



# **攀blizzard**

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# 1. GETTING STARTED

## What's Included?

- 1 x G-Mix<sup>™</sup> 350
- 1 x Power Cord
- 2 x Mounting Brackets
- 1 x User Manual

## **Unpacking Instructions**

Congratulations on purchasing G-Mix<sup>™</sup> 350, professional framing spot fixture. Now that you've got your fixture, you should carefully unpack it 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 and keep any packing material for inspection. If a fixture must be returned to the factory, it is important that the fixture be returned in its original packaged condition.

## 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.

Warning! All fixtures must be connected to circuits with a suitable Ground (Earthing).

#### Getting A Hold Of Us

If something happens to go wrong, visit blizzardpro.com/support and open a support ticket. We'll be happy to help, honest.

**Disclaimer:** The information and specifications contained in this document are subject to change without notice. Blizzard Lighting™ assumes no responsibility or liability for any errors or omissions that may appear in this user manual. Blizzard Lighting™ reserves the right to update the existing document or to create a new document to correct any errors or omissions at any time. You can download the latest version of this document from www.blizzardpro.com.

Author:	Date:	Last Edited:	Date:
J. Thomas	8/29/2024	J. Thomas	4/10/2025

## Safety Instructions



Please read these instructions carefully. They include important information about the installation, usage and maintenance of this product.

- Please keep this User Guide for future use. If you sell the unit to someone else, be sure that they also receive this User Guide.
- 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.
- Make sure there are no flammable materials close to the unit while operating.
- The unit must be installed in a location with adequate ventilation, at least 20in (50cm) from adjacent surfaces. Be sure that no ventilation slots are blocked.
- ALWAYS disconnect from the power source before servicing or replacing fuse and be sure to replace with same fuse size and type.
- ALWAYS secure fixture using a safety chain. NEVER carry the fixture by its head. Use its carrying handles.
- DO NOT operate at ambient temperatures higher than 104°F (40°C).
- In the event of a serious operating problem, stop using the unit immediately. NEVER try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- 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.
- Avoid direct eye exposure to the light source while it is on.

**Caution!** With the exception of removing the covers for general maintenance and cleaning as outlined in this manual, there are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please open a support ticket at www.blizzardpro.com/support.

# 2. MEET THE G-MIX™ 350

#### Main Features

- 350W white (6500k) LED light source, 20,000 hrs.
- Rotating gobo wheel with 9 gobos +open
- Fixed gobo wheel with 10 gobos (including wave effect) +open
- CMY color mixing + 7 color filters & open (w/split colors)
- Variable CRI filter (73 ~ 91)
- Pan: 540°, Tilt: 270° (8-16 bit resolution)
- 4 user-selectable dimming speeds
- 3-40° linear motorized zoom
- · Motorized focus and frost effect
- 3/8-facet circular rotating prisms
- 0-25Hz strobe + variable, pulse, and random effects
- · Linear electronic focus
- PowerCON True1-compatible power input

#### Control:

• Protocols: DMX-512

• DMX channels: 21/23-channel modes

• 2.8" touchscreen LCD control menu w/jog wheel

· Operating modes: DMX512, master/slave, auto mode

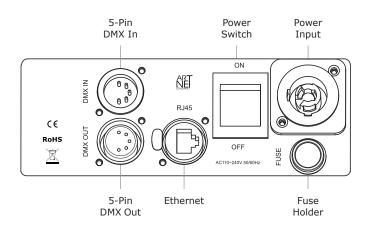
## DMX Quick Reference (21/23-Channel Modes)

