

REMOTE CONTROL FUNCTIONS

- 1-speed up for all dynamic modes
- 2-speed down for all dynamic modes
- 3-power on
- 4-timer off
- 5-power off
- 6- timer setting for 4h
- 7- timer setting for 6h
- 8- timer setting for 8h

Color Select:

- 9-steady red color
- 10-steady green color
- 11-steady blue color
- 12-steady cool white color
- 13-steady yellow color
- 14-steady cyan color
- 15-steady purple color
- 16-steady rainbow colors

Motion Select:

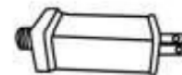
- m1-m4 cascading effects
- 17-m1 chase cascade- up/down
- 18-m2 trailing cascade- up/down
- 19-m3 stacking cascade- up/down
- 20-m4 fade in & out chase effect
- 21-m5 light stacking & building effect
- 22-m6 double chase effect
- 23-m7 two color chase
- 24-m8 cascading rainbow
- 25-26 rainbow colors only
- 25-fade: lights fade in synchronous mode
- 26-jump (7 color): lights jump in synchronous mode
- 27-asynchronous fade: fade between colors
- 28-asynchronous jump: jump between colors
- 29-auto run functions m1-m8 for each color combination and functions 25-28
- 30-32-diy: diy set up function combinations
- Auto: 12 motion effects changed automatically

DIY- Step 1 press 1 of 3 DIY buttons. Step 2 press ON button 3 times, the lights will change to steady red. Step 3 select a "color select" option next choose a "motion select" option, press ON button to set color and motion selection. Step 4 press ON button 2 times or wait 2 minutes for DIY function to save.



- a. **TIMER - NOTE:** The timer mode must be started each time the tree is plugged in, or each time power is turned off then back on to the tree. Page 6 of 7
 - To enable the timer - Press TIMER button with desired time on hours(4hr,6hr,8hr). The timer will start at the time when this button is pressed. When timer is enabled the lights on the tree will flash once and remote LED will flash for several second and fade off to indicate the timer is enabled.
 - To disable the timer - Press TIMER Off button. The lights on the tree will flash GREEN once and the LED indicator on the remote will be on steady.
- NOTE: The timer will be enabled until either the timer is disabled with the remote or power is removed from the power adaptor.

Low-voltage Adaptor Instruction Manual
These instructions are for the low-voltage transformer Model: TS-20WL24V
IMPORTANT SAFETY INSTRUCTIONS



When using electrical products, basic precautions should always be practiced including the following:

1. **READ AND FOLLOW ALL SAFETY INSTRUCTIONS.**

2. Read and follow all instructions that are on the product or provided with the product.
3. Do not use an extension cord.
4. Reference the National Electrical Code or ANSI/NFPA 70 specifically for the installation of wiring and clearances from power and lighting conductors.
5. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
6. Do not install or use within 10 feet of a pool.
7. Do not use in a bathroom.

8. **WARNING:** Risk of Electric Shock. When used outdoors, install only to a covered Class A GFCI protected receptacle that is weatherproof with the power unit connected to the receptacle. If one is not provided, contact a qualified electrician for proper installation. Ensure that the power unit and cord do not interfere with completely closing the receptacle cover.

9. **WARNING:** Risk of Fire. Installation involves special wiring methods to run wiring through a building structure. Consult a qualified electrician.

10. **WARNING:** Risk of Electric Shock. Mount the unit at a height greater than 1 foot (0.3 m) from the ground surface (when used outdoors).

SAVE THESE INSTRUCTIONS – This manual contains important safety and operating instructions for power units.

A. General Information

1. Input voltage: 120V AC/60Hz
2. Do not use this adaptor for any other product than the one it is provided with. Do not mix adaptors with different products.

B. Installation

1. This product can be installed either indoor or outdoor locations, but avoid splashing water from falling onto, or reaching the power unit. Please see the instruction manual for the product to determine if the product is only suitable for indoor use, or for indoor and outdoor use.
2. Please install the connector of end product into the output socket of adaptor following the end product instructions.
3. General information –
 - a. Damage may occur to this product if used in extreme temperatures.
 - b. Do not change the wiring on the end product.
 - c. Please use correct voltage for your product by checking the nameplate information on the adaptor.
- 4 After finishing the installation, please plug into a 120V AC/60Hz electrical outlet.

WARNING:

- When used outdoors, install only to a Class A GFCI protected receptacle where the power unit is protected from water or rain while plugged in (completely covered by the outlet box while plugged in).
- Do not use where only part of the power unit is protected from rain or water (outlet boxes where there is only a partial cover shall not be used for outdoor installations).
- Use this power unit only with the product it is intended for, and marked for use with, it is not for use with other products/items.

FCC Information

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.

Note: 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: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Remote Control:
FCC product name: RGB Remote Control
FCC mode number: GV24-RF-A
FCC ID: 2AC02-GV-RGB

Whole light set:
FCC product name: RF RGB Lights
FCC mode number: GV24-RF-RGB