16 Watt RGBW LED Fiber Optic Illuminator
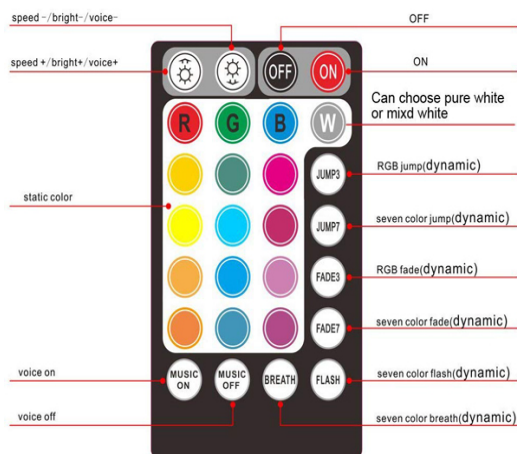
Technical Data:
Luminous Flux(lm): 500
Emitting Color: RGBW Lamp
Body Material: Aluminum Alloy
Light Source: LED
Measurements: 4.5 x 2.5 x 2.1 inches
LED power: 16W RGBW
Life of LED: 50,000 hours
Ferrule opening: 20mm
Fiber cable capacity: 400pcs*0.75mm fiber cable
Supply Voltage: 110V -240VAC.
Power Frequency: 50Hz-60Hz.

Our 16 Watt Illuminator was created to provide a powerful alternative for lighting applications where low voltage and brilliant colors are required. Control via a RF remote and includes solid color, color washing & color change effects.

Applications include:
• Ambient lighting down light applications.
• Architectural Lighting Applications: Light more than 50 ft of solid core fiber with neon like color!
• Illuminate up to 100 ft by pumping the fiber from 2 sides.
• Under Cabinet Lighting for residential and commercial uses
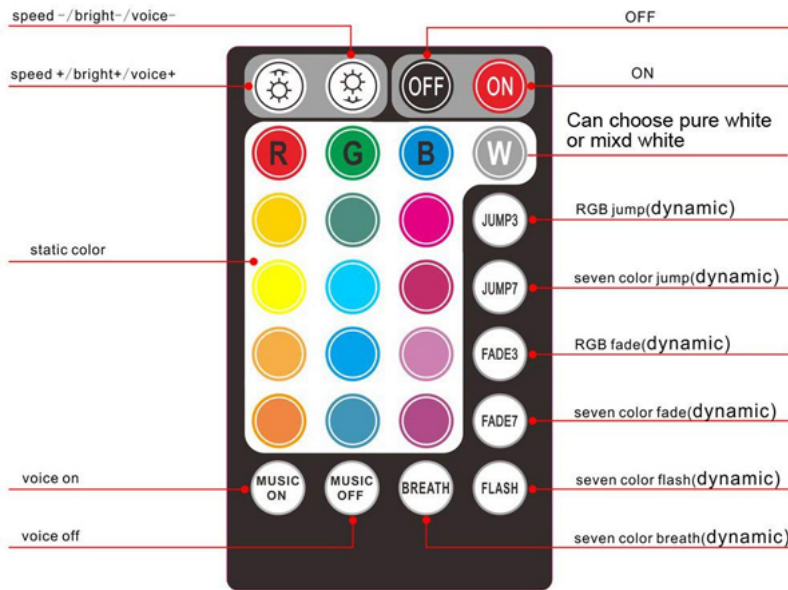• Entertainment Lighting

REMOTE PAIRING
Your remote is already paired with the illuminator from the factory. Should you need to replace the remote or if the illuminator has stopped responding to the remote, you may try to pair the remote again.

1. Turn-on the illuminator

2. On the supplied remote, press the FADE3 and FADE7 buttons at the same time.

3. The illuminator should flash WHITE, confirming the pairing is accepted.

16Watt RGBW Light Engine With Sound Activation

BUILT-IN EFFECTS USING THE REMOTE

Built-in effects can be selected by using the buttons on the remote. From these buttons you can access the 12 built-in effects.

Speed -/bright-/voice-

OFF

speed +/bright+/voice+

ON

Can choose pure white or mixd white

RGB jump(dynamic)

static color

seven color jump(dynamic)

RGB fade(dynamic)

seven color fade(dynamic)

voice on

seven color flash(dynamic)

voice off

seven color breath(dynamic)

Remote Buttons		Function details
OFF ON	OFF/ON	Turn OFF/ON the Illuminator
	Speed & Brightness Adjustment	Press this two keys to increase or decrease the brightiness in static mode or speed in dymanic mode
	Static Color Selection	Choose a static color
	DIY Brightness adjust	Press the DIY keys to address Green, Red, and Blue color brightness to choose a specific color
JUMP3	3 Color Jump	Red, Green, and Blue color jump effect
JUMP7	7 Color Jump	Red, Green, Blue, Yellow, Cyan, Purple, and White color jump effect
FADE3	3 Color Fade	Red, Green, and Blue color fade effect
FADE7	7 Color Fade	Red, Green, Blue, Yellow, Cyan, Purple, and White color fade effect
SPARK	SPARK Dynamic Mode	7 Color flash jump
WHITE	White Mode	RGB+White Effect

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NUMBER OF FIBER OPTIC CABLES THAT CAN BE INSTALLED

The Fiber Coupler Diameter is 22 mm.

PGConnector inner diameter (mm)	Fiber Diameter (mm)	Max Fiber Number
16-20	0.75	450
16-20	1	250
16-20	1.5	100
16-20	2	60