21CH	23CH	What It Does		
1	1	Pan		
	2	Fine Pan (16-bit)		
2	3	Tilt		
	4	Fine Tilt (16-bit)		
3	5	Pan/Tilt Speed (fast <-> slow)		
4	6	Dimmer (0% <-> 100%)		
5	7	Strobe		
6	8	Color Wheel 1		
7	9	Color Wheel 2		
8	10	СТО		
9	11	Cyan		
10	12	Magenta		
11	13	Yellow		
12	14	Gobo Wheel #1 (Static)		
13	15	Gobo Wheel #2 (Rotating)		
14	16	Gobo Rotation		
15	17	Prism Select		
16	18	Prism 1 Rotation		
17	19	Prism 2 Rotation		
18	20	Frost		
19	21	Zoom (wide <-> narrow)		
20	22	Focus		
21	23	Reset Functions		

# G-Mix™ 350 Pin-Up Picture



#### The Rear Connections



# 3. SETUP



Before replacing a fuse, disconnect the power cord. ALWAYS replace with the same type and rating of fuse.

## **Fuse Replacement**

Remove the fuse holder from of its housing. Then take out the damaged fuse from its holder and replace with exact same type of fuse. Reattach the fuse holder, and then reconnect power.

## Connecting A Bunch of G-Mix 350's

This fixture can receive DMX or Art-Net signals. It is equipped with 5-pin DMX input/output, and RJ45 input/output connections.

#### **DMX Connection**

To link fixtures together via DMX, you'll need data cables. You should use data-grade cables that can carry a high quality signal and are less prone to electromagnetic interference.

Connect your controller to the DMX input of the first fixture, and then the DMX output of the first fixture to the DMX input of the next in line. Continue to connect the outputs to the inputs of any following fixtures until all are connected together. Up to 32 fixtures, or 1,000 feet of total cable length (whichever comes first) can be connected.

Note: We recommended the use of a DMX terminator on the last fixture.

## **Art-Net™ Connection**

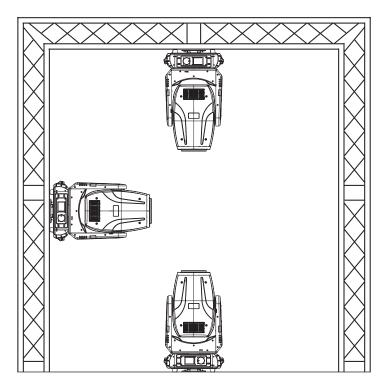
This fixture is equipped an RJ45 socket designed exclusively for Ethernet input connection. To link secondary fixtures, use the standard DMX in/out connections following the normal DMX daisy chaining procedure.

Art-Net<sup>™</sup> communication protocol is a 10 Base T Ethernet protocol based on the TCP/IP. Its purpose is to allow transfer of large amounts of DMX-512 data over a wide area using standard network technology.

To configure the network settings for use with Art-Net<sup>™</sup>, first set the fixture to Art-Net<sup>™</sup> mode: Control Settings > Signal > Artnet. Then, from the home screen press the large DMX channel display window to view the options.

# **Mounting Points**

Overhead mounting requires extensive experience, which includes calculating working load limits, knowledge of the installation material being used, and periodic safety inspection of all installation material and the fixture. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.



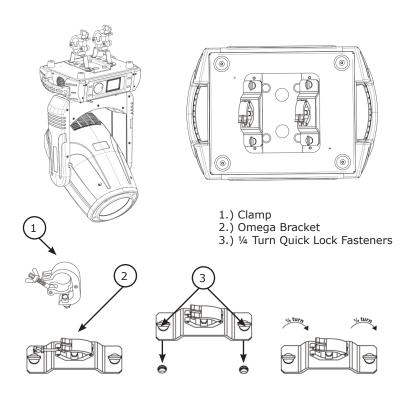
#### Caution!

Please be aware, you should have a qualified electrician performing all of your electrical connection needs.

Be sure to complete all rigging and installation procedures before connecting the main power cord to the appropriate wall outlet.

## Clamp Mounting

This fixture provides a mounting bracket assembly that secures the bottom of the base, the "Omega Brackets," and the safety cable rigging point together. When mounting this fixture to truss, be sure to secure an appropriately rated clamp to the omega bracket using a screw fitted through the center hole of the "omega bracket".



