

RGB Sphere Specifications and Instructions



Also known as globes or orbs, our RGB Spheres are perfect elements to hang in the air, place in a tree, or stake into the ground!

You can run up to 25 without power injection!

FEATURES:

- Full Color-Changing, 12 Bit RGB-LEDs
- IP65 Rated for Outdoor Use
- Works in Temperatures from -15°C to 50°C
- Five Sizes Available See Below
- Needs our RGB Controller to Operate
- Compatible with our RGB Accessories
- Made of Polyethylene Material

- Include 4-Wire T-Way (Custom Hanging Lengths Available)
- Stakes and Ground Mounts Available
- White, Green and Black Wire Options
- 12 Volt DC Power
- 12 Month Warranty

SPECIFICATIONS:



Diameter	# of RGB-LEDs	Wattage	Max # on 12v/5a*
250mm • 9 7/8"	20	1.8	25
300mm • 11 3/ ₄ "	24	2.5	20
350mm •13 ³/ ₄ "	28	2.9	18
400mm • 15 3/ ₄ "	32	3.6	15
500mm • 191 ³ / ₄ "	32	3.6	15

^{*}When using 5 foot spacers between.

If using 10 foot spacers this number may decrease - test for reliability.



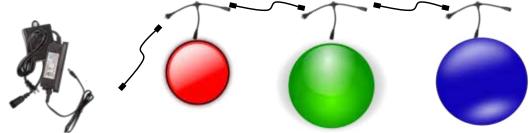
RGB SPHERES: SET OF 3

LBRGB-SPHEREMIX3

Set Includes:

- (1) 16" RGB Sphere
- (1) 14" RGB Sphere
- (1) 12" RGB Sphere
- (1) Mini Controller w/ Remote Control
- (1) 5Amp Transformer
- (3) T Connectors
- (3) 6ft Extender Cables

Wiring Diagram:



Abilities and Limitations

- Contains (22) pre-programmed effects: 13 fixed color effects and 9 custom color effects
- Save (4) preferred effects
- Ability to modify the existing fixed color sffects by speed and intensity
- Ability to modify custom color effects up to 3 colors with speed and intensity
- Ability to control up to 500 individual bulbs with the same controller with the correct power injection

Saving an Effect to Favorites

Scroll through all of the effects, once you find an effect that you like and have modified the color, speed, and/or intensity, you can save the setting on one of the four favorite effect buttons by:

- 1. Pressing and holding E1, E2, E3, or E4 until the lights flash once
 - To go back to any effect saved on favorites, press one of the buttons once (do not hold the button)

Making a Color Selection

- Individually press and hold C1, C2 or C3 to set your desired color from the color wheel
- 2. Release the button when the desired color appears
- You can turn off a second or third color by releasing the button once the bulb turns off
- 4. Once colors are chosen it is recommended to press and hold E1 to save the effect and colors





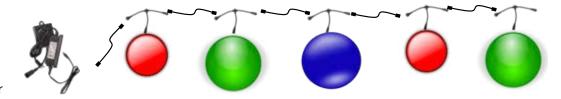
RGB SPHERES: SET OF 5

LBRGB-SPHEREMIX5

Wiring Diagram:

Set Includes:

- (1) 16" RGB Sphere
- (2) 14" RGB Sphere
- (2) 12" RGB Sphere
- (1) Mini Controller w/ Remote Control
- (1) 5Amp Transformer
- (5) T Connectors
- (5) 6ft Extender Cables



Abilities and Limitations

- Contains (22) pre-programmed effects: 13 fixed color effects and 9 custom color effects
- Save (4) preferred effects
- Ability to modify the existing fixed color sffects by speed and intensity
- Ability to modify custom color effects up to 3 colors with speed and intensity
- Ability to control up to 500 individual bulbs with the same controller with the correct power injection

Saving an Effect to Favorites

Scroll through all of the effects, once you find an effect that you like and have modified the color, speed, and/or intensity, you can save the setting on one of the four favorite effect buttons by:

- 1. Pressing and holding E1, E2, E3, or E4 until the lights flash once
 - To go back to any effect saved on favorites, press one of the buttons once (do not hold the button)

Making a Color Selection

- Individually press and hold C1, C2 or C3 to set your desired color from the color wheel
- 2. Release the button when the desired color appears
- 3. You can turn off a second or third color by releasing the button once the bulb turns off
- Once colors are chosen it is recommended to press and hold E1 to save the effect and colors





RGB SPHERES: SET OF 7

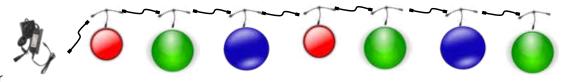
LBRGB-SPHEREMIX7

Wiring Diagram:

Set Includes:

