

Tama HP30TW

Tama Standard Double-bass Drum Pedal (Model HP30TW) Instruction Manual

Comprehensive guide for setup, operation, and maintenance.

1. INTRODUCTION

Thank you for choosing the Tama Standard Double-bass Drum Pedal, Model HP30TW. This manual provides essential instructions for the proper assembly, adjustment, operation, and maintenance of your new drum pedal. Please read this manual thoroughly before use to ensure optimal performance and longevity of the product.

The Tama HP30TW is a chain-drive double-bass drum pedal featuring 2-way beaters, designed for durability and responsive performance. Its Power Glide cam system enhances power and speed at the end of each stroke, while the Spring Tight mechanism ensures consistent spring tension.



Figure 1: Front view of the Tama Standard Double-bass Drum Pedal (HP30TW), showing both the main and slave pedals connected by a drive shaft.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- Tama HP30TW Double Pedal (Main and Slave units)
- DS30 Beaters (x2)
- Drive Shaft
- Instruction Manual (this document)

3. SETUP AND ASSEMBLY

Follow these steps to properly set up your double-bass drum pedal:

1. **Attach to Bass Drum Hoop:** Position the main pedal against the bass drum hoop. Use the hoop clamp mechanism to securely fasten the pedal. Ensure the clamp is tight enough to prevent movement but do not overtighten.
2. **Connect Slave Pedal:** Connect the drive shaft between the main pedal and the slave pedal. Ensure the universal joints are securely tightened to prevent any play or wobble.
3. **Insert Beaters:** Insert the DS30 beaters into the beater holders on both the main and slave pedals. Tighten the set screws to hold them firmly in place. The 2-way beaters offer different striking surfaces; choose the desired surface (felt or plastic) by rotating the beater.
4. **Adjust Beater Angle:** The beater angle can be adjusted to suit your playing style. Loosen the beater angle adjustment screw, set the desired angle, and then retighten the screw. A common starting point is for the beater to be at a 45-degree angle when the pedal is at rest.
5. **Adjust Spring Tension:** The spring tension affects the pedal's rebound and feel. Adjust the spring tension nuts on both pedals to achieve your preferred resistance. Ensure both springs have similar tension for balanced response between the main and slave pedals. The Power Glide Spring Tight mechanism helps maintain consistent tension.
6. **Positioning:** Place the slave pedal in a comfortable position relative to your hi-hat pedal and snare drum. Ensure there is enough clearance for your foot to operate both pedals freely.



Figure 2: Side view illustrating the beater, cam, and spring mechanism of the pedal, highlighting adjustment points.

4. OPERATING INSTRUCTIONS

Once assembled and adjusted, the Tama HP30TW pedal is ready for use. The chain-drive system provides a direct and powerful feel, while the Power Glide cam is designed to increase beater speed and impact at the end of the stroke.

- **Foot Placement:** Place your foot on the footboard in a comfortable position that allows for both heel-up and heel-down techniques, depending on your preference.

- **Dynamic Control:** Experiment with different foot pressures and techniques to achieve varying dynamics and sounds from your bass drum.
- **Practice:** Consistent practice is key to developing proficiency with a double-bass drum pedal. Start slowly and gradually increase speed and complexity.

5. MAINTENANCE

Regular maintenance will ensure the smooth operation and extend the lifespan 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 universal joints on the drive shaft, spring mechanisms, and hinge points. Avoid over-lubrication.
- **Check Screws and Bolts:** Regularly inspect all screws, bolts, and clamps for tightness. Vibrations from playing can cause them to loosen over time. Tighten as necessary.
- **Beater Wear:** Monitor the condition of the beater heads. If they show significant wear, especially the felt side, consider replacing them to maintain optimal sound and protect your bass drum head.
- **Spring Inspection:** Check the springs for any signs of fatigue or damage. Replace springs if they appear stretched or kinked.

6. TROUBLESHOOTING

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

- **Pedal feels sluggish or sticky:**
 - Check for accumulated dust or debris in moving parts. Clean thoroughly.
 - Apply lubrication to hinge points and spring mechanisms.
 - Ensure spring tension is not too low. Adjust as needed.
- **Excessive noise (squeaking, clicking):**
 - Identify the source of the noise.
 - Lubricate the noisy component (e.g., spring, hinge, universal joint).
 - Check for loose parts and tighten them.
- **Pedal moves or slides during playing:**
 - Ensure the bass drum hoop clamp is securely tightened to the bass drum hoop.
 - Verify that any anti-slip features (e.g., rubber feet, spikes) on the pedal base are engaged and making proper contact with the floor.
- **Uneven response between main and slave pedals:**
 - Check that the drive shaft universal joints are securely tightened and free of play.
 - Ensure spring tensions on both pedals are set equally.
 - Inspect for any binding or obstruction in the slave pedal's movement.

7. SPECIFICATIONS

| Feature | Detail |
|------------|-------------|
| Model Name | Tama HP30TW |

| Feature | Detail |
|--------------------------------|---|
| Type | Double-bass Drum Pedal |
| Drive System | Chain-drive |
| Beaters | DS30 (2-way) |
| Cam Type | Power Glide |
| Spring Mechanism | Spring Tight |
| Body Material | Iron |
| Finish Type | Glossy |
| Color | Chrome |
| Item Weight | 8.85 Pounds (approximately 4.01 kg) |
| Product Dimensions (L x W x H) | 7.1 x 9.1 x 15.1 inches (approximately 18 x 23.1 x 38.4 cm) |

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Tama website or contact your authorized Tama dealer. Keep your purchase receipt as proof of purchase for any warranty claims.

Online Resources: For additional tips, FAQs, and product registration, visit the official Tama website.

Contact Support: If you require technical assistance or have questions not covered in this manual, please contact Tama customer service through their official channels.