## Securing the Fixture

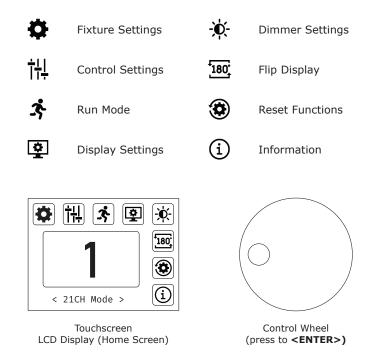
Regardless of the rigging option you choose for your fixtures, always secure your fixtures with a safety cables. Be sure to use the designated rigging point found on the underside of the base.

# 4. OPERATING ADJUSTMENTS

#### The Control Panel

All the goodies and different modes possible with this fixture are accessed by using the control panel on the front of the fixture. To navigate through the menus, use the jog wheel to scroll and press it to confirm selections. The fixture also features a touchscreen with an icon-based menu for direct menu navigation and selection.

#### **Icons**



The control panel LCD display shows the menu items you select from the menu map found on page #11. When a menu function is selected, the display will immediately show the first available option for the selected menu function.

Navigate through the menu options by rotating the control wheel, and press it to select or confirm. Be sure to save your changes. You can also use the touchscreen menu, interacting directly with the on-screen buttons for navigation and selection.

# **Control Panel Menu Structure**

Home DMX Address Set the starting DMX channel							
		Universe	Set the Universe These options become			become	
(press the large DMX channel display window for these options)		Remote IP	192.168.0.82 available only when the				
		Custom IP	fixture is set to ArtNet				
		Net Mask	255.255.255.0 Mode.				
Fixture	Pan Reverse	Off/On	Reverse pan		I .		
Settings	Tilt Reverse	Off/On	Reverse tilt				
	PT Speed	<enter></enter>	Adjust the pan/tilt speed to fast, normal, or slow				
	Opto Check	Off/On	Pan/Tilt optical sensor testing off/on				
Control	Ch. Mode	21CH	21-channel DN		,		
Settings		23CH	23-channel DN				
	Signal	DMX	DMX mode				
	Signal	ArtNet	ArtNet mode				
	Lost DMX	Hold	Holds last sign	al if lost			
	2030 51-17	Blackout	Blackout if sign				
		Manual			ıal setting if sig	nal is lost	
		riandar	Defaults to Run Mode > Manual setting if signal is lost  Note: Please restart your fixture after changing the DMX				
	DMX Output	Open/Close	Loss mode to ensure it's applied correctly.  Send DMX data received from ArtNet through XLR port				
Run Mode	Manual	1. Pan	6. Dimmer 11. Cyan 16. Gobo Rot 21. Zoom				
Kull Mode	(see DMX	2. Pan Fine	7. Strobe	12. Magenta	17. Prism	22. Focus	
	values)	3. Tilt	8. Color 1	13. Yellow	18. Prism 1 Rot	23. Motor Reset	
		4. Tilt Fine	9. Color 2	14. Static Gobo	19. Prism 2 Rot		
		5. PT Speed	10. CTO	15. Rot Gobo	20. Frost		
	Auto	<enter></enter>	Auto mode				
	Sound	<enter></enter>	Sound active mode				
Display	Brightness	1-7	LCD menu brig	htness level ac	ljustment		
Settings	Menu Sleep	On	Backlight of menu display is always on				
		1 Min	Turns backlight of menu display off after 1 minute				
		2 Min	Turns backlight of menu display off after 2 minutes				
		3 Min	Turns backlight of menu display off after 3 minutes				
	Menu Back	Off	Return to home screen is not automatic				
		1 Min	Turns backlight of menu display off after 1 minute				
		2 Min	Turns backlight of menu display off after 2 minutes				
		3 Min	Turns backlight of menu display off after 3 minutes				
	Light Flash	<enter></enter>	Menu will blink off/on without a DMX signal				
	Touch Cali	<enter></enter>	Touchscreen calibration on/off				
Dimmer Settings	Dim Mode	<enter></enter>	Set the dimming speed to standard, off, fast, or slow				
Flip Display		<enter></enter>	Rotate the disp	play by 180°			
Reset	Motor Reset	<enter></enter>	Reset all, pan/	tilt, or part mo	tors		
Functions	F+ D+	No/Yes	Restore factory default settings				
. unctions	Factory Reset	1110/163					
· unctions	Maintenance		<del> </del>	service personr			

