12V RGB STRIP LIGHT MINI AMPLIFIER INSTRUCTIONS - STRP1250A-MRGBAMP

Brilliant ™
Brand Lighting

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WARNING: When using strip lighting outdoors, waterproof PVC or silicone, plus heat shrink tubing are required to seal all connections, power cords, and end caps. NOTE the use of any non-recommended sealant e.g. electrical tape, may result in a strip light or strip light accessory failure and will void the warranty.

WARNING: LED lights produce excessive heat operating while spooled. Fully unspool all LED lights before operation. Failure to do so may result in damage to the lighting and or property.

NOTE: LED lights are polarized. If they do not light up when you first plug them in, simply unplug the power cord and reinstall connection 180˚ from the original configuration, or insert the power connector in the opposite end of the lights.
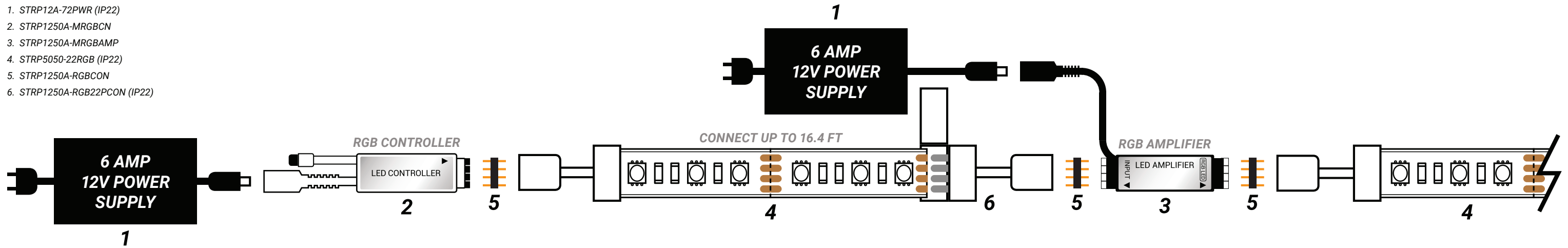
IP22 (Indoor) Wiring

Connect 6A power supply (STRP12A-72PWR) to RGB controller (STRP1250A-MRGBCN).
Connect RGB controller (STRP1250A-MRGBCN) to first run of RGB strip light (STRP5050-22RGB) using a 4-pin connector (STRP12A-RGBCON).
Connect RGB strip light (STRP5050-22RGB) to RGB amp (STRP1250A-MRGBAMP) using STRP1250A-22RGBPCON connector.
Connect RGB amp (STRP1250A-MRGBAMP) to second run of RGB strip light (STRP5050-22RGB) using a 4-pin connector (STRP12A-RGBCON).
Connect second 6A power supply (STRP12A-72PWR) to the RGB amp (STRP1250A-MRGBAMP).
Repeat as necessary for each additional spool.

Notes:
When installing 4-pin connections ensure that the arrows on each connector are aligned.

IP22 (Indoor) Parts List

1. *STRP12A-72PWR (IP22)*
2. *STRP1250A-MRGBCN*
3. *STRP1250A-MRGBAMP*
4. *STRP5050-22RGB (IP22)*
5. *STRP1250A-RGBCON*
6. *STRP1250A-RGB22PCON (IP22)*

IP65 (Outdoor) Wiring

Connect 6A power supply (STRP12A-72PWRW) to male barrel plug connector (STRP12A-MPCON).
Connect male barrel plug connector (STRP12A-MPCON) to RGB controller (STRP1250A-MRGBCN).
Connect RGB controller (STRP1250A-MRGBCN) to first run of RGB strip light (STRP5050-65RGB) using a 4-pin connector (STRP12A-RGBCON).
Connect RGB strip light (STRP5050-65RGB) to RGB amp (STRP1250A-MRGBAMP) using STRP1250A-RGBVPCON connector.
Connect RGB amp (STRP1250A-MRGBAMP) to second run of RGB strip light (STRP5050-65RGB) using a 4-pin connector (STRP12A-RGBCON).
Connect second 6A power supply (STRP12A-72PWRW) to the RGB amp (STRP1250A-MRGBAMP) using male barrel plug connector (STRP12A-MPCON).
Repeat as necessary for each additional spool.

Notes:
When installing 4-pin connections ensure that the arrows on each connector are aligned.
Outdoor installations require all connections be sealed with the 12V strip light weatherproofing kit (MISC-ODS).

IP65 (Outdoor) Parts List

1. *STRP12A-72PWRW (IP65)*
2. *STRP12A-MPCON*
3. *STRP1250A-MRGBCN*
4. *STRP1250A-MRGBAMP*
5. *STRP5050-65RGB (IP65)*
6. *STRP1250A-RGBCON*
7. *STRP1250A-RGBVPCON (IP65)*