q-ZAR also has licensed merchandise available to all of our customers.

**The success of Q-ZAR all around the world has been awesome**

**As the biggest and best Laser Tag on planet Earth,**

**Q-ZAR offers you the chance to  
"GET INSIDE THE GAME"**

# **Q-ZAR** THE GAME THAT'S EXCITING THE WORLD

Part of Q-ZAR's success is its broad appeal. It's a huge hit with children, teenagers, families and corporate organizers. So check out one of the most popular Laser Tag Systems in the world, Q-ZAR Laser Tag.

Enter a Q-ZAR Laser Tag arena and experience the ultimate Laser Game it's a Total Adrenaline Rush!

Before they enter the arena, players are split into red and green teams and are briefed on their mission. Then each player puts on a "glow-in-the-dark" sensor vest and picks up a phaser. The players survival instincts run wild as they strategically maneuver through the high-tech arena in search of their opponents "interactive" headquarters.

In the arena the lasers have a number of sound effects including a "Good Shot", "Well Played" and "Active" audio response. The Q-Control computer also tracks each players moves and offers a personalized score after the game.

Q-ZAR features multiple game options to keep beginners and experts coming back for more.

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Laser Tag is today's most exciting, innovative, technically advanced and profitable leisure concept. Most venues attract thousands of regular players, and the growth potential is enormous, because there are still many people who haven't yet experienced the game – once they do, they're hooked!

The Q-Control computer can handle up to 40 players per game. Most centers run a 30 minute session which includes the briefing, vesting, game time and scores.

The Vest is made of a lightweight, easy to clean, high-impact plastic with front and back sensors and LED lights along with tremblers that let players know physically when they've been tagged.

The rugged high-tech Phaser projects a vivid red or green laser beam and features a futuristic voice synthesizer, which automatically informs, encourages and warns players. There is also an LED display on the back that shows how many lives and shots are available.

Alongside the laser beam, an infrared beam registers 'hits' on opponents' packs, and automatically transmits this to the players pack.

**The company who put Laser Tag on the map**



# **Q-KIDZ:** Where Imagination and *Entertainment* **MEET**

Q-ZAR brings a new level of excitement to the game of tag. With Q-KIDZ, the high-tech game now gives new meaning to the term 'You're it!' Because children can now take fun and excitement to the limits of their imaginations. That means you're it when it comes to having the hottest kids entertainment attraction in town.

- \* Q-KIDZ is specially designed for the younger player and incorporates the quality and safety standards you would expect.
- \* The Sensor vests fit easily and comfortably on smaller players.
- \* Brightly colored lasers are perfectly harmless and are UL-listed, FDA CDRH Registered and FCC Certified.
- \* Each laser is designed for smaller hands and features a protective rubber end.

## **ACTION,** excitement, **AdventURE,** **PROFIT...**

- \* Laser beams are used for a visually stunning effect.
- \* Q-KIDZ can be a team or solo game, so theres always more than one winner and individual scores can be displayed to show how many points each player scored.

**Q-KIDZ**  
tag you're it!

- \* The phasers also play a variety of sound effects and the sensor vests are designed to vibrate when the player gets tagged.
- \* Games are solo or team oriented and have easy-to-learn game options to keep kids coming back play after play.



It's a great team game, because there's  
always more than one winner

# THE EQUIPMENT

The Q-ZAR System is made up of five main components.

The packs (vest and a phaser), The network units (energizers, bases, and mines), The charging system (power supply and distribution box), The Q-Control computer (computer, software and cables) and The Scoreboard (red team, green team and timer).



## The Packs

A pack consists of a Vest and Phaser.

The Vest is made of light-weight plastic with front and back sensors.

The Phaser is a handheld unit that you carry throughout the game. The phaser emits a small laser beam that glows in the fog. As an option you can have green lasers in the green phasers and red lasers in the red phasers.

A site can have any number of packs from 10 up to 40.

## The Network Units

Every system is supplied with 4 network units. Two Energizers and one Headquarters in each team color.

Energizers look just like the headquarters and both are interchangeable. By setting the jumper inside you can set any of them to be a headquarters or energizer for the red or the green team.

The network units are linked back to the computer to provide continuously updated scores while the game is in progress.

## The Charging System

A charging system is included as part of the package. This includes:

A Power Supply that will charge up to 20 packs.

A Distribution box that uses resistors to limit the amount of current to the battery inside the packs. Each box will support up to 10 packs.

Phaser charge sockets and Charge leads for each phaser to be plugged into over night. An overnight charge will provide 12-14 hours of play.

