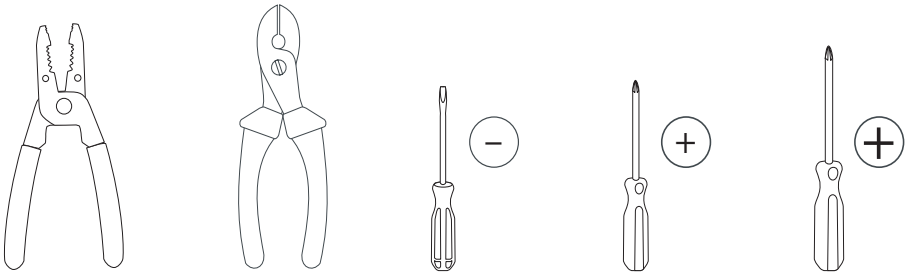
T-C-RGB180

T-C-RGBWC-RF-Color

Dimming Components

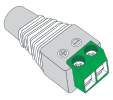
Part Number	Description and Use
T-C-RGB180	Chroma RGB Receiver. Allows you to individually control color settings and program into memory. Use with T-C-RGBWC-RF-Color.
T-C-RGBWC-RF-Color	Chroma RGB wireless wall dimmer controller. Allows you to program up to 4 color settings or color effects for 1 Zone. Use with T-C-RGB180 Receiver. Available in Almond (AL), Black (BK), Brown (BR), Gray (GR), or White (WT)

Tools Needed



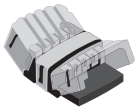
Wire Strippers | Pliers | Flat Head Screwdriver | #1 Phillips Screwdriver | #2 Phillips Screwdriver

Product Legend



Female Barrel Connector T-FBC

Wire Nuts

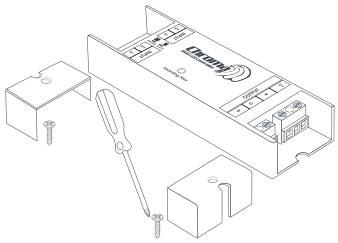


Tape to Wire Connector L-10MM-RGB-WSC

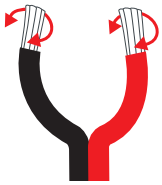
Wiring Power Supply to Receiver Guide

Option 1: Using a Plug-in Power Supply

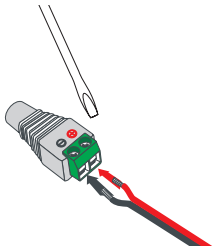
Provide an outlet for the Plug-in Power Supply



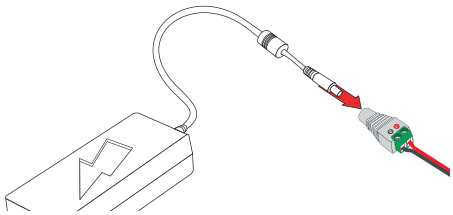
1. Remove terminal covers from each end of Receiver.



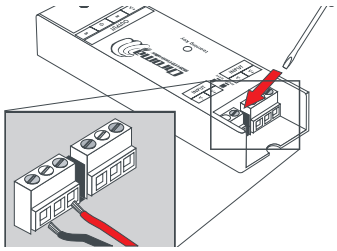
2. Cut a length of connection wire to run from the Power Supply to the Receiver location. Strip 1/4" insulation from both ends of connection wire, twist each wire, and fold in half.



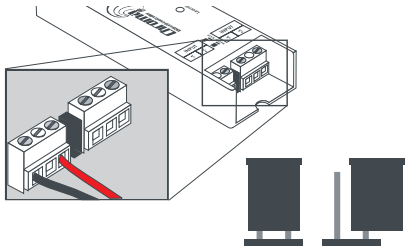
3. Loosen terminal screws on the Female Barrel Connector included with Power Supply. Insert one end of the wire into the terminals, Red to (+), Black to (-); tighten screws.



4. Insert the Male Plug on the Power Supply into the Female Barrel Connector.

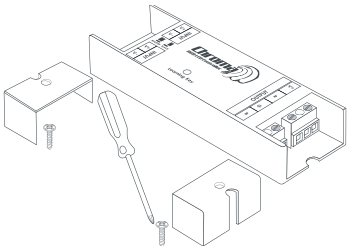


5. Loosen left side terminal screws on the INPUT side of the Receiver, insert other end of connection wire into terminals, Red to (V+), Black to (V-); tighten screws.

