

## Leviton 5362-SI

# Leviton 5362-SI Industrial Grade Duplex Receptacle Instruction Manual

Model: 5362-SI

## 1. INTRODUCTION

This instruction manual provides essential information for the safe installation, operation, and maintenance of your Leviton 5362-SI Industrial Heavy Duty Grade Duplex Receptacle. Please read this manual thoroughly before beginning installation or use to ensure proper function and safety.

The Leviton 5362-SI is a 20-Amp, 125 Volt, straight blade, self-grounding duplex receptacle designed for demanding industrial and commercial environments. It features a durable thermoplastic nylon body and face, and a 5-20R configuration.

## 2. IMPORTANT SAFETY INFORMATION

**WARNING: Risk of electric shock or fire. Improper installation can result in serious injury or death. Always turn off power at the circuit breaker or fuse box before installing or servicing this device. Installation should be performed by a qualified electrician in accordance with all national and local electrical codes.**

- Always disconnect power at the service panel before working with electrical wiring.
- Use only copper or copper-clad wire. Do not use aluminum wire with this device.
- Ensure all wire connections are secure and properly insulated.
- Do not exceed the specified electrical ratings of 20 Amps and 125 Volts.
- This device is intended for indoor use in dry locations unless protected by a weather-resistant enclosure.
- If you are unsure about any part of these instructions, consult a qualified electrician.

## 3. PRODUCT FEATURES

- **Impact-Resistant Thermoplastic Nylon:** Durable face and body designed for harsh environments.
- **Smooth Face:** Resists dirt accumulation for easier cleaning.
- **Large, Triple-Wipe Brass "T" Contacts:** Ensures superior contact and conductivity for reliable power.
- **Back and Side-Wiring Options:** Provides flexibility for installation.

- **Self-Grounding:** Simplifies installation by automatically grounding to a properly grounded metal wall box.
- **UL 498, CSA C22.2, NOM Approved:** Meets recognized safety and performance standards.

## 4. SPECIFICATIONS

Attribute	Value
Model Number	5362-SI (002-05362-0SI)
Type	Duplex Receptacle, Straight Blade
Current Rating	20 Amperes
Voltage Rating	125 Volts
Configuration	5-20R
Grounding	Self-Grounding
Material	Thermoplastic Nylon (Body/Face), Brass (Contacts)
Color	Ivory
Dimensions	1.09 x 1.33 x 4.06 inches
Approvals	UL 498, CSA C22.2, NOM

## 5. SETUP AND INSTALLATION

**Tools Required:** Screwdriver (Phillips and flathead), wire strippers, electrical tape, voltage tester.

**WARNING: Ensure power is OFF at the circuit breaker before proceeding.**

1. **Turn Off Power:** Locate the circuit breaker or fuse that controls the outlet you are replacing or installing. Turn it OFF. Verify power is off using a voltage tester.
2. **Remove Old Receptacle (if applicable):** Unscrew the wall plate and then the mounting screws holding the old receptacle to the electrical box. Carefully pull the old receptacle out of the box.
3. **Disconnect Wires:** Loosen the terminal screws and disconnect the wires from the old receptacle. Note which wire was connected to which terminal (hot, neutral, ground).
4. **Prepare Wires:** If necessary, strip approximately 1/2 inch of insulation from the ends of the wires. Ensure wire ends are clean and straight.
5. **Connect Wires to New Receptacle:**
  - **Green or Bare Copper Wire (Ground):** Connect to the green grounding screw.
  - **White Wire (Neutral):** Connect to the silver terminal screw.
  - **Black or Colored Wire (Hot):** Connect to the brass terminal screw.

For back-wiring, insert the stripped wire into the appropriate hole and tighten the screw. For side-wiring, loop the wire clockwise around the screw terminal and tighten securely.

6. **Mount Receptacle:** Carefully fold the wires into the electrical box. Secure the new receptacle to the electrical box using the provided mounting screws.
7. **Install Wall Plate:** Attach the wall plate over the receptacle.
8. **Restore Power:** Turn the power back ON at the circuit breaker.
9. **Test:** Test the receptacle with a known working device or outlet tester.



