



# RGB LED ROCK LIGHT REMOTE CONTROL KIT

# SHOWCASE



## FEATURES

- **TOP QUALITY RGB LED LIGHTS** - Infinite color choices and vibrant animated light show effects!
- **MUSIC VISUALIZER EFFECTS** - Party to the beat with music-syncing light shows!
- **EFFORTLESS WIRELESS CONTROLS** - Customize light show effects YOUR way, with countless options and tuning possibilities, all at ONE TAP on the phone or the remote!
- **ULTRA-LOW POWER DRAW** - Efficient circuit design ensures low consumption and start battery compatibility
- **TOUGH AND WATERPROOF BUILD** - Robust cast aluminum housing, UV-coated polycarbonate lens. Top-tier IP68 & IP69K water proofing.
- **ELECTRICAL SAFETY** - Wide voltage tolerance between 10V and 30V; Built-in fuse in waterproof casing
- **ULTRA COMPACT LIGHT DESIGN** - Tiny footprint allows the light unit to be installed anywhere with ease and security.
- **SUPER SIMPLE INSTALLATION** - Easily followed mounting and wiring layouts.

## OPTIMAL USE CASES

- Camper vans (RVs), off-road vehicles, golf carts, etc. - Exterior, interior or underbody lighting
- Yachts, ships, hovercrafts, etc. - Exterior, interior lighting
- Machine cabins, campsites, house awnings, etc. - Exterior, interior lighting



Basic info	
Brand Name	GNSOURCE
Place of Origin	Guangdong, China
Dimensions	74mm (L) x 38mm (W) x 12mm (H) per light
Color (Housing)	Options available: Black or white

Electrical/Optical properties	
Input Voltage	10 - 30V DC
Power Consumption	See variant options
Light Source	Cree 3W SMD3535 RGB LED

Material quality	
Housing Material	ADC12 Aluminum, with powdered coating
Lens Material	UV-coated Polycarbonate
Ingress Protection Rating	IP68 & IP69K
Working Temperature	-40 °C - 145 °C
Certifications	RoHS, CE, FCC, C-Tick, CCC
Lifespan	50000 hrs
Warranty	3 yrs

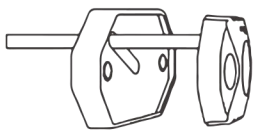
# VARIANT OPTIONS

Model	GNS-RL-RGB-4P	GNS-RL-RGB-6P	GNS-RL-RGB-8P
Qty. of light pods	4	6	8
Theoretical Power consumption	36W	54W	72W
Tested power consumption	<21W @ 30V <16W @ 12V	<21W @ 30V <16W @ 12V	<21W @ 30V <16W @ 12V
Idle power consumption	< 0.28W @ 12V < 2.28W @ 30V		

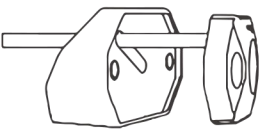
# PACKAGING AND ACCESSORIES

Dimensions	460mm (L) x 145mm (W) x 145mm (H)
Package weight	<= 3kg
Parts included	<ul style="list-style-type: none"><li>•LED RGB rock lights (pods), wires attached</li><li>•Standard silicone mounting pads (1 per light)</li><li>•Screws and/or bolts with nuts, washers (1 pair per light)</li><li>•Control box with main switch and wire splitters</li></ul>

