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PUSUN DORA Table Tennis Robot

PUSUN DORA Table Tennis Robot User Manual

Model: DORA Table Tennis Robot
Brand: PUSUN

1. INTRODUCTION

The PUSUN DORA Table Tennis Robot is an advanced training device designed to enhance your table tennis skills. It features three serving motors for stable and precise ball delivery, a smart voice and light system, and a ball recycling facility. This manual provides essential information for setup, operation, and maintenance of your robot.

Installation Steps

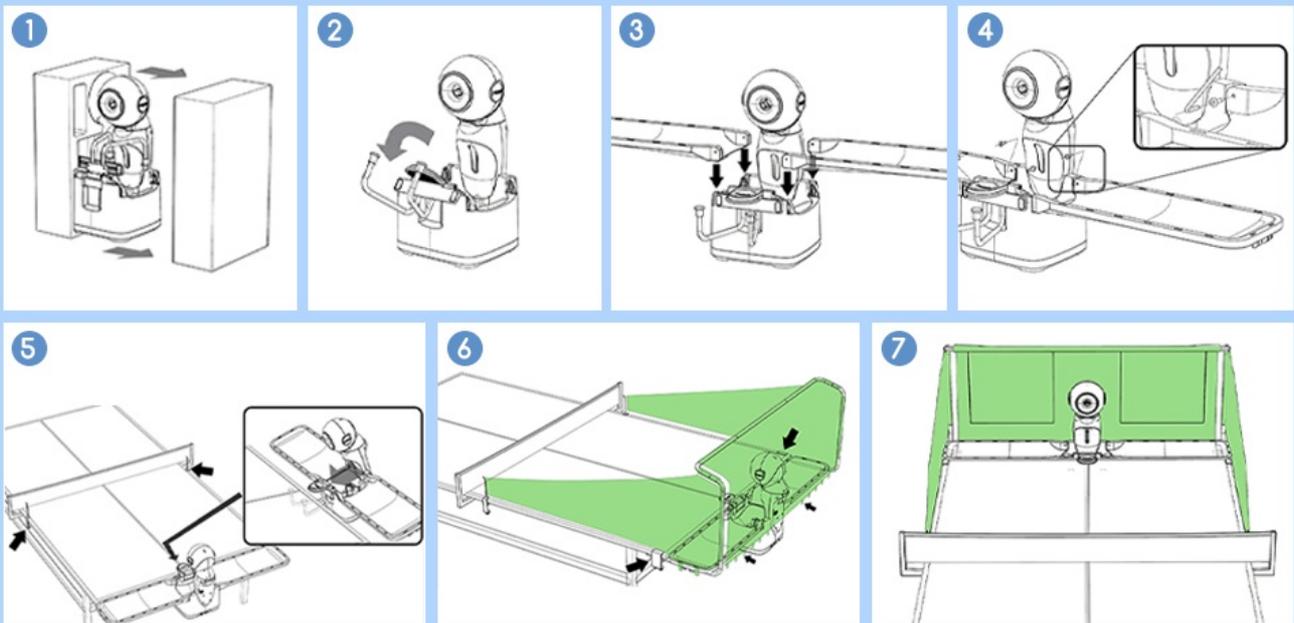


Image: The PUSUN DORA robot in action, demonstrating its use in different training scenarios.

2. SAFETY INFORMATION

- Ensure the robot is placed on a stable, flat surface.

- Keep hands and fingers away from moving parts during operation.
- Use only the provided power adapter.
- Do not expose the robot to water or extreme temperatures.
- Supervise children during use.
- Unplug the robot when not in use or during cleaning.

3. WHAT'S IN THE BOX

- DORA Table Tennis Robot (1 unit)
- Ball Recycling Net (1 unit)
- Remote Control (1 unit)
- Power Adapter (1 unit)
- User Manual (1 unit)

4. ASSEMBLY AND SETUP

Follow these steps to assemble your PUSUN DORA Table Tennis Robot and ball recycling net.