# DMX Values In-Depth (21/23-Channel Modes)

1		23CH	Value	What It Does		
2 000 <-> 255 Fine Pan (16-bit)  2 3 000 <-> 255 Tilt  4 000 <-> 255 Fine Tilt (16-bit)  3 5 000 <-> 255 Pan/Tilt Speed (fast <-> slow)  4 6 000 <-> 255 Dimmer (0% <-> 100%)  5 7 Strobe  000 <-> 031 Open 064 <-> 095 Open 064 <-> 127 Open 192 <-> 223 Random Strobe (slow to fast) 09en 192 <-> 223 Random Strobe (slow to fast) 09en 192 <-> 223 Random Strobe (slow to fast) 09en 192 <-> 255 Open  6 8 Color Wheel 1 000 <-> 013 Open 065 <-> 089 Open / Pink (split) 070	1		<del> </del>			
2   3   000 <-> 255   Tilt		<u> </u>				
4 000 <-> 255 Fine Tilt (16-bit)  3 5 000 <-> 255 Pan/Tilt Speed (fast <-> slow)  5 000 <-> 255 Dimmer (0% <-> 100%)  Strobe  Close 032 <-> 063 Open Strobe (slow to fast) 096 <-> 127 Open 128 <-> 143 Ramp Up (slow to fast) 144 <-> 159 Ramp Down (fast to slow) 192 <-> 223 Random Strobe (slow to fast) 096 <-> 000 Open 192 <-> 223 Random Strobe (slow to fast) 096 <-> 100 Open 190 <-> 013 Open 001 <-> 013 Open 002 <-> 014 (-> 038 Open / Pink (split) 015 <-> 089 Open / Pink (split) 016 <-> 191 Orange 017 <-> 018 Orange / Cool White (split) 018 <-> 019 Orange / Cool White (split) 019 <-> 255 White (CRI boost filter) 019 <-> 255 White (CRI boost filter) 010 <-> 013 Open 014 <-> 038 Open / Red (split) 039 <-> 064 Red Red Red (split) 039 <-> 065 <-> 089 Red / Green (split) 039 <-> 064 Red / Green (split) 039 <-> 065 <-> 089 Red / Green (split) 039 <-> 064 Red / Green (split) 04 <-> 115 <-> 138 Green / UV Blue (split) 115 <-> 139 Green / UV Blue (split) 115 <-> 191 UV Blue / Yellow (split) 1192 <-> 255 Yellow				` ,		
S						
Strobe   Close   Open		-	1			
Strobe			1			
000 <-> 031			000 <-> 233			
032 <-> 063		'	000 <-> 031			
064 <-> 095						
096 <-> 127						
144 <-> 159						
160 <-> 191			128 <-> 143	Ramp Up (slow to fast)		
192 <-> 223    Random Strobe (slow to fast)			144 <-> 159	Ramp Down (fast to slow)		
Second				i ·		
Color Wheel 1				,		
000 <-> 013			224 <-> 255			
7  014 <-> 038 039 <-> 064 065 <-> 089 090 <-> 114 115 <-> 138 139 <-> 164 165 <-> 191 000 <-> 115 000 <-> 114 115 <-> 138 000 <-> 104 115 <-> 100 000 <-> 101 000 <-> 101 000 <-> 101 000 <-> 013 000 <-> 013 000 <-> 014 000 <-> 013 000 <-> 014 000 <-> 016 000 <-> 017 000 <-> 018 000 <-> 018 000 <-> 019 000 <-> 019 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000 <-> 010 000	6	8	000 4 5 013			
7  039 <-> 064   Pink   Orange (split)   Orange   Orange   Orange   Cool White (split)   Orange   Orange   Cool White (split)   Orange   O				·		
7 9 9 105 <-> 089						
