

# TR31 Remote Control

## SPECIFICATION and INSTRUCTION SHEET



**DESCRIPTION:** One Ceiling Fan and Light, 6 Speed, Reversing Remote Control

**FAN MODEL USED:** See Catalog or visit our website [www.fanimation.com](http://www.fanimation.com) for more information

### How to Wire and Operate Your TR31 Remote Control

**NOTE:** If fan or supply wires are different colors than indicated, have this unit installed by a qualified electrician.

#### **WARNING**

To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring.  
**NOTE:** If you are not sure if the outlet box is grounded, contact a licensed electrician for advice, as it must be grounded for safe operation.

**1.** To make fan operational, install 23A/12V battery (included) in hand-held remote transmitter, with fan power off, arrange code switches to desired code setting. Then follow the remote code setting process. (If not used for long periods of time, remove battery to prevent damage to transmitter). Store the remote away from excessive heat or humidity (Figure 1).

**2.** Remote Code Setting Process:  
 Follow the below steps to use the SET button

- Step 1** Set code switches to desired code.  
 Turn fan power on, press and hold SET button with a ball-pen or similar object on back of remote for 5 seconds within 60 seconds of powering fan in order to synchronize with fan motor.
- Step 2** Speed setting: After setting the transmitter learning, press the highest speed setting to set the rotational speed. This can take up to 120 seconds to adjust speed.
- Step 3** Same as step 3, reverse and press the highest speed, speed rotation again can take up to 120 seconds to reach speed setting selected.

**NOTE:** If you want to change the blades: turn the power off → change the blades → turn the power on → replay the setting process.

- 3.** The remote buttons instruct as below:
- Fan speed:
 

I = minimum speed	II = low speed
III = medium low speed	IV = medium speed
V = medium high speed	VI = high speed
  - Button:  
 This button turns the fan off.
  - Reverse button (back of remote):  
 This button is to control fan direction.
  - Up Light button / Down Light button:  
 The button is to control light, Infinite light levels are available by holding the light on/off button (Figure 2).

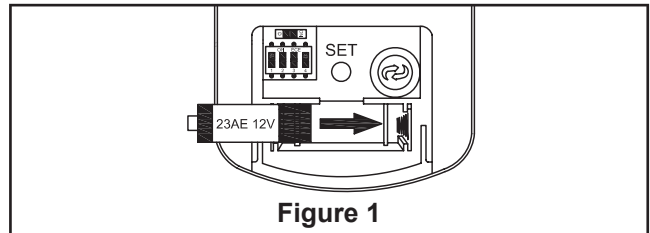


Figure 1

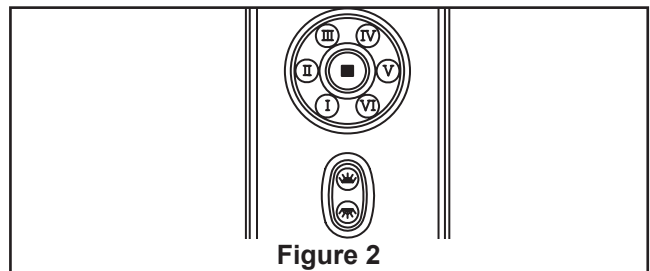


Figure 2

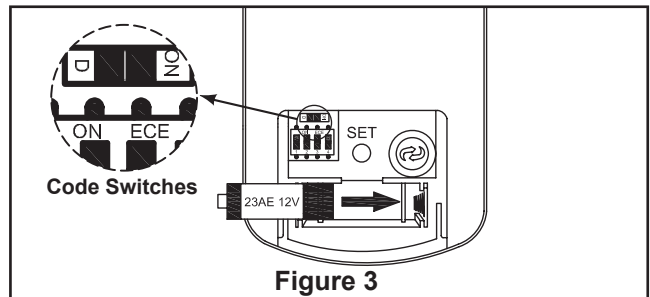


Figure 3

- 4.** “D” and “ON” dip switch:  
 The “ON” selection is the light dimmable selection and is to be used with all bulbs except bulbs other than CFL. The “D” selection is the light on only (no dimming function) and is to be used with CFL bulbs as CFL bulbs cannot be dimmed.
- The receiver provides the following protective function:
1. Lock position: The DC motor has a built-in safety against obstruction during operation. If something stuck the fan. The motor will be stopped and disconnect power after 30 seconds of interruption. Please remove obstacles before re-set.
  2. Over 80W protection: When the receiver detects motor power consumption which is greater than 80W, the receiver power will be stopped and operation will immediately discontinue. Turn the receiver power on after 5 seconds. (Figure 3)



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