4.1 Ball Collection Net Installation

1. **Install S-shaped Brackets:** Take out the S-shaped brackets. Choose the bracket with the joint closer to the installation-side long edge of the table. Align with a corner of the table and insert the short side of the table into the bracket's groove. Confirm the S-bracket's horizontal bar is closer to the table's long side, then tighten. Repeat for the other table corner.

Built-in Multiple Training Drills

- Program and Customize Visual your training routines
- Satisfy Beginners to Professionals

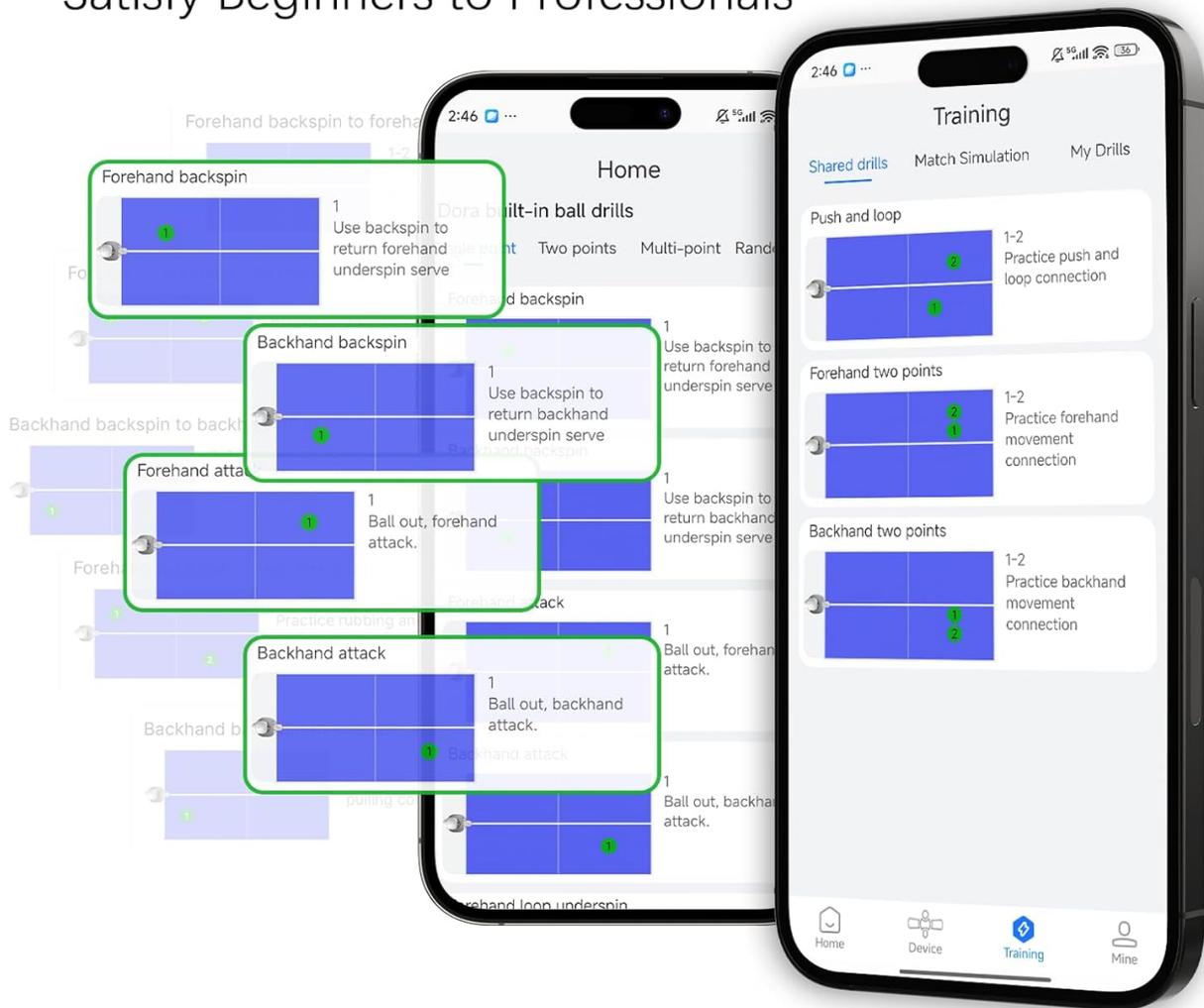


Image: The PUSUN DORA robot with the ball recycling net set up on a table.

