

Pearl PTH-22PL

Pearl PTH-22PL 22-inch Protone Bass Drum Head Instruction Manual

Model: PTH-22PL

1. INTRODUCTION

The Pearl PTH-22PL is a 22-inch Protone bass drum head designed to provide a balanced and controlled sound for your bass drum. Featuring a Perimeter EQ ring, this drum head helps to reduce unwanted overtones and enhance the low-end punch, making it suitable for various musical styles. Proper installation and maintenance are crucial for optimal performance and longevity.

2. WHAT'S IN THE BOX

Your Pearl PTH-22PL package includes:

- One (1) Pearl PTH-22PL 22-inch Protone Bass Drum Head

3. SETUP AND INSTALLATION

Follow these steps to properly install your new Pearl PTH-22PL bass drum head:

1. **Remove the Old Drum Head:** If replacing an existing head, loosen all tension rods evenly until the hoop can be removed. Carefully lift off the old drum head.
2. **Clean the Bearing Edge:** Inspect the drum's bearing edge (the rim where the drum head sits) for any debris, dust, or imperfections. Clean it gently with a soft cloth to ensure a smooth, even surface for the new head.
3. **Place the New Drum Head:** Carefully center the Pearl PTH-22PL drum head onto the bass drum's bearing edge. Ensure it sits flush and evenly around the entire circumference.
4. **Install the Drum Hoop:** Place the drum hoop over the new head, aligning the tension rod holes.

5. **Insert Tension Rods:** Insert all tension rods through the hoop and into the lugs. Finger-tighten each rod until it makes contact with the hoop.
6. **Initial Tuning:** Using a drum key, tighten each tension rod in a star or cross pattern, turning each rod a quarter to half turn at a time. This ensures even tension across the head. Continue this process until the head is taut and wrinkle-free.
7. **Fine-Tuning:** Tap the drum head gently near each tension rod to check for even pitch. Adjust individual rods as needed to achieve a consistent tone. The Perimeter EQ ring is designed to control overtones, so focus on achieving your desired fundamental pitch.



Image 1: Pearl PTH-22PL 22-inch Protone Bass Drum Head. This image shows the full black drum head with the Pearl logo and the visible Perimeter EQ ring.

4. OPERATING AND SOUND CHARACTERISTICS

The Pearl PTH-22PL Protone bass drum head is engineered to deliver a focused and powerful bass drum sound. Its key features contribute to its performance:

- **Protone Film:** Provides durability and a consistent tonal response.
- **Perimeter EQ Ring:** This internal dampening ring is designed to control unwanted high-frequency overtones, resulting in a tighter, more articulate low-end sound. It reduces the need for external

dampening.

- **Attack and Sustain:** When properly tuned, this head offers a clear attack with a controlled sustain, making it ideal for recording and live performance where a punchy, defined bass drum sound is desired.



Image 2: Close-up view of the Pearl logo on the drum head, highlighting the brand detail.

5. MAINTENANCE

To ensure the longevity and optimal sound of your drum head, follow these maintenance guidelines:

- **Regular Cleaning:** Wipe the drum head surface with a soft, dry cloth to remove dust and fingerprints. For stubborn marks, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive cleaners.
- **Check Tension:** Periodically check the tension of the drum head. Temperature and humidity changes can affect tension, leading to detuning. Re-tune as necessary to maintain desired sound.
- **Inspect for Damage:** Regularly inspect the drum head for any signs of wear, tears, or dents, especially around the impact area. While durable, drum heads are consumables and will eventually need replacement.
- **Storage:** If removing the drum head for storage, keep it flat in a protective bag or box to prevent creasing or damage.

6. TROUBLESHOOTING

Here are some common issues and their solutions:

- **Uneven Tone/Buzzing:** This often indicates uneven tension. Re-check the tension rods and adjust them in a star pattern until the pitch is consistent across the head. Also, ensure the bearing edge is clean and smooth.
- **Lack of Punch/Dull Sound:** The drum head might be too loose. Gradually tighten the tension rods in small increments until the desired attack and resonance are achieved.
- **Excessive Ringing/Overtones:** While the Perimeter EQ is designed to control this, extreme ringing might suggest the head is too tight or the drum's internal dampening (if any) is insufficient. Experiment with slight detuning or consider additional external dampening if necessary.
- **Head Damage:** If the drum head shows visible tears, dents, or stretching that affects the sound, it is time for replacement.

7. SPECIFICATIONS

Model Number	PTH-22PL
Brand	Pearl
Size	22 inches
Color	Black
Type	Bass Drum Head
Features	Protone Film, Perimeter EQ Ring
Components Included	PTH-22PL Bass Drum Head

8. WARRANTY AND SUPPORT

The Pearl PTH-22PL drum head comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical support, or any questions regarding your product, please contact Pearl customer service directly through their official website or authorized dealers. Please retain your proof of purchase for warranty validation.