Warranty

Digital Security Controls Ltd. warrants that for a period of 12 months from the date of purchase, the product shall be free of defects in materials and workmanship under normal use and that in fulfillment of any breach of such warranty, Digital Security Controls Ltd. shall, at its option, repair or replace the defective equipment upon return of the equipment to its repair depot. This warranty applies only to defects in parts and workmanship and not to damage incurred in shipping or handling, or damage due to causes beyond the control of Digital Security Controls Ltd. such as lightning, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration or improper application of the equipment.

The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Digital Security Controls Ltd. Digital Security Controls Ltd. neither assumes responsibility for, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product.

In no event shall Digital Security Controls Ltd. be liable for any direct, indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the buyer in connection with the purchase, installation or operation or failure of this product.

WARNING: Digital Security Controls Ltd. recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to, but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected

IMPORTANT INFORMATION: Changes or modifications not expressly approved by Digital Security Controls Ltd. could void the user's authority to operate this equipment.

FCC Compliance Statement

CAUTION: Changes or modifications not expressly approved by Digital Security Controls Ltd. could void your authority to use this equipment.

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 on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient 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.

The user may find the following booklet prepared by the FCC useful: "How to Identify and Resolve Radio/Television Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington D. C. 20402, Stock # 004-000-00345-4.

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

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HOME SYSTEMS

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Printed in Canada 29005890 R001

HS-WS7700

CEBus® Light/Dimmer Wall Switch

Installation Instructions

Introduction

The HS-WS7700 light/dimmer wall switch is a replacement wall switch for residential 120VAC electrical service to give you complete On, Off and dimming control of any permanently installed incandescent lighting load up to 500 watts maximum. The HS-WS7700 Light/Dimmer Wall Switch is CEBus-compliant, allowing for remote control of the module using CEBus spread spectrum powerline communications protocol. The module also supports directed address acquisition for Home Plug-and-Play (HPnP) installations.

Specifications

Supply Voltage:	120VAC ± 10%, 60Hz
Output Load:	500W max incandescent lighting load
Operating Temperature:	-20°C to 40°C, non-condensing humidity
Controls:	configuration push button, service switch, ON/ OFF/dimmer rocker switch
Indicators:	1 green LED – ON/OFF, configuration
Communications:	CEBus® powerline (EIA-600), HPnP

CEBus® is a registered trademark of EIA.

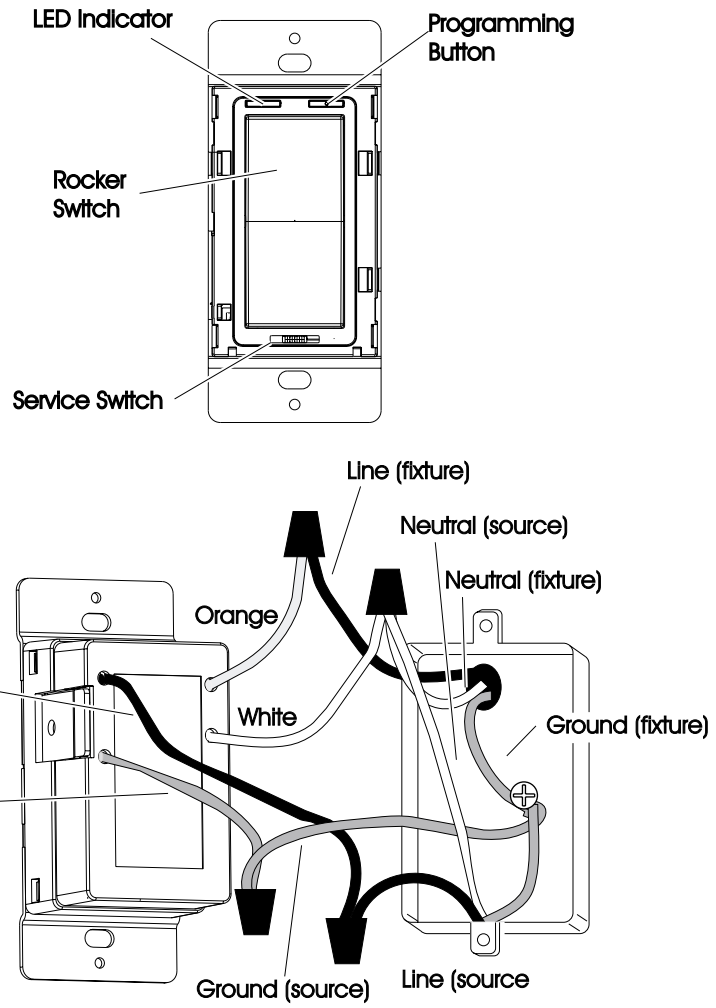
*Warning: DO NOT EXCEED THE LISTED ELECTRICAL RATINGS!

