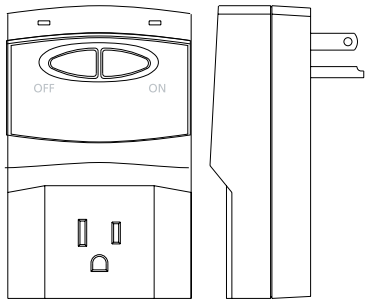
HS-AP7100

CEBus® Appliance Module

INSTALLATION INSTRUCTIONS

Introduction



The HS-AP7100 appliance module can be plugged into any standard residential 120VAC electrical outlet to provide control of appliances rated up to 1500 watts maximum or incandescent light fixtures rated up to 1000 watts maximum. The HS-AP7100 appliance module is CEBus-compliant (CEBus" is a registered trademark of EIA.), 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.

The HS-AP7100 features advanced load-sensing circuitry for manual control. The connected appliance or light fixture can be turned ON or OFF using the ON/OFF switch on the appliance or light fixture. Load sensing will also turn on power to the appliance when it detects that the appliance has been connected to the module.

CEBus® Operation

The HS-AP7100 module must be configured in order to take advantage of the CEBus communication features. Until configured, the configuration LED on the module will continuously flash at a rate of one second on, one second off.

1. Plug the HS-AP7100 into a 120VAC residential power outlet.
2. Set the CEBus controller into master mode. (See Instructions included with your CEBus controller.)
3. Press and hold both the ON and OFF button for 8 seconds. The configuration LED (on the left) will flash rapidly.
4. Release both the ON and OFF buttons.
5. Tap the OFF button; the configuration LED will flash slowly. The module will now communicate with the CEBus controller and acquire a unique device address.
6. When the unique device address is acquired, the configuration LED will turn off.
7. Program the On and Off times using your CEBus controller.

Note: *When moving the module to a new location or installation, the unit must be reset to factory defaults. To reset the unit to the factory defaults, perform steps 3 & 4 twice. The LED will flash slowly on the second iteration.*

Manual Operation

1. To turn the power to the appliance/light On, press the ON button.
2. To turn the power to the appliance/light Off, press the OFF button

Specifications

Supply Voltage: . . . . . 120VAC ± 10%, 60Hz
Output Load: . . . . . 1500W max general purpose resistive load, 1000W max incandescent lamp load
Operating Temperature: . . . . . -20°C to 40°C, non-condensing humidity
Controls: . . . . . ON/OFF buttons
Indicators: . . . . . 2 Green LEDs – ON/OFF, Configuration
Communications: . . . . . CEBus Powerline (EIA-600), HPnP
Approvals: . . . . . UL, ULC, and FCC Part 15

Caution: Do NOT exceed the electrical ratings listed here.

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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DSC® HOME SYSTEMS

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