

## PRODUCT LIMITED WARRANTY

Blizzard Lighting, LLC hereby warrants that its products shall be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period below). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. This warranty shall be valid only if the product is purchased from an authorized dealer appointed by Blizzard Lighting, LLC. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence.

For warranty service you must obtain a Return Authorization number (RA#) before sending back the product. Contact Blizzard Lighting, LLC's Service Department at support@blizzardlighting.com. Send the product only to the Blizzard Lighting, LLC factory. All shipping charges must be prepaid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, Blizzard Lighting, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, Blizzard Lighting, LLC shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.

This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which Blizzard Lighting, LLC concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the Blizzard Lighting, LLC factory unless prior written authorization was issued to purchaser by Blizzard Lighting, LLC; if the product is damaged because not properly maintained as set forth in the instruction manual.

This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check-up. During the period specified above, Blizzard Lighting, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of Blizzard Lighting, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Blizzard Lighting.

Blizzard Lighting, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by Blizzard Lighting, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall Blizzard Lighting, LLC be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

This warranty is the only written warranty applicable to Blizzard Lighting Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

### LIMITED WARRANTY PERIODS:

**All LED Products: 2 years (does not include damage to LEDs caused by mishandling)**

**All Controller Products: 2 years**

**All Fog/Atmospheric Products (Non-DMX): 90 days, (DMX): 2 years**

**Lasers: 2 years**

**Other Products not listed here: 90 days**

## FEATURES

- 50mw Green Laser @ 532nm, 100mw Red Laser @ 650nm
- Sound Active & Auto-Run Modes
- Infrared credit card-style remote control

## NON-INTERLOCKED HOUSING WARNING

The Pocket Nebula contains high power laser devices internally. Do not open the laser housing, due to the potential exposure to unsafe levels of laser radiation. The laser power levels, if the unit is opened, can cause instant blindness, skin burns and fires.

### STOP AND READ ALL LASER SAFETY DATA OPERATION INSTRUCTIONS AND LASER SAFETY - SERIOUSLY. WE MEAN IT!

The light source emitted from this product can potentially cause eye injury if not set up and used properly. The light source emitted from a laser is very different from any other light sources with which you may be aware. Laser light is thousands of times more concentrated than any light from any other kind of light source. This concentration of light can cause **instant** eye injuries, primarily by burning the retina. Even if you cannot feel "heat" from a laser beam, it can still injure or blind you or your audience. Even very small amounts of laser beam light are potentially hazardous even at long distances. Laser eye injuries can happen faster than the blink of an eye, literally.

Just that because this laser splits the laser beam into hundreds of beams and that the laser beam is scanned out in high speed, **THAT DOES NOT MEAN THAT AN INDIVIDUAL BEAM IS SAFE FOR HUMAN EXPOSURE!** This laser uses dozens of milliwatts of laser power (Class 3B levels internally) before it splits into multiple beams (Class 3R levels). Many of the individual beams are potentially hazardous to the eyes.

Do not think that because the laser light is moving, it is safe. This is not true. Eye injuries can occur instantly, so it is critical to prevent even the smallest possibility of any direct eye exposure. **It is not legal to aim Class 3R lasers in areas which people may be exposed. This is true even if it is aimed below people's faces, such as on a dance floor.**

**Do not operate the laser without first reading and understanding all safety and technical data in this manual.**

# POCKET QUASAR™



# blizzard LIGHTING

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## GETTING STARTED

### What's In The Box?

- 1 x Pocket Quasar™ Green + Red Mini Laser
- A Mounting Bracket & Knobs
- A Cool Remote Control (don't get it lost in your couch cushions)
- An AC power adaptor

### Getting It Out Of The Box

Nice work on picking the Pocket Quasar™ Mini Laser! Now that you've got your Pocket Quasar™, you should carefully unpack the box and check the contents to ensure that all parts are present and in good condition. If anything looks as if it has been damaged in transit, notify the shipper immediately and keep the packing material for inspection. Again, please save the carton and all packing materials. If a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