## The Q-Control Computer

A dedicated computer with Windows-based software is provided as part of your Q-ZAR package. This computer is used purely for the control of the Q-Control software.

## The Scoreboard

The scoreboard displays each teams score along with the current game time remaining.

Scoreboards may be mounted in the lobby or arena. Extra scoreboards may be purchased, so that the scores and the time left can be displayed in multiple locations.

**The largest name in the  
Laser Tag industry**

# THE ARENA

Our years of experience and ongoing customer support enables you to set up and run your center with minimum effort and maximum success – even if your company has never been involved in the Laser Tag industry before! We provide fast and reliable service and support to anywhere in the world.

One of the key elements of a successful laser tag center is in the selection of the property. It must be in a suitable location and of suitable size. The most successful Laser Tag centers are those that are operated as stand alone sites, however Laser Tag can also be very successful as a supplement to an already established business such as bowling centers or soft play areas.

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The size of your arena is the key to the number of packs your Q-ZAR site should have.  
Below is a guide for the area we suggest for a Q-ZAR arena.

10 pack system 1000-1500 sq. feet (100-150 sq. meters)  
20 pack system 2000-2500 sq. feet (200-250 sq. meters)  
30 pack system 3000-3500 sq. feet (300-350 sq. meters)  
40 pack system 4000-4500 sq. feet (400-450 sq. meters)

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An arena should contain a black-lit maze of doorways, obstacles, pillars and barricades. These obstacles should be painted with black-lit paint. Some have two or more levels, with stairs, landings and balconies. Stage haze, music and special sound effects add to the fun. Ultraviolet lighting is usually used, which makes the body armour, phasers and obstacles glow.



Most operators prefer to fit out their own arenas, but we can recommend a company that specializes in arena design and construction. This vendor can provide you with an arena specifically designed for Q-ZAR. Virtually any size arena is suitable, and you could even have several themed arenas (i.e. medieval, fantasy, wild west, science fiction).

**Our knowledge and expertise  
ensures your success**

# TECHNICAL OVERVIEW

## 10, 20, 30 or 40 Q-ZAR Phasers

Class 2 laser  
Speech and sound effect function  
Sequential team and hit lights  
Internal clock  
Game information LED display panel  
9.6 Volt Rechargeable NiCad Battery  
Infrared transmitter and sensors  
Adjustable shoulder straps  
DC charge port  
2-handled precision injection molded flameproof casing  
Fully adjustable harness

## 10, 20, 30 or 40 Q-ZAR Vests

Rigid, lightweight fluorescent red and green body armor  
Team and hit lights  
Identification LED display panel  
Infrared transmitters and sensors  
Powerful 2-way vibrator unit

## 2 - 4 Energizer Units

Adjustable ID switching  
Speech and sound effect function  
2 x 120 volt AC effect outputs  
Compact, metal robust casing  
2-way communication with phasers  
RS232 Communication with central game computer

## 2 Headquarter Units

Adjustable ID switching  
Speech and sound effect function  
2 x 120 volt AC effect output  
Compact, metal robust casing  
RS232 Communication with games computer

## 1 - 2 Phaser Charging Systems

1-2 Power Supply  
1-4 Distribution Boxes  
Charging cables and sockets for each individual phaser

## 2 Sirens

Working voltage: DC 6V - 12V  
Sound level: 110db  
ABS plastic

## 1 - 2 Scoreboard Units

Red scoreboard  
Green scoreboard  
Timer

## Q-Control Computer

PC computer with software pre-loaded  
Software security dongle  
USB to serial adapter  
Resistor  
Computer serial plug  
Computer serial plug cover  
Keyboard and mouse

## Spare Parts Kit

2 - Laser tube assembly - 1 Red, 1 Green  
1 - NiCad battery  
2 - Front to rear cable  
2 - Curly cord  
2 - Fuse 2A  
2 - Vibrator assembly  
2 - Charge lead  
4 - Vest Artwork - 2 Front, 2 Back  
4 - Harness - 2 Red, 2 Green  
1 - Allen key  
1 - Nut driver - M4

## P.O.S. Software

Q-ZAR Systems can recommend a sophisticated computer-based Point-of-sale software program.



NOTE: Due to technical progress, items may be changed without prior notice

# Q-ZAR LASER TAG®

LASER  
LIGHT

ENTERTAINMENT<sup>INC</sup>

Q-ZAR® IS A REGISTERED TRADEMARK  
OF LASER LIGHT ENTERTAINMENT INC.