7  9  090 <-> 114   Orange   Orange / Cool White (split)   115 <-> 138   Orange / Cool White (split)   139 <-> 164   Cool White / White (CRI boost filter)   192 <-> 255   White (CRI boost filter)    Color Wheel 2   000 <-> 013   Open   014 <-> 038   Open / Red (split)   039 <-> 064   Red   065 <-> 089   Red / Green (split)   090 <-> 114   Green   115 <-> 138   Green / UV Blue (split)   139 <-> 164   UV Blue   165 <-> 191   UV Blue / Yellow (split)   192 <-> 255   Yellow						
7  115 <-> 138						
7  139 <-> 164 165 <-> 191 192 <-> 255  White (CRI boost filter) White (CRI boost filter) White (CRI boost filter)  Color Wheel 2  000 <-> 013 014 <-> 038 09en / Red (split) 039 <-> 064 Red 065 <-> 089 090 <-> 114 115 <-> 138 139 <-> 164 115 <-> 138 139 <-> 164 UV Blue 165 <-> 191 UV Blue / Yellow (split) 192 <-> 255 Yellow						
7 9 192 <-> 255 White (CRI boost filter)  Color Wheel 2  000 <-> 013 Open 014 <-> 038 Open / Red (split) 039 <-> 064 Red 065 <-> 089 Red / Green (split) Green 115 <-> 138 Green / UV Blue (split) 139 <-> 164 UV Blue 165 <-> 191 UV Blue / Yellow (split) 192 <-> 255 Yellow						
7 9 000 <-> 013 014 <-> 038 039 <-> 064 065 <-> 089 090 <-> 114 115 <-> 138 139 <-> 164 165 <-> 191 192 <-> 255 Vellow  Color Wheel 2 Open Open / Red (split) Open /			165 <-> 191	Cool White / White (CRI boost filter)		
7 9 000 <-> 013			192 <-> 255	White (CRI boost filter)		
7 9 014 <-> 038 039 <-> 064 065 <-> 089 090 <-> 114 115 <-> 138 139 <-> 164 165 <-> 191 192 <-> 255 Yellow  Open / Red (split) Red Red Green (split) Green (UV Blue (split) UV Blue (split) UV Blue (split) Yellow (split)				Color Wheel 2		
7 9 039 <-> 064 Red Red / Green (split) 090 <-> 114 Green 115 <-> 138 Green / UV Blue (split) 139 <-> 164 UV Blue 165 <-> 191 UV Blue / Yellow (split) 192 <-> 255 Yellow						
7						
9						
115 <-> 138 139 <-> 164 165 <-> 191 192 <-> 255 UV Blue (split) UV Blue / Yellow (split) Yellow	7	9				
139 <-> 164 165 <-> 191 192 <-> 255 Vellow						
165 <-> 191 192 <-> 255						
192 <-> 255 Yellow						
	8	10		CTO (0% <-> 100%)		
9 11 000 <-> 255 Cyan (0% <-> 100%)	9	11	000 <-> 255			
10 12 000 <-> 255 Magenta (0% <-> 100%)	10	12	000 <-> 255	Magenta (0% <-> 100%)		
11 13 000 <-> 255 Yellow (0% <-> 100%)	11	13	000 <-> 255			
12 I4 Gobo Wheel #1 (Static)	12	14		, ,		
000 <-> 003 No function			000 <-> 003			
004 <-> 007   Gobo 1 (small reducer)			004 <-> 007			
008 <-> 012 Gobo 2 (medium reducer)						
013 <-> 016   Gobo 3 (large reducer)						
017 <-> 020   Gobo 4						
021 <-> 024   Gobo 5						
030 <-> 033   G000 7   G0b0 8						
034 < > 037   0000 0 038 <-> 041   Gobo 9						
042 <-> 072 Gobo 10 (motion effect)						
072 <-> 113 Index (counterclockwise)						
114 <-> 117   Stop						
118 <-> 159   Index (clockwise)			118 <-> 159			
160 <-> 165   Gobo 1 Shake						
166 <-> 170   Gobo 2 Shake		1	1166 / > 170	Coho 2 Chalco		