• (2) 16" RGB Sphere

- (3) 14" RGB Sphere
- (2) 12" RGB Sphere
- (1) Mini Controller w/ Remote Control
- (1) 5Amp Transformer
- (7) T Connectors
- (7) 6ft Extender Cables



Abilities and Limitations

- Contains (22) pre-programmed effects: 13 fixed color effects and 9 custom color effects
- Save (4) preferred effects
- Ability to modify the existing fixed color sffects by speed and intensity
- Ability to modify custom color effects up to 3 colors with speed and intensity
- Ability to control up to 500 individual bulbs with the same controller with the correct power injection

Saving an Effect to Favorites

Scroll through all of the effects, once you find an effect that you like and have modified the color, speed, and/or intensity, you can save the setting on one of the four favorite effect buttons by:

- 1. Pressing and holding E1, E2, E3, or E4 until the lights flash once
 - To go back to any effect saved on favorites, press one of the buttons once (do not hold the button)

Making a Color Selection

- Individually press and hold C1, C2 or C3 to set your desired color from the color wheel
- 2. Release the button when the desired color appears
- You can turn off a second or third color by releasing the button once the bulb turns off
- 4. Once colors are chosen it is recommended to press and hold E1 to save the effect and colors





www.dekra-lite.com • 1.800.436.3627 • 3102 West Alton Avenue Santa Ana, Ca 92704

FIXED AND CUSTOM COLOR EFFECTS

Tiskad-Color' Effects Tickad-Color' Effects Tickad-Color' Effects Test Pattern Red-green-blue-white 14 Solid Color Show Mode Changes effects randomly 15 Comets Color Wheel Lights cycle across color wheel 16 Color Chaser Rainbow Wide Rainbow Wide rainbow of color 17 Minor Wide Rainbow Wilderainbow of color 18 Color Chaser Christmas Lights Colors fade in & out individually 19 Color Glow Iwo-Color Change All lights fade into new colors 20 Gradient Blend Iwo-Color Change All fernate lights change into two new 21 Iwinkle Mowing Blend Pulsing, moving bands of color 22 Flash Mowing Blend Pulsing, moving bands of color 22 Flash Expander Colors shoot from center **A bulb will flicker to show which nu Exploder Lights intensify from center **A bulb will flicker prior to display Exploder Lights intensify from center **A bulb will flicker prior to display		0 TN 10 TN 1	Effect Coorintion	4		Effect Coorintion
Fixed-Color Effects 'Exed-Color Effects Test Pattern Red-green-blue-white 14 Solid Color Show Mode Changes effects randomly 15 Comets Color Wheel Lights cycle across color wheel 16 Color Chaser Rainbow Rainbow of color 17 Mirror Wide Rainbow Wide rainbow of color 18 Color Chaser Christmas Lights Colors fade in & out individually 19 Color Waves Color Change All lights fade into new colors 20 Gradient Blend Two-Calor Change All lights change into two new 21 Iwinkle Moving Blend Pulsing, moving bands of color 22 Flash Expander Colors bounce back & forth **A bulb will flicker to show which nu Exploder Lights intensify from center **A bulb will flicker to show which nu Exploder Lights intensify from center **A bulb will flicker prior to displayer				ŧ		Elect Description
Test Pattern Red-green-blue-white 14 Solid Color Show Mode Changes effects randomly 15 Comets Color Wheel Lights cycle across color wheel 16 Color Chaser Rainbow Rainbow of color 17 Mirror Wide Rainbow Wilde rainbow of color 18 Color Glow Christmas Lights Colors fade in & out individually 19 Color Waves Color Change All lights fade into new colors 20 Gradient Blend Iwo-Color Change Alternate lights change into two new 21 Iwinkle Moving Blend Pulsing, moving bands of color 22 Flash Expander Colors bounce back & forth **A bulb will flicker to show which nu Exploder Lights intensify from center For example, the second bulb will flicker prior to displ RGB Flash Red-green-blue flasher Froe example, the sixth bulb will flicker prior to displ		'Fixed-Color' Effects			'Custom-Color' Effects	(user defines colors via remote)
Show Mode Changes effects randomly 15 Comets Color Wheel Lights cycle across color wheel 16 Color Chaser Rainbow Rainbow of color 17 Mirror Wide Rainbow Wide rainbow of color 18 Color Glow Christmas Lights Colors fade in & out individually 19 Color Waves Color Change All lights fade into new colors 20 Gradient Blend Iwo-Color Change Alternate lights change into two new 21 Iwinkle Moving Blend Pulsing, moving bands of color 22 Flash Moving Blend Colors shoot from center **A bulb will flicker to show which nu Exploder Lights intensify from center **A bulb will flicker to show which nu Exploder Lights intensify from center **A bulb will flicker prior to displant to di		Test Pattern	Red-green-blue-white	4	Solid Color	Displays the colors selected by the user (C1, C2, C3)
