

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

LIGHTCASTER™
WIRELESS DMX SYSTEM



blizzard
LIGHTING

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www.blizzardlighting.com

GETTING STARTED

What's In The Box?

- 1 x LightCaster™ Wireless DMX Transceiver
- 1 x Antenna
- An AC power adaptor (12VDC, 500ma)

Getting It Out Of The Box

The LightCaster Wireless DMX Transceiver is a teeny-tiny, really powerful, really useful tool for decableifying your existence. Just think, no more becoming wrapped from head to toe in DMX cables and struggling to escape for hours on end. Whew! Well, now that you've got your LightCaster™, 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 - PO Box 1874, Brookfield, WI 53008 USA
support@blizzardlighting.com - www.blizzardlighting.com
866.493.6025 | 414.979.5781 | 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.

FEATURES

- Transmits DMX-512 wirelessly up to 400m (Line-of-Sight)
- Ultra-stable 2.4ghz ISM operation
- Up to 16 systems may operate simultaneously
- Automatic or manual channel selection
- 4 User-selectable transmission levels
- Easy to read LCD display
- Really, extremely simple operation.
- FCC Compliant

SAFETY INSTRUCTIONS

- Please keep this User Manual for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- Always make sure that you are connecting to the proper voltage, and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture.
- This product is intended for indoor use only!
- To prevent risk of fire or shock, do not expose fixture to rain or moisture.
- Maximum ambient temperature is 104°F (40°C). Do not operate fixture at higher temperatures.
- In the event of a serious operating problem, stop using the unit.
- Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction.
- Never connect the device to a dimmer pack.
- Make sure the power cord is never crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.

Maximum recommended serial data link distance: 400 meters (1640 ft.)

Maximum recommended number of fixtures on a serial data link: 32 fixtures

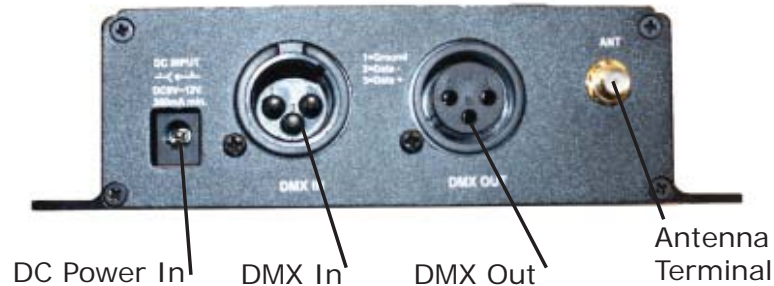
CAUTION! There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself.

PRETTY PICTURES FOR YOU TO LOOK AT...

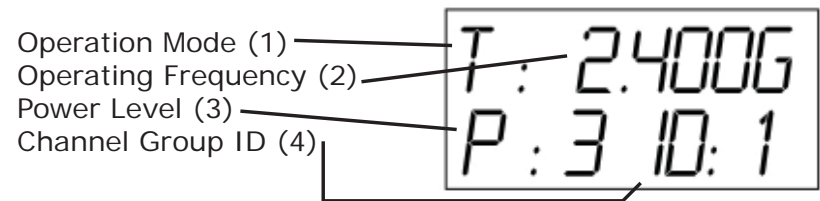
FRONT



BACK



OPERATION



The LCD display onboard the LightCaster Wireless DMX transceiver gives you all pertinent information about the unit's operating mode. **Below, each symbol is described:**

1.) Operation Mode: Gives the mode of the unit, either Transmitter ("T"), Receiver ("R"), or Searching ("-").

2.) Operating Frequency: Displays the current operating frequency while the unit is in Transmitter or Receiver Mode. While in Searching mode, the unit will display the current frequency being scanned.

3.) Transmission Power Level: Displays the current transmission power (applicable for Transmitter Mode Only):

- "0" = 2dBm (Lowest)
- "1" = 8dBm
- "2" = 14 dBm
- "3" = 20 dBm (Highest)

To change the transmission power level, use the "PA" button located on the front panel.

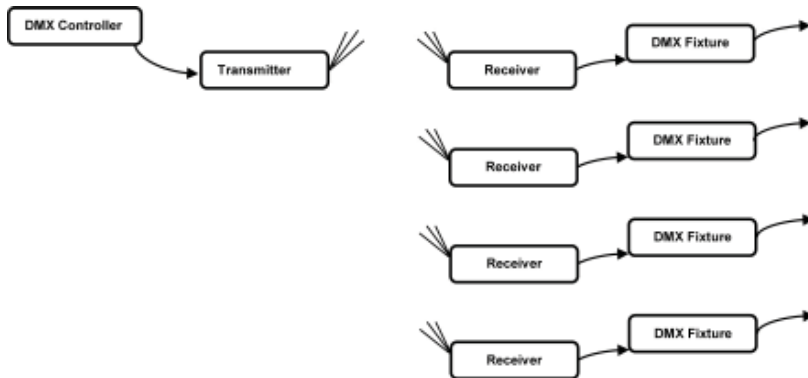
4.) Channel Group ID: Displays the current channel group (0-9, A-F). In auto mode, the transmitting unit will autoselect the clearest channel group. When a receiving unit in a single-group setup is powered on, it will automatically sync to the transmitter. In multiple transmitter/receiver setups, manual configuration may be required.

To manually configure the channel group ID, use the "ID" button on the front panel. Set each transmitter/receiver group to the same group ID to ensure correct operation.

POSSIBLE CONFIGURATIONS

The diagrams below show possible configurations. Multiple receivers may be used in any possible configuration.

OPTION 1. A transmitter is connected to the output of the controller, and a receiver is connected at the input of the first DMX fixture.



OPTION 2. A transmitter is connected to the output of a DMX fixture, and a receiver is connected to the input of the next DMX fixture.



SPECIFICATIONS

Model:	LightCaster
Voltage:	12VDC, 500ma 100~240V, 50/60Hz
Operating Band:	2.4Ghz ISM
Max Operating Range:	400 Meters (Line of Sight)
Max Transmission Power:	20dBm
Receiver Sensitivity:	-94dBm
Data Input:	3-Pin Locking XLR Male
Data Output:	3-Pin Locking XLR Female
Protocol:	USITT DMX-512
Dimensions:	5.8" (L) x 2.95" (W) x 1.7" (H) 75mm x 147mm x 43mm
Weight:	.8 Lbs. / .36 kgs.
Duty Cycle:	None
Working Position:	Any Safe, Secure Position
Warranty:	2 Years

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