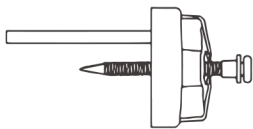
# INSTALLATION - MOUNTING



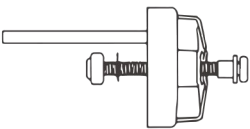
Standard silicone pad



Angled silicone pad

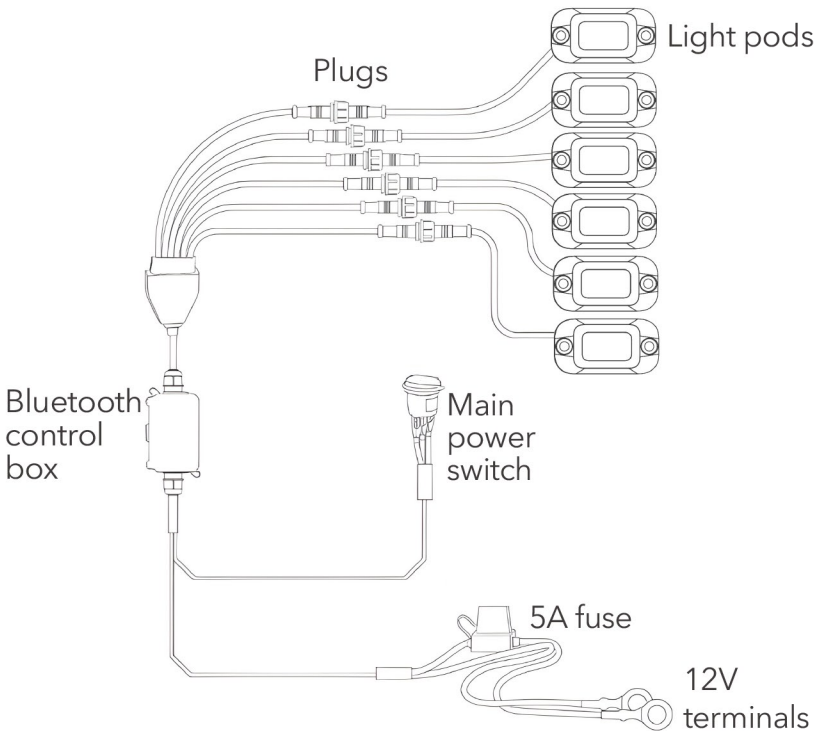


Screw mounting



Bolt mounting

# INSTALLATION - WIRING





# BLUETOOTH CONTROL APP

## HappyLighting

qh-tek

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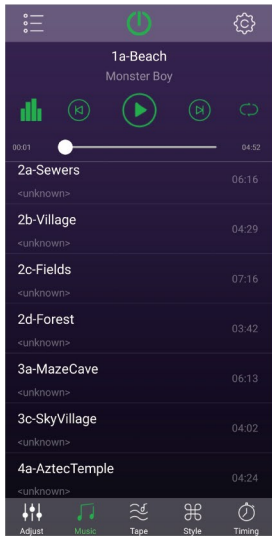
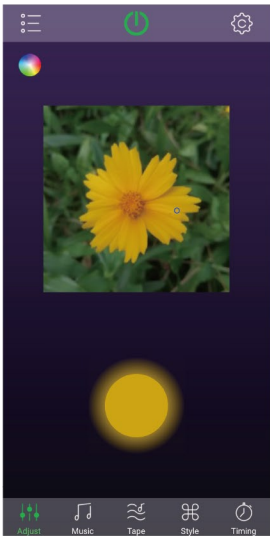
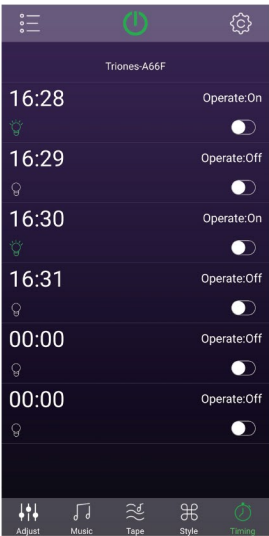
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Available for:

**Android (4.3 or later) and iOS (9.0 or later)**

Link to APK download or Google Play store available from QR code  
iOS version available from App Store



## WARNING

1. Make sure all lights are connected to the control box when first powering up. Anomaly might occur when at least one output of the control box is left disconnected.
2. Similarly, do not unplug when the control box is connected to power. Cut main power before doing any maintenance.
3. The lights must be used only for the prescribed purpose. Any uses outside those mentioned in the manual will be considered misuse. The manufacturer shall not be liable for any damage or injuries resulting from misuse. To use the lighting kit properly, please closely observe the instructions found in the manual.
4. Keep children away from electrical equipment. Make sure children are under supervision when operating the light kit.
5. Do not use any power supply that outputs any voltage outside of the lights' nominal voltage range. Over-voltage can cause irreversible circuitry damage and even fires.
6. Do not put the lights in the temperature outside of the operational range.
7. Do not clean your lights with harsh detergents. The lights are water-proof but not guaranteed to be protected against other chemicals.





Your LED lighting partner.

**Shenzhen Green New Source Lights Technology Co., Ltd.**

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MADE IN CHINA