# DMX Values In-Depth (21/23-Channel Modes)

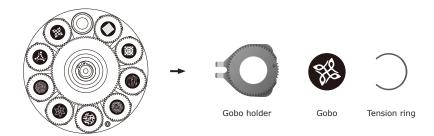
21CH	23CH	Value	What It Does
12	14		Gobo Wheel #1 (Static)
1		171 <-> 176	Gobo 3 Shake
		177 <-> 181	Gobo 4 Shake
		182 <-> 187	Gobo 5 Shake
		188 <-> 193	Gobo 6 Shake
		194 <-> 198	Gobo 7 Shake
		199 <-> 204	Gobo 8 Shake
		205 <-> 209	Gobo 9 Shake
		210 <-> 255	Gobo 10 Shake
13	15		Gobo Wheel #2 (Rotating)
			Position Mode (with incremental rotation)
		001 <-> 004	Open
		005 <-> 007	Gobo 1
		008 <-> 010	Gobo 2
		011 <-> 013	Gobo 3
		014 <-> 016	Gobo 4
		017 <-> 019	Gobo 5
		020 <-> 022	Gobo 6
		023 <-> 025	Gobo 7
		026 <-> 028	Gobo 8
		029 <-> 031	Gobo 9
			Rotation Mode (with continual rotation)
		032 <-> 034	Gobo 1
		035 <-> 037	Gobo 2
		038 <-> 040	Gobo 3
		041 <-> 043	Gobo 4
		044 <-> 046	Gobo 5
		047 <-> 049	Gobo 6
		050 <-> 052	Gobo 7
		053 <-> 055	Gobo 8
		056 <-> 059	Gobo 9
			Gobo Shake (with incremental rotation)
		060 <-> 067	Gobo 1
		068 <-> 075	Gobo 2
		076 <-> 083	Gobo 3
		084 <-> 091	Gobo 4
		092 <-> 099	Gobo 5
		100 <-> 107	Gobo 6
		108 <-> 115 116 <-> 123	Gobo 7 Gobo 8
		124 <-> 123	Gobo 9
		124 <-> 129	G000 9
			Gobo Shake (with continual rotation)
		130 <-> 137	Gobo 1
		138 <-> 145	Gobo 2
		146 <-> 153	Gobo 3
		154 <-> 161	Gobo 4
		162 <-> 169	Gobo 5
		170 <-> 177	Gobo 6
		178 <-> 185	Gobo 7
		186 <-> 193	Gobo 8
		194 <-> 199	Gobo 9
		200 <-> 227	Index (counterclockwise)
		228 <-> 229	Stop
		230 <-> 255	Index (clockwise)
	<u> </u>	1230 1 / 233	ITIGER (CIOCKWISE)

