

Leviton R00-DDL06-BLM

Leviton R00-DDL06-BLM Bluetooth Dimmer/Timer Instruction Manual

Model: R00-DDL06-BLM

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Leviton R00-DDL06-BLM Bluetooth Dimmer/Timer. This device offers advanced lighting control for single-pole and 3-way applications, featuring both dimming and 24-hour timer functionalities. It is designed for local control via Bluetooth within a 30-foot range, eliminating the need for a central hub or internet connection.

2. IMPORTANT SAFETY INFORMATION

- **WARNING:** To avoid fire, shock, or death, turn off power at the circuit breaker or fuse box and test that power is off before wiring.
- This device is intended for installation in accordance with the National Electric Code and local regulations.
- Use only copper or copper-clad wire.
- Do not use with non-dimmable loads.
- Ground wire is required for installation.
- If you are unsure about any part of these instructions, consult a qualified electrician.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Leviton R00-DDL06-BLM Dimmer/Timer (White face assembled)
- Interchangeable Light Almond faceplate
- Interchangeable Ivory faceplate
- Instruction Manual



Image: The Leviton R00-DDL06-BLM dimmer module shown alongside an interchangeable light almond faceplate. The main dimmer unit has a white faceplate pre-installed.

4. SPECIFICATIONS

Model Number	R00-DDL06-BLM
Operating Voltage	120V AC, 60Hz
Load Type & Capacity	<ul style="list-style-type: none">Incandescent: 600WDimmable LED/CFL: 300W
Circuit Type	Single Pole or 3-Way
Connectivity	Bluetooth (30 ft range)
Control Method	Manual, Bluetooth App
Dimensions (L x W x H)	7.9 x 9.25 x 7.5 inches (Product)
Material	Plastic, Copper, Brass
Certifications	CSA, NOM, FCC

5. INSTALLATION AND SETUP

5.1 Wiring Instructions

Before you begin: Ensure power is OFF at the circuit breaker. A ground wire is required for proper operation.

- Turn Off Power:** Locate the circuit breaker or fuse that supplies power to the switch you are replacing and turn it OFF. Verify power is off using a voltage tester.
- Remove Existing Switch:** Carefully remove the wall plate and unscrew the existing switch from the wall box. Disconnect the wires from the old switch.
- Identify Wires:** You will typically find the following wires:
 - LINE (Hot):** Carries power from the circuit breaker.
 - LOAD:** Carries power to the light fixture.
 - GROUND:** Bare copper or green insulated wire.

- **TRAVELER (for 3-way applications):** Wires connecting two switches controlling the same light.

4. Connect Wires to Dimmer:



Image: Rear view of the Leviton R00-DDL06-BLM dimmer showing the screw terminals for wiring connections. Labels indicate load types and wiring requirements.

- **Ground Wire:** Connect the bare copper or green insulated ground wire from the wall box to the green screw terminal on the dimmer.
- **Line/Load Wires:** The dimmer has two black wires. One is for LINE, the other for LOAD. Connect one black wire from the dimmer to the LINE wire from the wall box and the other black wire from the dimmer to the LOAD wire from the wall box. If unsure, consult a qualified electrician.
- **3-Way Wiring (if applicable):** For 3-way installations, connect the traveler wire(s) to the appropriate terminals as indicated in the dimmer's specific wiring diagram (refer to the diagram provided with the physical product). The DDL06 supports multi-location control.



Image: Side view of the Leviton R00-DDL06-BLM dimmer, highlighting the robust screw terminals for secure wire connections.

- Mount Dimmer:** Carefully fold the wires into the wall box and secure the dimmer to the wall box using the provided screws.
- Install Wall Plate:** Attach the desired faceplate (white, ivory, or light almond) and then the wall plate (sold separately).

7. **Restore Power:** Turn the power back ON at the circuit breaker.

5.2 Bluetooth Pairing and App Setup

The Leviton DDL06 dimmer can be controlled via the My Leviton app on your smartphone or tablet.

1. **Download the App:** Search for "My Leviton" in your device's app store (iOS or Android) and install it.
2. **Enable Bluetooth:** Ensure Bluetooth is enabled on your smartphone or tablet.
3. **Open App and Pair:** Open the My Leviton app. Follow the on-screen instructions to add a new device. The app will guide you through the pairing process. You may need to press a button on the dimmer to initiate pairing.
4. **Device Recognition:** The dimmer has an LED locator and brightness display that will assist in confirming pairing status.
5. **Troubleshooting Pairing:** If you experience issues, ensure your device is within 30 feet of the dimmer. Some older smartphone models or specific operating system versions may have compatibility issues. Refer to the Leviton support website for the latest compatibility information.

6. OPERATION

6.1 Manual Control



Image: Front view of the Leviton R00-DDL06-BLM dimmer, showing the main rocker switch and the vertical dimming bar on the right.

- **Turn ON/OFF:** Press the top of the rocker switch to turn lights ON. Press the bottom of the rocker switch to turn lights OFF.
- **Dim/Brighten:** Use the vertical dimming bar on the right side of the switch. Slide your finger up to increase brightness and down to decrease brightness.
- **LED Locator/Brightness Display:** The small LEDs on the left side of the dimmer indicate the current brightness level and can act as a locator light in the dark.

