

# Whole House Lighting Controller

LC7001



The LC7001 Whole House Lighting Controller works in conjunction with the Legrand Lighting Control iOS and Android apps to enable control and full time-of-day automation for all Legrand RF Lighting Control devices through smartphones and tablets. By connecting the controller to a home's network via Ethernet cable, users can then manage lighting and even set timed scenes -- such as activating exterior lights at sunset using location-based settings -- with the Legrand Lighting Control app on a network-connected mobile device. And with simple setup through easy device discovery and convenient app configuration, the LC7001 Whole House Lighting Controller is ideal for both retrofit and new home construction.

## features & benefits

- Allows for complete lighting control from iOS and Android mobile devices for optimal convenience.
- Ability to pre-schedule lighting control scenes automatically via mobile app.
- Enables control from anywhere within the home's WiFi network.
- Controls over 100 scenes and zones.
- Powered by POE or PlugIn Power Supply.
- Compatible with full range of Legrand's RF lighting control device collections: adorne, radiant, Decorator and Miro.
- Blends in easily with a sleek, compact design.

## specifications

### General Info

Color: Gloss Black  
Size: 7" x 2" x 6" with a 4" antenna  
Type: Whole-House Lighting and Event Controller  
Housing Material: High Impact Plastic, FR15U

Special Features: Radio Frequency Topdog™ RF communication protocol

### **Listing Agencies/Third Party Information**

RoHS: Yes  
FCC Standard: Yes  
UL Standard: Yes

### **Construction Information**

Material1: FR4 (PCB)

### **Dimensions**

Depth U S: 6"  
Height U S: 7"  
Width U S: 2"

### **Cord Information**

Assembly Type: Lighting Control System

### **Technical Information**

Amps: 500 mA  
Bracket Required: Yes (included)  
Compatible Power Supplies: 5 VDC 500mA VFA-0012  
External Power Input: 5 VDC 500mA VFA-0012  
Frequency: 904.836 / 910.827 / 918.845 / 922.478 / 924.848 (MHz)  
Humidity: 0~93% relative humidity, non-condensing  
Interoperability: Top Dog™ RF communication protocol  
LAN Ports: LAN Ports: Patented Top Dog™ Frequency-agile RF Wireless - 900MHz, single RJ45 Ethernet Port  
Material: High Impact Plastic  
Mounting: Desktop Unit  
Operating Temperature Celsius: 0°C to 50°C  
Operating Temperature Fahrenheit: 32°F to 122°F  
Rated Voltage: 5 VDC  
Storage Temperature: 32-122°F  
Supported Standards: FCC, RoHS  
Watts: 2.5 W  
Equipment Type: Residential  
Compatibility: Topdog™ RF  
Outputs: RF Wireless 900 MHz signal  
Power Consumption: 500 mA, 5 VDC