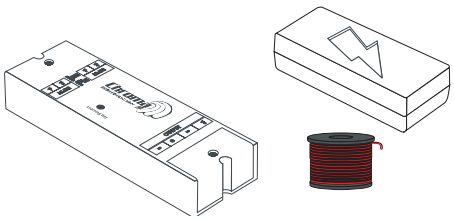


NOTE: Make sure the Black tab between terminals covers both pins for Master Receiver Setting.

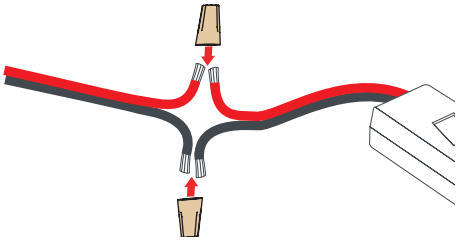
Option 2: Using a Hardwired Power Supply



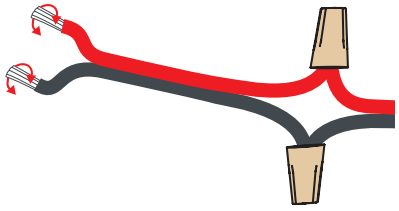
1. Remove terminal covers from each end of Receiver.



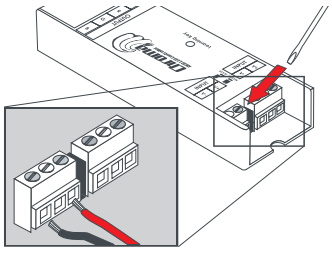
2. Cut a length of connection wire to run from the Power Supply to Receiver. (NOTE: Power Supply comes with 24" of wire – add extra wire for desired length.)



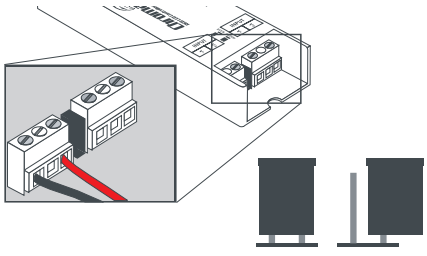
3. Strip 1/2" insulation from one end of connection wire. Use a wire nut to connect Red wires from Power Supply and connection wire together and a second wire nut to connect Black wires.



4. Strip 1/4" insulation from the other end of connection wire, twist each wire, and fold in half.



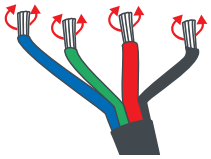
5. Loosen terminal screws on the INPUT side of Receiver, insert wires into left set of terminals, Red to (V+), Black to (V-); tighten screws.



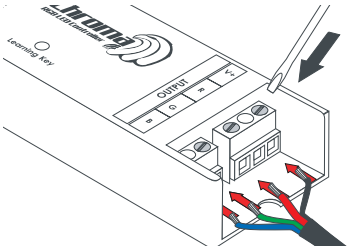
NOTE: Make sure the Black tab between terminals covers both pins for Master Receiver Setting.

Wiring Receiver to RGB Tape Light Guide

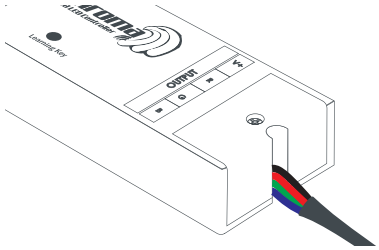
Step 1: Connect Wire to Receiver



1. Strip 1-1/2" black sheathing from RGB 4-wire Connection Wire. Strip 1/4" insulation from each of the 4 colored wires. Twist each wire and fold in half.

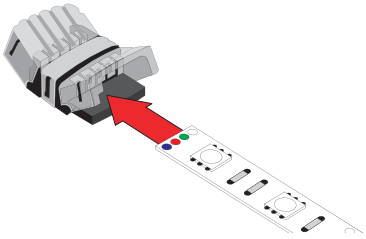


2. Loosen the 4 terminal screws on OUTPUT side of Receiver. Insert the 4 connector wires into their corresponding terminals, Blue to B, Green to G, Red to R, Black to (V+). Tighten screws.