# **DMX Values In-Depth (21/23-Channel Modes)**

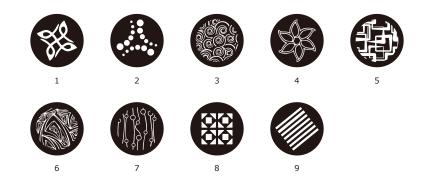
21CH	23CH	Value	What It Does
14	16		Gobo Rotation
		000	Stop
		001 <-> 127	Rotate (counterclockwise)
		128 <-> 129	Stop
		130 <-> 255	Rotate (clockwise)
15	17		Prism Select
		000 <-> 001	No function
		002 <-> 063	8-facet Prism
		064 <-> 255	3-facet Prism
16	18		Prism 1 Rotation
		000	No function
		001 <-> 127	Rotate (incremental)
		128 <-> 190	Auto rotation, counterclockwise (fast to slow)
		191 <-> 192	Stop
		193 <-> 255	Auto rotation, clockwise (slow to fast)
17	19		Prism 2 Rotation
		000	No function
		001 <-> 127	Rotate (incremental)
		128 <-> 190	Auto rotation, counterclockwise (fast to slow)
		191 <-> 192	Stop
		193 <-> 255	Auto rotation, clockwise (slow to fast)
18	20		Frost
		000 <-> 064	No function
		065 <-> 255	Frost (0% to 100%)
19	21	000 <-> 255	Zoom (wide <-> narrow)
20	22	000 <-> 255	Focus
21	23		Reset
		000 <-> 139	No function
		140 <-> 149	Pan/Tilt reset
		150 <-> 159	No function
		160 <-> 169	Step motor reset
		170 <-> 199	No function
		200 <-> 209	Reset all motors
		210 <-> 255	No function

# **Gobo Replacement**

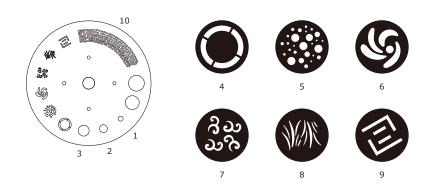
- 1. Remove the gobo cover by removing the four screws on the top of the fixture head.
- 2. Remove the slot-n-lock gobo from the wheel by lifting up slightly and sliding it out.
- 3. Using a small tool, pry the tension ring from the gobo holder.
- 4. Remove the old gobo, insert the new gobo, and replace using the reverse steps.



# **Rotating Gobos**



#### **Static Gobos**



#### **Color Wheels**

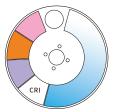
The color wheels include CMY color mixing for a wide range of color options. Additionally, there are 7 solid color filters available, which can be used individually or in split colors for more varied effects.

The color wheels also feature a CRI filter that, when activated, increases the CRI from 73 to 91, improving the light's ability to reveal colors more accurately as they appear under natural light.

Color Wheel 1

Cyan (0%-100%)

- + Filters
- 1.) Pink
- 2.) Orange 3.) Cool White
- 4.) CRI



Color Wheel 2

Magenta (0%-100%)

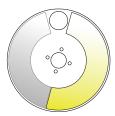
- + Filters
- 1.) Red
- 2.) Green
- 3.) UV Blue
- 4.) Yellow



Color Wheel 3

Yellow (0%-100%)

- + Filters
- 1.) CTO



# 5. APPENDIX

## Keeping Your G-Mix™ 350 As Good As New

The fixture you've received is a rugged, tough piece of pro lighting equipment, and as long as you take care of it, it will take care of you. That said, you'll need to take care of it if you want it to operate as designed. You should keep the fixture clean, especially if you are using it in an environment with a lot of dust, fog, haze, wild animals, wild teenagers or spilled drinks.

Cleaning the optics routinely with a suitable glass cleaner will greatly improve the quality of light output. Keeping the fans free of dust and debris will keep the fixture running cool and prevent damage from overheating.

Use a new microfiber rag to gently clean your lenses (paper towels and cotton towels will scratch them). To clean the fans, gently brush them with an eyelash brush and vacuum up any leftover debris - and make sure to hold the fans so they do not spin when vacuuming. \*Do not use compressed air, this will push the dirt further into your fixture.

In transit, keep your fixtures in cases. You wouldn't throw a prized guitar, drumset, or other piece of expensive gear into a gear trailer without a case, and similarly, you shouldn't even think about doing it with your shiny new fixtures.

## Returns (Gasp!)

We've taken a lot of precautions to make sure you never even have to worry about sending a defective unit back, or sending a unit in for service. But, like any complex piece of equipment designed and built by humans, once in a while, something doesn't go as planned. If you find yourself with a fixture that isn't behaving like a good little fixture should, you'll need to obtain a Return Authorization (RA).

