INTRODUCTION

The Scene Controller w/IR Receiver, Cat No. NE505, allows-easy-to-use manual control of a Scene Capable LCnet Lighting Control System. The Controller is a Decora-style device that sends commands for 4 distinct scenes, or an OFF command, to LCnet compatible scene dimmers. The device provides a unique, entry pad interface with an infrared receiver for use with any standard remote control, including a compatible Leviton Remote. The NE505 is ideal for secondary entrance ways within a D3200 System.

FEATURES

- Leviton’s Decora® Style design
- IR Receiver is compatible with a standard remote control
- Each NE505 can recall 4 consecutive (1-4, 5-8, 29-32) scenes for up to 256 configurations, with additional equipment
- Low-Voltage for easy installation
- Color conversion available
- Gangable with 7 additional units for selection of up to 32 scenes
- Fits standard wall box
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- LCnet must be wired using a twisted pair for the CAN_H and CAN_L wires. Leviton recommends using CAT5 wire.
- If the device is the first or last one on the bus, the LCnet must be terminated. Use the terminating plug (included) making sure to connect shorting wire to CAN_H terminal (refer Wiring Diagrams 1 and 2).
- For more information go to www.leviton.com/D3200
- The NE505 incorporates a program mode that configures the Scene Controller to 4 selectable and consecutive scene numbers (i.e., Scene 1 through 4 or Scene 5 through 8). The NE505 has the capability to call up to 32 scenes when used with a D3206/8 device and can call as many as that unit can hold. Once programmed, pressing a scene button adjusts the lights to that scene with the active configuration. The Controller also features an OFF button and an IR Receiver which allows commands to be executed using a Leviton IR Remote, Cat. No. NE210, or any standard IR Remote Control.
- For use w/compatible Leviton LCnet products
- Scene Controller w/IR Receiver (Multi-Location)
-’an OFF button and an IR Receiver which allows commands to be executed using a Leviton IR Remote, Cat. No. NE210, or any standard IR Remote Control.
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- The Scene Controller w/IR Receiver, Cat No. NE505, allows-easy-to-use manual control of a Scene Capable LCnet Lighting Control System. The Controller is a Decora-style device that sends commands for 4 distinct scenes, or an OFF command, to LCnet compatible scene dimmers. The device provides a unique, entry pad interface with an infrared receiver for use with any standard remote control, including a compatible Leviton Remote. The NE505 is ideal for secondary entrance ways within a D3200 System.
- Scene Controller w/IR Receiver (Multi-Location)

INSTALLATION INSTRUCTIONS

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device must not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

LIMITED 5 YEAR WARRANTY AND EXCLUSIONS

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for five years from the purchase date. Leviton’s only obligation is to correct such defects by repair or replacement, at its option, if within such five year period the product is returned prepaid, with proof of purchase date, and a description of the problem to Leviton Manufacturing Co., Inc., Att: Quality Assurance Department, 59-25 Little Neck Parkway, Little Neck, New York 11362-2591. This warranty also covers defects that arise after five years from the purchase date if the product is installed improperly or in an improper environment, overloaded, mauled, opened, abused, or allowed to be used in any manner, or to not used under normal operating conditions or not in accordance with any labels or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to five years. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

INTERIOR WALL INSTALLATION

1. WARNING: TO INSTALL OR USE A SELECTOR ON AN INTERIOR WALL, TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT POWER IS OFF BEFORE WIRING!

2. Connect per appropriate WIRING DIAGRAM as follows: Insert each lead into appropriate Plug connector location by pushing firmly (refer to Wiring Diagrams 1 and 2). If using stranded wire, twist strands of each lead tightly (making sure that there are no stray strands) and push firmly into appropriate Plug connector location.

3. Tighten the screws on the Plug connector making sure that no bare conductor shows. Connect Plug connector to Jack on the back of the Controller.

4. Carefully position all wires to provide room in outlet box for Controller. Mount Controller into box with mounting screws supplied.