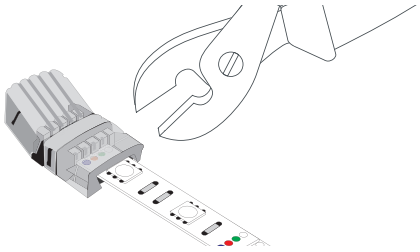


3. Replace Receiver terminal covers, making sure wires are not pinched

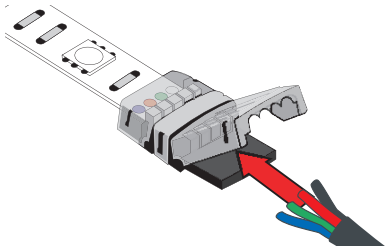
Step 2: Connect Wire to RGB Tape Light



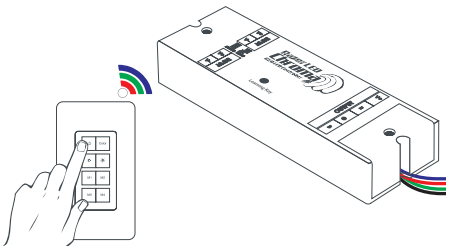
1. Peel back 1/2" of adhesive protector from back of RGB Tape Light; insert end of Tape Light all the way into short side of connector.



2. Close cap and press gently with pliers to secure connection.



3. Leaving insulation intact, insert the 4 colored RGB wires into corresponding wire channel on long side of connector. Close cap and press gently with pliers to secure connection. The connector will cut through insulation to make contact.



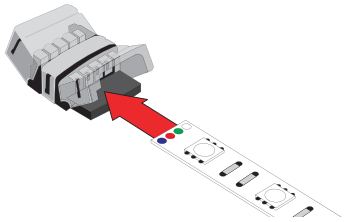
4. Turn on 120V AC to Power Supply and pair Receiver to Controller.

Using Connectors to join cut lengths of RGB Tape Light

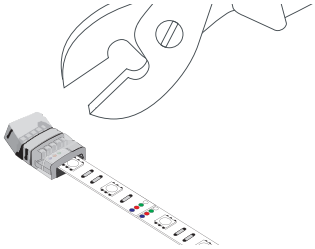
NOTE

Always cut RGB Tape Light with scissors at cut marks (located where black lines run through 4 solder points, found at 2” intervals)

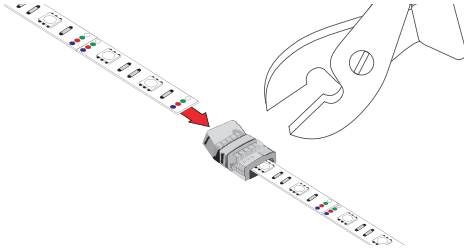
OPTION 1: Using L-10MM-RGB-SC Tape to Tape Splice Connectors



1. Peel back 1/2” of RGB Tape Light adhesive backing; insert end of RGB Tape Light section all the way into one side of connector.

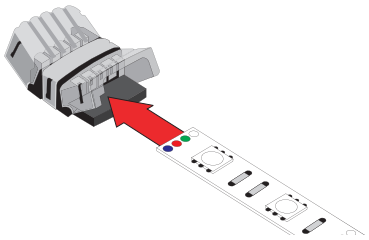


2. Close cap and press gently with pliers to secure connection.

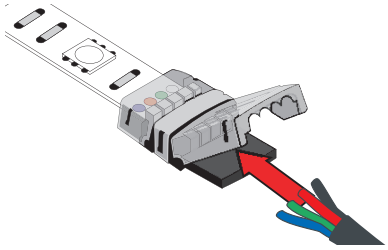


3. Repeat with second RGB Tape Light section and other side of L-10MM-RGB-SC Connector.

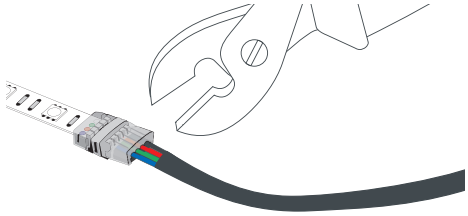
OPTION 2: Using L-10MM-RGB-WSC Tape to 4-Conductor Wire Connectors



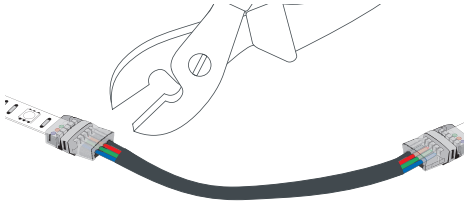
1. Peel back 1/2" of adhesive protector from back of RGB Tape Light; insert end of Tape Light all the way into short side of connector. Close cap and press gently with pliers to secure connection.



