

Pearl P2052C

Pearl P2052C Eliminator Double Bass Drum Pedal Instruction Manual

Model: P2052C

1. INTRODUCTION

The Pearl P2052C Eliminator Double Bass Drum Pedal is engineered to provide drummers with unparalleled tunability and control. This double pedal system, based on the P-2000C series, features a robust chain drive mechanism and a highly customizable design. It includes a selection of interchangeable cams, multiple beater faces, PowerShifter functionality, and adjustable traction grips, allowing for precise tailoring to individual playing styles. This manual provides detailed instructions for the setup, operation, and maintenance of your Pearl P2052C pedal to ensure optimal performance and longevity.

2. KEY FEATURES

The Pearl P2052C Eliminator Double Bass Drum Pedal incorporates several advanced features designed to enhance your drumming experience:

- **PowerShifter:** Allows for quick adjustment of the footboard position to fine-tune power and feel.
- **Independent Traction Grips:** Customizable grip on the footboard surface for personalized control.
- **Zero Play Hinge:** Ensures smooth, friction-free movement and eliminates lateral play.
- **Roller Hoop Clamp:** Provides secure attachment to the bass drum hoop with minimal effort.
- **Quad Beater:** Offers four distinct playing surfaces (two plastic, two felt) for varied tonal options.
- **Interchangeable Cams:** Includes multiple cams (Red, Blue, White, Black) to alter the pedal's response and feel, from speed-oriented to power-focused.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Pearl P2052C Eliminator Double Bass Drum Pedal:



This image displays the complete Pearl P2052C Eliminator Double Bass Drum Pedal assembly, showcasing both the main and slave pedals, chain drives, beaters, and footboards.



This image illustrates the Pearl P2052C pedal with measurements, indicating its maximum width of 22 inches, minimum width of 13 inches, and a height of 7.5 inches, along with a length of 10.58 inches for the footboard.



A side profile of the Pearl P2052C pedal, highlighting the chain drive mechanism, spring tension, and the connection rod between the main and slave pedals.



A black custom carry bag with the Pearl logo, designed to transport and protect the Eliminator Double Bass Drum Pedal.



The custom carry bag opened, revealing the interior compartments designed to securely hold the Pearl Eliminator Double Bass Drum Pedal and its accessories.

4. SETUP INSTRUCTIONS

4.1 Unpacking

1. Carefully remove the pedal and its components from the custom carry bag.
2. Ensure all parts, including the main pedal, slave pedal, drive shaft, beaters, and any included cams or tools, are present.

4.2 Attaching to Bass Drum

Position the main pedal directly in front of your bass drum. Utilize the **Roller Hoop Clamp** to securely attach the pedal to the bass drum hoop. Ensure the clamp is tightened firmly but without excessive force to avoid damaging the hoop.

4.3 Adjusting the Drive Shaft

Connect the adjustable universal joint drive shaft between the main pedal and the slave pedal. Adjust the length of the drive shaft to accommodate the distance between your bass drum and the desired position of the slave pedal. Ensure the connections are secure to prevent any play during operation.

4.4 Beater Installation and Adjustment

Insert the **Quad Beaters** into the beater holders on both pedals. Adjust the beater height and angle using the **Uni-Lock Beater Angle Cam**. Experiment with the four different beater surfaces (felt or plastic) to achieve your preferred attack and tone.

Your browser does not support the video tag.

This video provides a visual overview of the Pearl Eliminator Redline Bass Drum Pedal, showcasing its key features such as interchangeable cams, independent traction grips, and the Uni-Lock beater angle cam.

5. OPERATING INSTRUCTIONS

5.1 PowerShifter Functionality

The PowerShifter allows you to move the footboard forward or backward to change the leverage and feel of the pedal. A forward position provides more power, while a backward position offers increased speed and sensitivity. Adjust this to find your ideal balance.

5.2 Interchangeable Cams

The Eliminator pedal comes with various interchangeable cams, each designed to provide a different response curve. To change a cam, loosen the cam retaining screw, slide off the current cam, and replace it with your desired cam. Ensure it is securely fastened. Experiment with the different colors:

- **Red Cam:** Offers a linear response for balanced power and speed.
- **Blue Cam:** Provides a progressive response for increased power towards the end of the stroke.
- **White Cam:** Delivers a lighter, faster feel for quick passages.
- **Black Cam:** Offers a heavier, more powerful feel for maximum impact.

5.3 Independent Traction Grips

The footboard features independent traction grips that can be adjusted or removed to customize the amount of grip or slip you experience. This allows for personalized control and comfort during play.

6. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and smooth operation of your pedal:

- **Cleaning:** Wipe down the pedal regularly with a soft, dry cloth to remove dust and debris. For stubborn grime, a slightly damp cloth can be used, followed by immediate drying.
- **Lubrication:** Periodically apply a small amount of light machine oil to moving parts such as the chain, hinges, and spring mechanisms. Avoid over-lubrication.
- **Inspection:** Routinely check all screws, bolts, and connections for tightness. Ensure springs are intact and functioning correctly. Replace any worn or damaged parts promptly.
- **Storage:** When not in use, store the pedal in its custom carry bag to protect it from dust, moisture, and physical damage.

7. TROUBLESHOOTING COMMON ISSUES

If you encounter any issues with your pedal, refer to the following common problems and solutions:

- **Squeaking Noises:**
Solution: Apply a small amount of lubricant to the spring, hinge points, and chain. Check for any loose components that might be rubbing.
- **Inconsistent Pedal Feel:**

Solution: Ensure all cam and beater angle adjustments are securely tightened. Verify that the spring tension is evenly set on both pedals. Check the drive shaft connections for any looseness.

- **Pedal Slipping on Floor:**

Solution: Ensure the rubber feet on the pedal base are clean and intact. If playing on a smooth surface, consider using a drum rug or non-slip mat.

- **Beater Not Striking Centrally:**

Solution: Adjust the beater angle and height. Ensure the bass drum is positioned correctly relative to the pedal.

8. TECHNICAL SPECIFICATIONS

- **Model Number:** P2052C
- **Brand:** Pearl
- **Type:** Double Bass Drum Pedal
- **Drive System:** Chain Drive
- **Body Material:** Metal
- **Color:** Silver
- **Item Weight:** Approximately 9 pounds (4.08 kg)
- **Product Dimensions:** Approximately 9.5 x 15.5 x 17 inches (24.13 x 39.37 x 43.18 cm)
- **UPC:** 633816613876
- **Included Accessories:** Custom Carry Bag, Quad Beaters, Interchangeable Cams

9. WARRANTY AND SUPPORT

Pearl Corporation products are manufactured to high standards and are backed by a manufacturer's warranty. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your purchase or visit the official Pearl Corporation website. For technical support, replacement parts, or any other inquiries, please contact Pearl Corporation customer service directly.

Manufacturer: Pearl Corporation