Color Wheel Lights cycle across color wheel 16 Color Chaser Rainbow Rainbow of color 17 Mirror Wide Rainbow Wide rainbow of color 18 Color Glow Christmas Lights Colors tade in & out individually 19 Color Waves Color Change All lights fade into new colors 20 Gradient Blend Two-Color Change All emate lights change into two new 21 Twinkle Moving Blend Pulsing, moving bands of color 22 Flash Depropose Colors bounce back & forth **A bulb will flicker to show which nu Explader Lights intensify from center For example, the second bulb will flicker prior to displant to		Show Mode	Changes effects randomly	15	Comets	Lights burst & trail off down the string
Rainbow Rainbow of color 17 Mirror Wide Rainbow Wide rainbow of color 18 Color Glow Christmas Lights Colors fade in & out individually 19 Color Waves Color Change All lights fade into new colors 20 Gradient Blend Two-Color Change Alternate lights change into two new 21 Twinkle Moving Blend Pulsing, moving bands of color 22 Flash Ping Pong Colors bounce back & forth **All effects have a 10-level speed or Exploder Colors shoot from center **Abulb will flicker to show which nu Exploder Lights intensify from center **Abulb will flicker to show which nu Red-green-blue flasher **Abulb will flicker prior to displant to disp	8	Color Wheel	Lights cycle across color wheel	16	Color Chaser	Colors move along the string
Wide Rainbow Wide rainbow of color 18 Color Glow Christmas Lights Colors fade in & out individually 19 Color Waves Color Change All lights fade into new colors 20 Gradient Blend Two-Color Change Alternate lights change into two new colors 21 Twinkle Moving Blend Pulsing, moving bands of color 22 Flash Ping Pong Colors bounce back & forth **A bulb will flicker to show which nutered to show nu	4	Rainbow	Rainbow of color	17	Mirror	End of the string reflects the beginning of the string
Colors fade in & out individually 19 Color Waves Color Change All lights fade into new colors 20 Gradient Blend Two-Color Change Alternate lights change into two new colors 21 Twinkle Moving Blend Pulsing, moving bands of color 22 Flash Ping Pong Colors bounce back & forth **A bulb will flicker to show which nu senter Explader Lights intensify from center **A bulb will flicker to show which nu senter Ping Flash Red-green-blue flasher **A bulb will flicker prior to displement to displemen	2	Wide Rainbow	Wide rainbow of color	8	Color Glow	Single color glow & fade
Color Change All lights fade into new colors 20 Gradient Blend Two-Color Change Alternate lights change into two new colors 21 Twinkle Moving Blend Pulsing, moving bands of color 22 Flash Expander Colors bounce back & forth *All effects have a 10-level speed or to show which number of the second bulb will flicker to show which number is the second bulb will flicker to show which number is the second bulb will flicker prior to displant or the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker prior to displant in the sixth bulb will flicker	9	Christmas Lights	Colors fade in & out individually	16	Color Waves	Single-color wave along string
Two-Color Change Alternate lights change into two new colors 21 Moving Blend Pulsing, moving bands of color 22 Ping Pong Colors bounce back & forth 22 Expander Colors shoot from center 22 Exploder Lights intensify from center 23 RGB Flash Red-green-blue flasher 24	7	Color Change	All lights fade into new colors	20	Gradient Blend	Fixed bulbs morph from one chosen color to the next along the string
Moving Blend Pulsing, moving bands of color D Ping Pong Colors bounce back & forth Colors shoot from center Exploder Lights intensify from center B Red-green-blue flasher	00	Two-Color Change	Alternate lights change into two new colors	21	Twinkle	Twinkling, flashing colors
Ping Pong Colors bounce back & forth Expander Colors shoot from center Exploder Lights intensify from center RGB Flash Red-green-blue flasher	6	Moving Blend	Pulsing, moving bands of color	22	Flash	Shimmering lights of color
Expander Colors shoot from center Exploder Lights intensify from center RGB Flash Red-green-blue flasher	0	Ping Pong	Colors bounce back & forth	*	All effects have a 10-level speed o	rstyle variation.
Exploder Lights intensify from center RGB Flash Red-green-blue flasher	Ξ	Expander	Colors shoot from center	*	'A bulb will flicker to show which nu	ımber effect the user has displayed.
RGB Flash Red-green-blue flasher	12	Exploder	Lights intensify from center	<u></u>	or example, the second bulb will fli	ckerbefore entering Show Mode,
	13	RGB Flash	Red-green-blue flasher		e sixth bulb will flicker prior to disp	laying Christmas Lights.