Installation Instructions (Refer to Figure 1, Installation & Wiring)

Note: *A neutral connection is required for operation of this device. Before installing, determine which lead is **Line** and which lead is **Neutral***

1. Connect the incoming AC line lead to the black lead on the HS-W7700 .
2. Connect the incoming AC neutral lead to the white lead on the HS-W7700 and to the neutral lead of the load to be controlled.
3. Connect the AC ground wire to the green lead on the HS-W7700. Wire in accordance with local regulations.
4. Connect the orange lead of the HS-W7700 to the line lead of the load to be controlled.
5. Secure HS-WS7700 to the electrical box using standard procedures in accordance with local regulations.

Figure 1 Installation & Wiring



Note:

A neutral connection is required for proper operation of this device. Before installing this device, determine which conductor is line and which conductor is neutral.

For use with copper wire only.

Local Operation

Each HS-WS7700 wall switch is independently controlled by its rocker switch as follows:

1. To turn the light on to its last light level, tap the top of the rocker switch.
2. To increase the brightness level of the light, press and hold the top of the rocker switch until the desired level is reached.
3. To increase the brightness level from its present level to full brightness instantly, tap the top of the rocker switch.
4. To turn the light off, tap the bottom of the rocker switch.
5. To reduce the brightness level of the light, press and hold the bottom of the rocker switch until the desired level is reached.

CEBus® Operation

After installation the HS-WS7700 wall switch must be configured in order to take advantage of the CEBus communication features. Once configured you will be able to program on and off times, light level (dimmer function) and three-way operation using your CEBus controller. Until configured, the LED on the module will continuously flash at a rate of one second on, one second off.

Configuration Procedure:

1. Set the CEBus controller into master mode. (See instructions included with your CEBus controller.)
2. Press the programming button for 8 seconds until the LED begins flashing rapidly.
3. Release the programming button and tap the bottom of the rocker switch. The wall switch will now communicate with the CEBus controller and acquire a unique device address.
4. When the unique device address is acquired, the configuration LED will turn off.

Configuration Reset:

1. Press the programming button for 8 seconds until the LED begins flashing rapidly.
2. Release the programming button; then press it again for an additional 8 seconds. The LED will now flash at the one second on, one second off rate indicating the device is no longer configured.

Warning:

1. To avoid the risk of electrical shock, disable the wall switch by sliding the service switch to the right before changing the light bulb controlled by the switch. Return the service switch to the normal position after changing the bulb.
2. The wire connectors provided are suitable for copper wire only. For other installations consult an electrician.

Caution: To prevent overheating and possible damage to this device and other equipment, do not use to control: a receptacle, fluorescent lighting, a motor, or transformer-operated appliance.

Caution: Dimmer switches generate heat under normal operating conditions and must be derated when multiple units are housed together. When two units are housed in the same enclosure, use no more than 400 watts load on each unit. When three or more units are housed in the same enclosure, use no more than 300 watts load on each unit.