

Brady 51171

Instruction Manual for Brady Extra-Large Group Lock Box

Model: 51171

1. INTRODUCTION

The Brady Extra-Large Group Lock Box (Model 51171) is designed to facilitate safe and efficient group lockout/tagout procedures. It provides a secure, centralized location for storing keys from individually locked-out energy isolation points, ensuring that equipment cannot be re-energized until all authorized personnel have completed their work and removed their personal locks.

2. SAFETY INFORMATION

Always adhere to all applicable local, state, and federal lockout/tagout regulations (e.g., OSHA 29 CFR 1910.147). This lock box is a tool to aid in compliance but does not replace proper training and adherence to established safety protocols. Ensure all personnel involved are authorized and trained in lockout/tagout procedures.

- Never attempt to operate machinery or equipment that is under a lockout/tagout procedure.
- Verify zero energy state before beginning any work.
- Ensure all keys are accounted for and secured within the lock box during group lockout.
- Inspect the lock box for damage before each use. Do not use if damaged.

3. COMPONENTS

The Brady Extra-Large Group Lock Box (Model 51171) includes:

- 1 x Brady Extra-Large Group Lock Box
- 1 x Instruction Guide (this document)

4. SETUP

Before initial use, inspect the lock box for any signs of damage from shipping or handling. Ensure the latch mechanism operates smoothly and the handle is securely attached. No assembly is required for this product.



Figure 4.1: Brady Extra-Large Group Lock Box (closed).

This image shows the Brady Extra-Large Group Lock Box in its closed position, highlighting its robust steel construction and integrated handle.



Figure 4.2: Brady Extra-Large Group Lock Box (open).

This image displays the lock box with its lid open, revealing the spacious interior designed to hold multiple keys.

5. OPERATING INSTRUCTIONS

Group Lockout Procedure

Follow these steps for a typical group lockout procedure using the Brady Extra-Large Group Lock Box:

1. **Isolate Energy Sources:** The authorized supervisor or lead person identifies all energy isolation points for the equipment requiring maintenance or service. They then apply individual safety locks to each isolation point, securing the equipment in a zero energy state.
2. **Collect Keys:** The keys for all the individual safety locks applied in Step 1 are collected and placed inside the Brady Group Lock Box.
3. **Secure the Lock Box:** The supervisor or lead person closes the lock box and secures it with their personal safety lock through the designated hasp.
4. **Individual Worker Lockout:** Each authorized worker involved in the maintenance or service then attaches their own personal safety lock to one of the available holes on the lock box. This ensures that the lock box cannot be opened, and thus the equipment keys cannot be accessed, until every worker has removed their personal lock.
5. **Perform Work:** All workers proceed with their assigned maintenance or service tasks, knowing the equipment is safely locked out.
6. **Remove Personal Locks:** Upon completion of their work, each worker removes their personal safety lock from the lock box.
7. **Re-energize Equipment:** Once the last worker has removed their personal lock, the supervisor or lead person can then remove their master lock from the lock box, retrieve the keys, and re-energize the equipment after ensuring all personnel are clear and the area is safe.

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Video 5.1: Group Lock Box Usage Demonstration.

This video provides a visual demonstration of how the Brady Group Lock Box is used in a typical group lockout/tagout scenario, illustrating the steps involved in securing energy isolation points and managing keys.



Figure 5.2: Group Lock Box in an active lockout scenario.

This image shows the Brady Group Lock Box in a practical application, with multiple personal locks attached, signifying an active group lockout procedure.

6. MAINTENANCE

The Brady Extra-Large Group Lock Box is constructed from durable steel and requires minimal maintenance. To ensure longevity and proper function:

- **Cleaning:** Wipe down the exterior with a damp cloth as needed to remove dust and grime. Avoid abrasive cleaners or solvents that could damage the finish.
- **Inspection:** Periodically inspect the hinges, latch, and handle for any signs of wear, corrosion, or damage. Ensure all openings for padlocks are clear and unobstructed.
- **Storage:** Store the lock box in a dry, clean environment when not in use to prevent rust and maintain its condition.

7. TROUBLESHOOTING

Most issues with the Brady Group Lock Box can be resolved with simple checks:

- **Difficulty Latching/Unlatching:** Check for any debris obstructing the latch mechanism. Ensure the lid is properly aligned with the base. If the issue persists and there is no visible damage, contact customer support.
- **Corrosion/Rust:** If minor surface rust appears, it can often be removed with a rust-inhibiting cleaner. For significant corrosion, consider replacing the unit to ensure safety and integrity.
- **Missing Keys:** This is a critical safety concern. Immediately halt all work, re-verify the lockout status of the equipment, and follow your organization's emergency procedures for lost keys during lockout/tagout. The lock box itself does not prevent key loss if not properly managed.





8. SPECIFICATIONS

Feature	Specification
Brand	Brady
Model Number	51171
Material	Steel
Color	Red
Max. Number of Padlocks	13
Height	6 In.
Width	7-3/8 In.
Depth	9-1/4 In.
Product Dimensions	1 x 1 x 1 inches; 5.75 Pounds
Manufacturer	Brady

9. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or to purchase replacement parts, please contact Brady customer service directly. Refer to the official Brady website or product packaging for the most current contact details.

Related Documents - 51171

 <p>BRADY M211 Quick Start Guide</p>	<p>Brady M211 Label Printer Quick Start Guide</p> <p>Get started quickly with the Brady M211 Label Printer. This guide covers charging, label insertion, app download, power on, and Bluetooth connection.</p>
 <p>BRADY M611 LABEL PRINTER User Manual</p>	<p>Brady M611 Label Printer User Manual - Features, Setup, and Support</p> <p>Explore the Brady M611 Label Printer with this comprehensive user manual. Learn about its rugged design, wireless connectivity (Bluetooth, Wi-Fi), touchscreen interface, and software integration for creating professional labels. Find setup guides, maintenance tips, and technical support resources.</p>
 <p>BRADY M410 Label Printer Frequently Asked Questions</p>	<p>Brady M410 Label Printer: Frequently Asked Questions</p> <p>Comprehensive FAQ for the Brady M410 Label Printer, covering its features, connectivity, label compatibility, software integration with Brady Workstation, and support information.</p>
 <p>BRADY M410 Manuale d'uso</p>	<p>Manuale Utente Stampante Etichette Brady M410</p> <p>Guida completa al Manuale Utente della stampante etichette Brady M410, che copre configurazione, funzionamento, manutenzione e risoluzione dei problemi per un uso efficiente.</p>



BMP@21-PLUS LABEL PRINTER
QUICK START GUIDE

[Brady BMP@21-PLUS Label Printer Quick Start Guide](#)

This guide provides essential information for setting up and operating the Brady BMP@21-PLUS handheld label printer. Learn how to install batteries, connect AC power, change label cartridges, use the keypad, create, save, open, and print labels.



[Brady M511 Label Printer Quick Start Guide - Setup and Operation](#)

Get started quickly with the Brady M511 Label Printer. This guide covers charging, media loading, app download, and Bluetooth connectivity for easy label printing.