2. **Assemble L-shaped Brackets:** Take out the L-shaped brackets with a snap on the short side. Hold the S-bracket's snap button while sliding the L-bracket down. It will lock when the snap pops. Repeat for the other side.
3. **Connect Long-side Sockets:** Take out the two L-shaped brackets with snaps on the long sides and insertion holes on the short sides. Connect the long-side sockets to the straight bracket's snaps. Assemble as shown in the image.
4. **Unfold and Thread Net:** Unfold the ball collection net. Thread the assembled frame through the top edge of the ball collection net.
5. **Secure Net Panels:** The front side of the net has two small panels. Thread the frames installed at the two corners of the table through the side edges of the ball collection net and secure the two frame ends by fastening the buckles. Fasten the Velcro straps. Repeat the same steps on the opposite side.
6. **Install Shortest Brackets:** Take out the two shortest brackets. Align the groove with the middle of the table's long side. When inserting into the table edge, ensure the top of the bracket points towards the opposite short side of the table, then tighten to secure. Then thread the side barrier nets through the brackets and secure them.

For a visual guide on net installation, please refer to the video below:

Your browser does not support the video tag.

Video: Detailed instructions for installing the PUSUN DORA Table Tennis Robot and Ball Collection Net.

4.2 Robot Main Unit Installation

1. **Attach Ball Collection Panels:** Take out the two side ball collection panels and the robot main unit. Snap the panels into both sides of the machine. Secure panel mounting points to the machine with screws and the hex tool. Repeat for the other side.