### Powering Up!

All fixtures must be powered directly off a switched circuit and **cannot be run off a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel is used solely for a 0% to 100% switch.**

### Getting A Hold Of Us

**If something is wrong, just give us a call or send an email. We'll be happy to help, honest.**

Blizzard Lighting - W220 N1531 Jericho Ct. Suite E, Waukesha, WI 53186  
support@blizzardlighting.com - www.blizzardlighting.com  
866.493.6025 | 414.395.8365 | FAX: 866.870.0031

**Please carefully read and understand the instructions in this manual thoroughly before attempting to operate this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.**

### IMPORTANT!

**When installing this projector, make sure that it is mounted in a manner that prevents the audience from looking directly into the beam, and the beam from striking the audience.**

## LASER SAFETY REQUIREMENTS

Lasers are one of the coolest effects available, and when they are used appropriately, they will be fun, legal and harmless. To make sure that is the case...

- Always set up and install all laser effects so that all laser light is at least 3 meters (9.8 feet) above the floor on which people can stand.
- After setting up, and before public use, test laser to ensure proper function. Do not use if any defect is detected. Do not use if laser emits only one or two laser beams rather than dozens/hundreds, as this could indicate damage to the diffraction grating optic, and could allow emission of higher laser levels above Class 3R.
- **NEVER** point lasers at people or animals. Never look into the laser aperture or laser beams.
- **NEVER** point lasers in areas in which people can potentially get exposed, such as uncontrolled balconies, etc.
- **NEVER** point lasers at highly reflective surfaces, such as windows, mirrors and shiny metal. Even laser reflections can be hazardous.
- **NEVER** point a laser at aircraft, **this is a federal offense!**
- **NEVER** point un-terminated laser beams into the sky.
- **NEVER** expose the output optic (aperture) to cleaning chemicals.
- **NEVER** use laser if the laser appears to emit only one or two beams.
- **NEVER** use the laser if the housing is damaged, the housing is open, or if the optics appear damaged in any way.
- **NEVER** open the laser housing. The high laser power levels inside of the protective housing can start fires, burn skin and will cause instant eye injury.
- **NEVER** leave this device running unattended.

The operation of a class 3R laser show is only allowed if the show is controlled by a skilled and well-trained operator, familiar with the data from this manual. The legal requirements for using laser entertainment products vary from country to country. The user is responsible for the legal requirements at the location/country of use.

## LASER SAFETY LABEL REPRODUCTION

Bottom



Top/Front



## FEATURES



**Program 1-9:** Displays different static/moving programs

## TROUBLESHOOTING

### No light output from the unit:

1. Be sure you have connected your unit into a standard wall outlet.
2. Be sure that the unit is not in blackout mode.

### Unit does not respond to sound

1. Low frequencies (bass) should cause the unit to react to sound. Tapping on the microphone and/or quiet or high pitched sounds may not activate the unit.
2. Adjust the sound sensitivity knob located at the rear of the unit.

## SPECIFICATIONS

<b>Model:</b>	Pocket Quasar™
<b>Voltage:</b>	100~240V, 50/60Hz 12VDC Adaptor, 500mA
<b>Power Cons.:</b>	7W
<b>Lasers:</b>	50mW Green Diode 100mW Red Diode
<b>Projection Angle:</b>	70 Degrees
<b>Dimensions:</b>	2"(L) x 4.75"(W) x 3.5"(H) 50mm x 120mm x 90mm Green & Red Laser
<b>Colors:</b>	1 Lbs. / .6 kgs.
<b>Weight:</b>	None
<b>Duty Cycle:</b>	Yes
<b>Sound Active:</b>	Any Safe, Secure Position
<b>Working Position:</b>	2 Years
<b>Warranty:</b>	

*Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.*