

System Parts:

(1) Dynamic RF LED Remote Control P/N: L-RGBCCT-RMT
(1) Dynamic RF LED Parent Controller P/N: L-RGBCCT1-PREC
(1) Dynamic RF LED Child Receiver (optional) P/N: L-RGBCCT1-CREC
(1) Power Supply, Class 2, 12VDC 60W max (or) 24VDC 96W max
Tresco® low voltage 12VDC or 24VDC LED RGB or CCT light(s) with Starter Cord

Instructions

FREEDiM Dynamic RF Remote Control

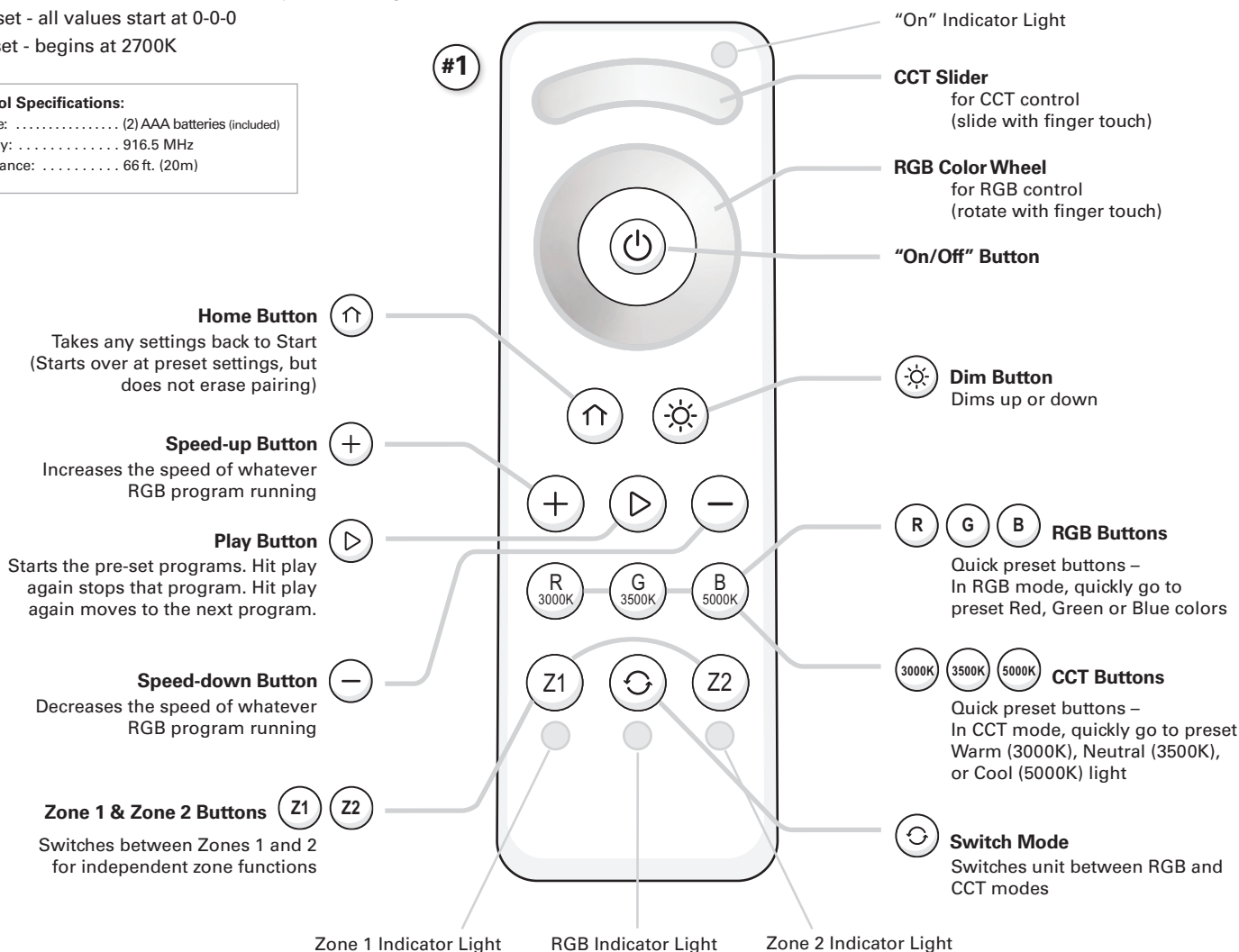
For RGB & CCT LEDs • 12VDC 60W & 24VDC 96W