6.2 App Control (Bluetooth)

Once paired with the My Leviton app, you can control the dimmer remotely within Bluetooth range (approximately 30 feet).

- **Remote ON/OFF:** Use the app interface to turn lights on or off.
- **Remote Dimming:** Adjust brightness levels precisely through the app.
- **Scheduling and Timer Functions:** The app allows you to set 24-hour schedules and timers for automated lighting control. Refer to the My Leviton app's help section for detailed instructions on setting up schedules.

7. MAINTENANCE

- **Cleaning:** To clean the dimmer, wipe with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **No User-Serviceable Parts:** There are no user-serviceable parts inside the dimmer. Do not attempt to open or repair the device.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn ON/OFF or dim.	<ul style="list-style-type: none"> • Power is off at the breaker. • Incorrect wiring. • Non-dimmable bulbs installed. • Loose wire connection. 	<ul style="list-style-type: none"> • Check circuit breaker and restore power. • Review wiring instructions carefully. Consult an electrician if needed. • Replace with dimmable LED/CFL or incandescent bulbs. • Ensure all wire connections are secure.
Dimmer does not pair with Bluetooth device.	<ul style="list-style-type: none"> • Device out of range. • Bluetooth not enabled on smartphone/tablet. • App not installed or updated. • Compatibility issue with smartphone/tablet. 	<ul style="list-style-type: none"> • Move device closer to the dimmer (within 30 feet). • Enable Bluetooth in your device settings. • Download/update the My Leviton app. • Check Leviton's website for device compatibility. Try pairing with a different compatible device if available.
Scheduled events or timer settings are not holding.	<ul style="list-style-type: none"> • App communication issue. • Firmware update needed. 	<ul style="list-style-type: none"> • Ensure the dimmer remains paired with the app. • Check the My Leviton app for any available firmware updates for the dimmer.


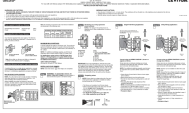
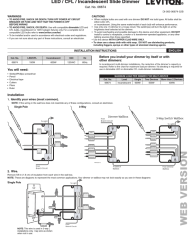
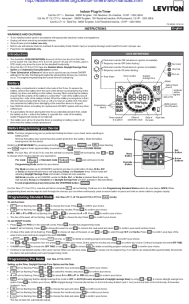
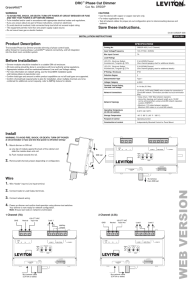
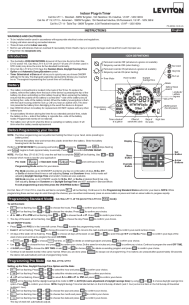
9. WARRANTY AND SUPPORT

Leviton Manufacturing Co., Inc. warrants this product to be free from defects in materials and workmanship under normal use and conditions for a specified period. For detailed warranty information, including terms and conditions, please refer to the warranty card included with your product or visit the official Leviton website.

For technical support, product inquiries, or assistance with installation, please contact Leviton Customer Service:

- **Website:** www.leviton.com
- **Phone:** Refer to the Leviton website for regional contact numbers.

Related Documents - R00-DDL06-BLM

	<p>Leviton VIZIØ6-1L Incandescent Dimmer Installation Instructions</p> <p>Comprehensive installation guide for the Leviton VIZIØ6-1L Incandescent Dimmer, covering single-pole and 3-way multi-location setups, wiring diagrams, operation, advanced programming, troubleshooting, and warranty information.</p>
	<p>Leviton IP710-LF Fluorescent and LED Fixture Slide Dimmer Installation Guide</p> <p>Comprehensive installation instructions for the Leviton IP710-LF Single Pole or 3-Way Fluorescent and LED Fixture Slide Dimmer. Learn how to safely install, wire, and operate your dimmer for 0-10V dimmable fixtures.</p>
	<p>Leviton 06674 LED/CFL/Incandescent Slide Dimmer Installation Guide</p> <p>Comprehensive installation instructions and programming guide for the Leviton 06674 Slide Dimmer, compatible with LED, CFL, and incandescent bulbs. Includes wiring diagrams, troubleshooting tips, and FCC compliance information.</p>
	<p>Leviton Indoor Plug-In Timer LT111, LT112, LT113, LT114 - User Manual and Instructions</p> <p>Comprehensive instructions and specifications for Leviton Indoor Plug-In Timers (Models LT111, LT112, LT113, LT114). Learn how to program, install, and use your timer for automated control of lighting and appliances.</p>
	<p>Leviton DRCTM Phase Cut Dimmer DRDDP Installation Instructions</p> <p>Detailed installation instructions, specifications, and configuration guide for the Leviton DRCTM Phase Cut Dimmer (Cat. No. DRDDP), featuring LumaCANTM network connectivity and GreenMAX™ integration for lighting control.</p>
	<p>Leviton Indoor Plug-In Timer Instructions & Specifications (LT111, LT112, LT113, LT114)</p> <p>Detailed instructions, programming guide, and specifications for Leviton Indoor Plug-In Timers, including models LT111, LT112, LT113, and LT114. Learn how to set schedules, use override functions, and understand features like Daylight Savings Time and Sunup/Sundown.</p>