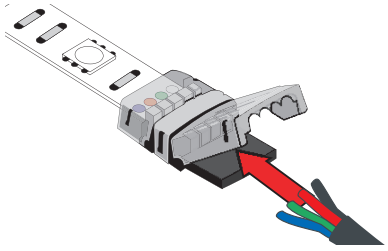
2. Leaving insulation intact, insert the 4 colored RGB wires into corresponding wire channel on long side of connector. Close cap and press gently with pliers to secure connection. The connector will cut through insulation to make contact.



3. Close cap and press gently with pliers to secure connection.

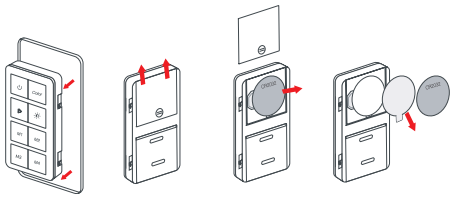


4. Repeat with the other end of wire and a second L-10MM-RGB-WSC Connector.

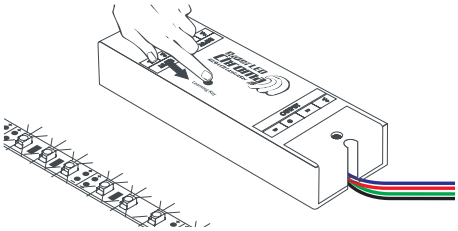


5. Peel back 1/2” of adhesive protector from back of RGB Tape Light; insert end of second Tape Light all the way into short side of second connector. Close cap and press gently with pliers to secure connection.

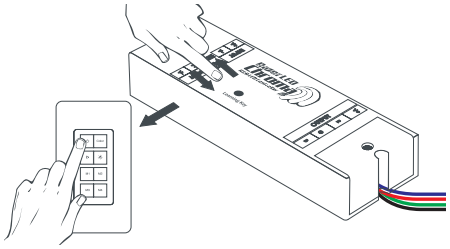
Step 2: Pairing Receiver to Controller



1. Remove Controller from back plate, slide battery compartment open, remove battery, and discard clear plastic tab. Reinsert battery, replace cover.

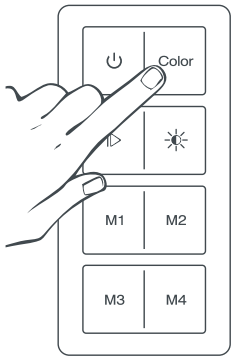


2. Clear the receiver by pressing and holding the Learning button until the lights blink twice

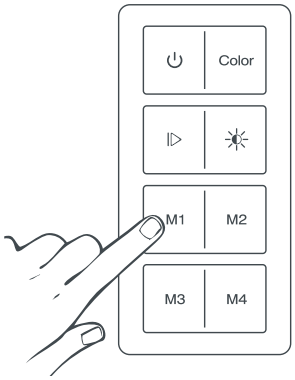


3. Quickly press and release the Learning button and, within 5 seconds, press and release one of the 4-Zone buttons on the Controller. When lights blink once, Controller and Receiver are paired.

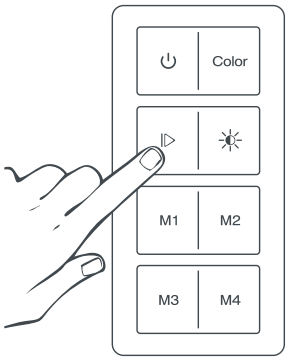
Step 2: Setting the Controller buttons



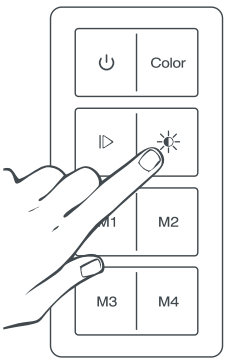
1. Press the COLOR button on the Wireless Controller to rotate through the colors, one by one. Alternatively, press and hold the COLOR button to scroll through colors. Release button when desired color is reached.



2. To save a color, press and hold the M1 button until the lights flash. Continue the same procedure with M2, M3, and M4 buttons.



3. Press the (⏯) PLAY button to set a fade mode. Press again to pause.



4. Press the BRIGHTNESS button (☼) and hold to dim or brighten the lights.