The FREEDiM Remote Control starts out with preset settings:

- RGB preset - all values start at 0-0-0
- CCT preset - begins at 2700K

Remote Control Specifications:

Operating Voltage: (2) AAA batteries (included)
Radio Frequency: 916.5 MHz
RF Remote Distance: 66 ft. (20m)



RGB and CCT full-function controls:

The Tresco® FREEDiM Remote Control provides color and brightness controls for RGB or CCT (white color-tunable) lighting on Tresco® low voltage LED RGB and CCT lights. It also controls the intensity (dim levels) of the lights up to 95%. The digital screen on the FREEDiM Parent Controller displays the current mode and settings.

The wireless Remote Control must be positioned within 66 ft. (20m) of Parent Controller and any Child Receivers. Note: outside interference may affect the signal between Remote Control and Parent Controller. (see 'Signal Interference' on page 2)

RGB and CCT modes:

Prior to installation you need to select between RGB or CCT LED lights. Then after installation, you must select either RGB or CCT mode on the Parent Controller. (see the Switch Mode button above, in Fig 1)

See separate instruction sheets for further information on Tresco® low voltage LED RGB and CCT lights, FREEDiM Parent Controllers and Child Receivers, and Power Supplies.

Pairing the Remote Control to the Parent Controller

1. First install the Parent Controller with either a RGB or CCT LED light system and then turn on the Parent Controller.
2. Check the mode on the Parent Controller and select either RGB or CCT mode depending on the LED light system installed.
3. On the Remote Control hit the ON button (power icon).
 - The small indicator light in top corner is now red, indicating that the Remote Control is live and active (this light stays on for 30 sec.) (see Fig. 1 above).
4. Using the Switch Mode button (circular arrow icon), select either RGB or CCT mode. The red indicator light underneath the Switch Mode button indicates RGB mode.
5. On the Parent Controller press the Learning Key one time.
6. Next on the Remote Control press the Zone 1 button (Z1). The Zone 1 indicator light underneath is now red (see Fig. 1 above).
7. After you have hit the Zone 1 button, touch either the RGB Color Wheel or CCT Slider. Lights will flash once indicating everything is paired.

Then repeat steps if adding Zone 2 or more Parent Controllers.

Note: Each zone can control 1 Parent Controller and up to 10 Child Receivers. Each zone is independent and must be controlled separately from each other. (see more information and illustration on page 2)

(Instructions continued on page 2)

Instructions

FREEDiM Dynamic RF Remote Control

For RGB & CCT LEDs • 12VDC 60W & 24VDC 96W

Page 2

To Deprogram the Remote Control:

1. Press and hold the Learning button on the Parent Controller. This will erase all programming on the Remote Controls.
(Note: you cannot erase just one Remote Control at a time.)

Additional Information on Button Functions:

CCT Slider and RGB Color Wheel

- In CCT mode, you can quickly make adjustments with the CCT Slider on top of the unit.
- In RGB mode, you can quickly make adjustments with the large RGB Color Wheel.
- The RGB Color Wheel will not work in CCT mode, and the CCT Slider will not work in RGB mode.

To check current settings, view the Parent Controller's digital screen.

RGB and CCT Quick Preset Buttons:

The RGB/CCT Preset buttons are dual-purpose:

In RGB mode, the (3) Preset buttons quickly go to preset Red, Green or Blue colors. Then the buttons work by turning on/off R, G or B. For example, press R if you want solid red. Press R again to turn red off. If you then want a mix of red and blue, press R and B.