Image 1: Front view of the Leviton 5362-SI Industrial Grade Duplex Receptacle in Ivory. This image shows the two 5-20R configured outlets, the mounting strap, and the self-grounding screw.

## 6. OPERATING INSTRUCTIONS

Once properly installed and power is restored, the Leviton 5362-SI receptacle functions as a standard electrical outlet. Simply insert the plug of your electrical device into one of the two available receptacles. Ensure the plug is fully inserted for a secure connection.

This receptacle is designed for devices requiring up to 20 Amps at 125 Volts. Do not overload the circuit by plugging in devices that collectively exceed the circuit's rating.

## 7. MAINTENANCE

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- **Cleaning:** To clean the receptacle, first turn off power at the circuit breaker. Use a soft, damp cloth to wipe the surface. Do not use abrasive cleaners or solvents. Ensure the receptacle is completely dry before restoring power.
- **Periodic Inspection:** Periodically inspect the receptacle for any signs of damage, such as cracks, discoloration, or loose connections. If any damage is observed, turn off power immediately and have the receptacle inspected and replaced by a qualified electrician.
- **Tightness of Connections:** If you suspect a loose connection, turn off power and have a qualified electrician check and tighten all terminal screws.

## 8. TROUBLESHOOTING

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- **No Power at Receptacle:**
  - Check the circuit breaker or fuse box. A tripped breaker or blown fuse will cut power to the circuit. Reset the breaker or replace the fuse.
  - Ensure the receptacle is properly wired. If unsure, consult a qualified electrician.
  - Verify that the power supply to the electrical box is active using a voltage tester.
- **Loose Plug Connection:** If plugs feel loose in the receptacle, the internal contacts may be worn. The receptacle should be replaced by a qualified electrician.
- **Overheating:** If the receptacle feels warm to the touch, immediately disconnect any devices and turn off power. This could indicate an overload or a faulty connection. Consult a qualified electrician.

## 9. WARRANTY INFORMATION

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This Leviton 5362-SI Industrial Grade Duplex Receptacle is backed by a **Limited Ten Year Warranty**. For specific terms and conditions, please refer to the warranty documentation included with your purchase or visit the official Leviton website.

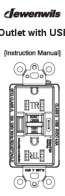





## 10. CUSTOMER SUPPORT

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For technical assistance, product information, or warranty claims, please visit the official Leviton website or contact their customer service department.

[Visit the Leviton Store](#)

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 <p>Leviton GFCI Outlet with USB Ports</p> <p>[Instruction Manual]</p> <p>Please pay attention to the warning signs Read the instructions with caution before operating and use it properly.</p> <p>LV0221</p>	<p><a href="#">Leviton GFCI Outlet with USB Ports Installation and Operation Manual</a></p> <p>Comprehensive guide for installing and operating Leviton GFCI Outlets with USB Ports, including wiring instructions, safety warnings, testing procedures, and warranty information.</p>
	<p><a href="#">Leviton SmartlockPro GFCI Receptacle Installation and Testing Guide</a></p> <p>Comprehensive guide to installing and testing Leviton SmartlockPro Ground Fault Circuit Interrupter (GFCI) receptacles. Covers safety precautions, wiring, troubleshooting, and product features.</p>
	<p><a href="#">Leviton GFCI Receptacle Installation and Testing Guide</a></p> <p>A comprehensive guide on how to install and test a Leviton SmartLock Pro GFCI Receptacle, including wiring instructions, safety precautions, and troubleshooting tips.</p>
	<p><a href="#">Leviton GFNT1-DIN/GFNT2-DIN DIN Rail Mount GFCI Receptacle Installation Guide</a></p> <p>Comprehensive guide for installing and testing Leviton's GFNT1-DIN and GFNT2-DIN DIN Rail Mount GFCI Receptacles, including wiring instructions, safety precautions, and troubleshooting.</p>
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