Don't worry, this is easy. Just visit www.blizzardpro.com/support and open a support ticket, and we'll issue you an RA. Then, you'll need to send the unit to us using a trackable, pre-paid freight method. We suggest using USPS Priority or UPS. Make sure you carefully pack the fixture for transit, and whenever possible, use the original box & packing for shipping.

When returning your fixture for service, be sure to include the following:

- 1.) Your contact information (Name, Address, Phone Number, Email address).
- 2.) The RA# issued to you
- 3.) A brief description of the problem/symptoms.

We will, at our discretion, repair or replace the fixture. Please remember that any shipping damage which occurs in transit to us is the customer's responsibility, so pack it well!

## **Shipping Issues**

Damage incurred in shipping is the responsibility of the shipper, and must be reported to the carrier immediately upon receipt of the items. Claims must be made within seven (7) days of receipt.

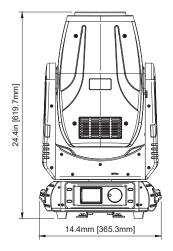
# Tech Specs!

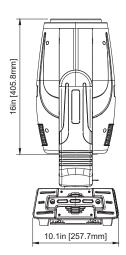
Weight & Dimension	5
Width	14.4 inches (365.3 mm)
Depth	10.1 inches (257.7 mm)
Height	24.4 inches (619.7 mm)
Weight	43.3 lbs. (19.6 kg)
Power	
Operating Voltage	110V-240VAC, 50-60Hz
Power Consumption	512W, 4.6A, PF: .99
Fuse	8A, 250V
Light Source	
LED	350W white LED light source
Color Temperature	6500K
CRI	Variable (73 ~ 91)
Optical	
Beam Angle	3°- 40° beam angle
Gobo Size	15.9mm outer, 13mm inner
Thermal	
Max. Operating Temp.	104 degrees F (40 degrees C) ambient
Movement Range	
Pan	540° (8-16 bit resolution)
Tilt	270° (8-16 bit resolution)
Control	
Protocol	USITT DMX-512, Art-Net
Modes/Personalities	21/23-channel modes
Data	5-pin XLR in/out, RJ45
Warranty	2-year limited warranty, does not cover malfunction caused by damage to LEDs.

# **Troubleshooting**

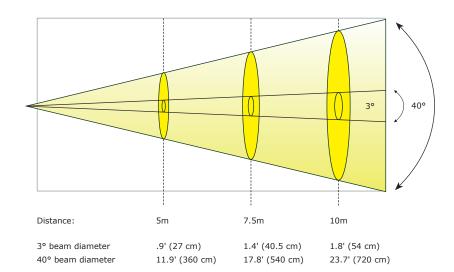
Symptom	Solution
Fixture Auto-Shut Off	Check the fan in the fixture. If it is stopped or moving slower than normal, the unit may have shut itself off due to high heat. This is to protect the fixture from overheating. Clear the fan of obstructions, or return the unit for service.
Beam is Dim	Check optical system and clean excess dust/grime.
No Power Check fuse, AC cord and circuit for malfunction.	
Blown Fuse	Check AC cord and circuit for damage, verify that moving parts are not restricted and that unit's ventilation is not obstructed
Slow Movement	Check that speed channels are set appropriately.
Fixture Not Responding / Responding Erratically	Make sure all connectors are seated properly and securely. Use Only DMX Cables. Install a Terminator. Check all cables for defects. Reset fixture(s).

# **Dimensional Drawings**





## **Photometric Data**



#### Luminous Intensity:

Beam	5m lux	5m fc	7.5m lux	7.5m fc	10m lux	10m fc
3°	62,715	5,826.4	29,481	2,738.8	17,195	1,597.4
40°	2,025	188.1	902	83.8	519	48.2



Enjoy your product!
Our sincerest thanks for your purchase!
--The team @ Blizzard Lighting