5. Replace wallplate as follows:
   - Remove “A” tab when using standard Decora® wallplate (refer to Figure 1).
   - Leave “A” tabs intact when using Decora® Screwless wallplate.

6. Restore power at circuit breaker or fuse. INSTALLATION IS COMPLETE.

COLOR CONVERSION PROCEDURE

The color of this device can be changed to suit your interior design requirements. Simply obtain a color conversion kit of the appropriate color from your Leviton distributor and proceed as follows (please note that wallplate must be removed).

1. Select the color of the face you desire.
2. The frame has snaps on its sides. Using a small screwdriver, gently remove the frame from the strap (refer to Figure 2).
TO OPERATE

Scenes 1-4, 5-8, ... Scene 29-32 (refer to Step 3 of Scene Programming section):

SCENE BUTTON: Press the Scene button. The lights will fade ON to the preset light level.
OFF: Press the OFF button. The lights will fade OFF.

NOTE: Each button will illuminate when pressed except when the Controller is in the Program Mode.

SCENE PROGRAMMING

1. Press and hold button 1 and 3 on the Controller for approximately 5-7 seconds. All the LED's will blink to indicate that the Controller is in Program Mode.

NOTE: Pressing any button while the LED's are flashing in the Program Mode, will exit the mode without any programming stored.

2. Call Scene from Cat. No. D3206/8 (refer to D3206/8 User Guide) or other source.

3. Once the Scene is called, the LED's will stop flashing and the device will exit Program Mode. The buttons are now programmed based on the Scene called as follows:
   - If Scenes 1-4 are called on a LCnet Scene Capable Dimmer, button 1 on the Controller is programmed for Scene 1; button 2 is Scene 2; button 3 is Scene 3; button 4 is Scene 4.
   - If Scenes 5-8 are called on a LCnet Scene Capable Dimmer, button 1 on the Controller is programmed for Scene 5; button 2 is Scene 6; button 3 is Scene 7; button 4 is Scene 8 and so on.

4. The OFF button will always be programmed as OFF.

NOTE: If there is partitioning in the application, repeat the above procedure for each configuration used.

IR PROGRAMMING

The NES50 has a Learning IR capability that allows users to select any button (command from IR Remote) to correspond with desired scene programmed and OFF:

1. Press and hold the desired Scene or OFF button on the Controller for approximately 5-7 seconds until it’s LED begins flashing. The Controller is now in the Infrared Remote Control Program Mode.

2. Press the desired button on the IR remote to correspond with the desired Controller button.

NOTE: If Remote generates only one control signal when the button is pressed and the Controller LED continues to flash, you must press the button on the IR Remote again until the flashing stops.

3. The Controller Scene button is now programmed to respond to the IR command.

4. Repeat the above procedure for each button used, including OFF.

NOTE: If in different configurations the button on the IR Remote calls a different Scene number, you must repeat the programming procedure.

TROUBLESHOOTING

- If NO LED's are lit; there is no power
  - Check wiring.
- Communication LED does NOT light when the button is pressed
  - Check power wiring connections.

For Multiple Power Packs on the Bus:

- The Controller has power (at least the OFF LED is ON) but pressing the buttons have no effect on the lights; there is no communication between the Controller and the Power Pack
  - If the communication LED does NOT flash when a button is pressed, see above.
  - If the communication LED does flash, check the address of the Power Pack and Controller (refer to Dimming Power Pack Instructions).
LEVITON INSTRUCTION SHEET/MANUAL

SPECIFICATIONS

• Artwork No/Rev Level: DI-000-NE505-00B
• Color(s): Black over ________
  1. _________ 2. _________ 3. _________ 4. _________
• Font Families: Helvetica
• Material
  Type: 50 Lb. offset
• Coating: ❑
• Paper size:
  Overall size: 14” X 8.5”
  Final fold size: 2.8” X 4.25”

DOCUMENTATION

• ECO No.: N/A
• Artist: kkc Date: 06/01/05

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