In CCT mode, the (3) Preset buttons quickly go to preset Warm (3000K), Neutral (3500K), or Cool (5000K) light. As in RGB mode, turn on/off the Quick Preset buttons to achieve other warm/cool lighting effects.

Zone 1 and Zone 2 Buttons

- The FREEDiM Remote Control can control up to 2 zones independently. *(also see Fig. 2 below)*
- The Remote Control cannot control both zones at once. Each zone must be controlled independently.
- The Remote Control can have one zone in RGB mode and the other zone in CCT mode to control two different Parent Controllers, but any single Parent Controller can only be in RGB or CCT mode.
- To turn off a zone press and hold either the Zone 1 or Zone 2 button.

Switch Mode Button

- When the Remote Control is in RGB mode, the small indicator light under the Switch Mode button ☉ is red *(see Fig. 1, on page 1)*.
- When in CCT mode, there is no indicator light.

10 Pre-programmed, RGB Color-Changing Modes:

Parent Controllers are pre-loaded with ten different programs to quickly change lighting specifications when needed. The ten programs are for the RGB mode only and include: RGB color mixes, flashing, fade-in/fade-out, etc. These pre-loaded programs are only accessible through the Remote Control.

To Access and Review the 10 Pre-programmed Modes:

1. On the Remote Control (in RGB mode), press the Play button (▶) once to play the first Preset Mode (see list below). Press the Play button again to stop it. Press the Play button once again to advance to the next preset mode.
2. Press the Speed-up button (+) to increase the speed of the mode (e.g. faster fade-in/fade-out).
3. Press the Speed-down button (-) to decrease the speed.

The Built-In 10 Color-changing Modes are as follows:

- Mode 1: Randomly selects any two colors of RGB mix fade-in & fade-out
- Mode 2: RGB three colors mix fade-in & fade-out
- Mode 3: RGB three colors mix fade-out & fade-in
- Mode 4: RGB flash
- Mode 5: RGB three colors fade-in & fade-out successively
- Mode 6: RGB three colors fade-in successively
- Mode 7: RGB three colors fade-out successively
- Mode 8: RGB three colors jump changing successively
- Mode 9: R&B two colors mix fade (R in B out), then G fade-in, then R&B mix fade (R out B in), then G fade-out
- Mode 10: B fade-out, then G&B mix fade (G out B in), then R&G mix fade (R out G in), then R fade-in

Signal Interference:

Outside interference may affect the signal between the Remote Control and Parent Controller or Child Receiver. Typical items that might cause interference include: metal pots and pans, leaded glass, aluminum framed doors, etc. If experiencing interference, try repositioning the Parent Controller or Child Receiver in 6" (15cm) increments. This typically allows the system to function properly.

**Save these instructions for future reference.
For technical assistance, call 1-800-227-1171**

tresco lighting

Tresco Lighting by Rev-A-Shelf

12400 Earl Jones Way
Louisville, KY 40299

Tel: 800-227-1171

Fax: 502-491-2215

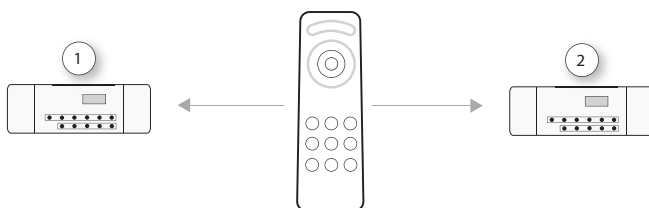
Email: cservice@trescolighting.com

Web: www.trescolighting.com

I-RGBCCTRMT-0720

CE **RoHS**
COMPLIANT

#2 Each Remote Control can control up to 2 Parent Controllers



Note: Each zone can handle 1 Parent Controller and up to 10 Child Receivers.

IMPORTANT SAFETY INSTRUCTIONS

- Use only in dry locations. Not for use where exposed to the weather.
- Replace the batteries on the Remote Control with (2) AAA batteries only (non-rechargeable).
- Clean with a damp cloth. Do not use cleaners or detergents.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.