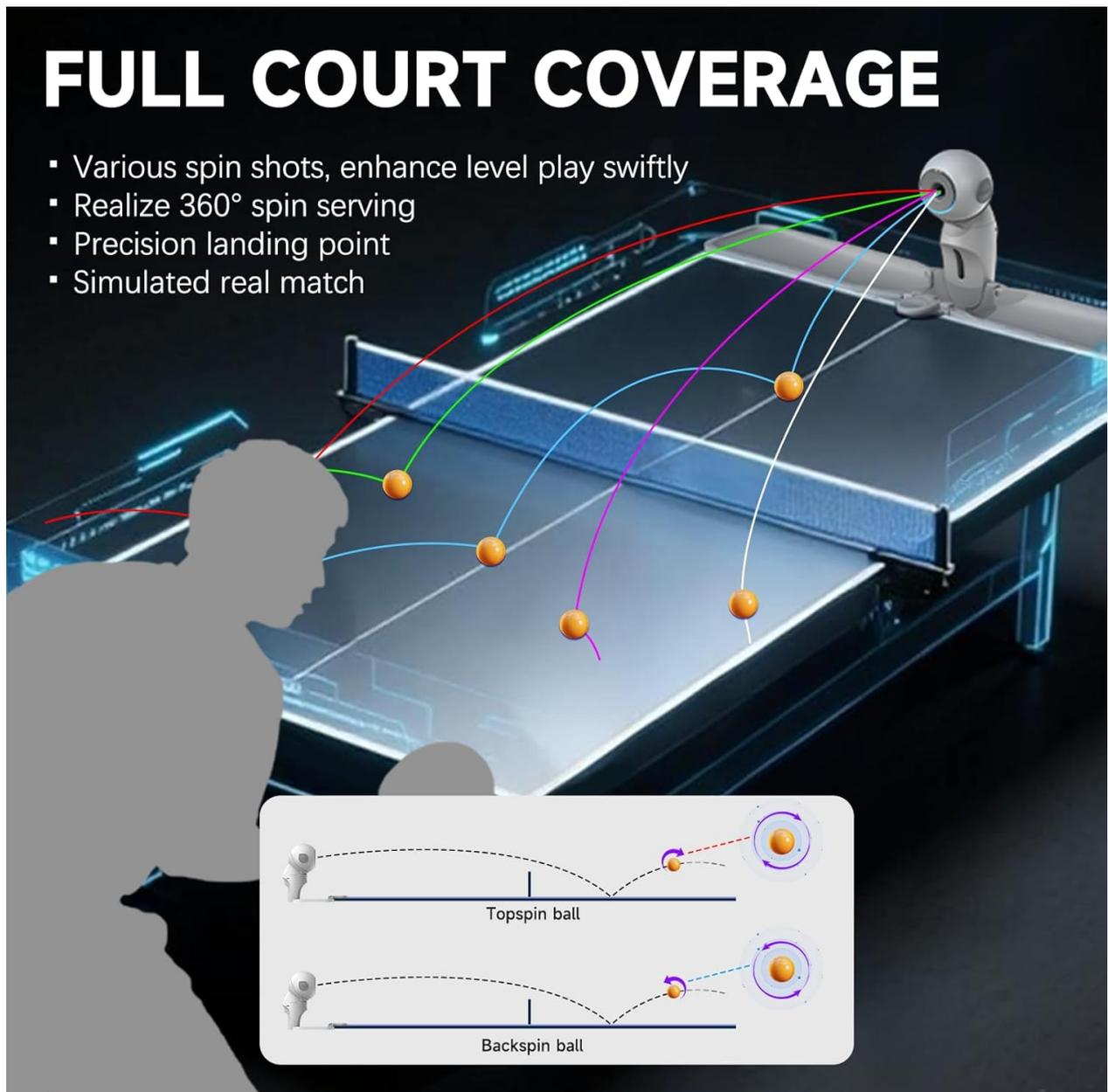


Image: The PUSUN DORA robot with its side ball collection panels extended.

2. **Adjust Clamping Rods:** Rotate the two clamping rods outward, adjusting them to their maximum angle.
3. **Secure Robot to Table:** After securing the ball machine to the table, use the Velcro straps under the ball collection net to secure it to the ball machine.

For a visual guide on robot installation, please refer to the video below:

Your browser does not support the video tag.

Video: Overview of the PUSUN DORA Table Tennis Robot's features and setup.

5. OPERATING INSTRUCTIONS

The PUSUN DORA Table Tennis Robot offers dual control methods: a smart app and a remote control.

5.1 Control Methods

- **Smart App Control:** Connect your smartphone via Bluetooth for real-time adjustment of settings. The app allows for visually customizing training drills, full court coverage landing points, and precise control over speed, frequency, and 360° spin.
- **Remote Control:** Use the included remote for quick adjustments during play. This provides convenient control over oscillation,

spin, and ball frequency.

Three Serving Motors for More Stable Serving Shot!



High Speed

Lightning-fast, pushing reaction limits to the extreme



Spin

Endlessly versatile, unlocking the art of serving



Multi-Function

Flexible and adaptable, meeting all-scenario demands



Image: Dual control modes for the robot, via mobile app and remote control.

5.2 Training Drills and Features

- **Preset Drills:** The robot comes with built-in pre-saved training drills, allowing for one-click training sessions.
- **Customizable Drills:** Create and customize your own training routines with full court coverage landing points.
- **Ball Response:** Achieve a rapid 0.66s ball response, simulating authentic training effects.
- **Spin Adjustment:** Real-time adjustment of 360° spin types (topspin, backspin, sidespin).
- **Speed and Frequency:** Adjust ball speed and frequency to match your skill level, from beginner to professional.
- **Smart Voice and Light System:** The robot includes a smart voice system and light indicators for an interactive training experience.

Full-court coverage and customize own training drills

Thanks to the ability to customise the speed, spin and trajectory of the balls, PUSUN DORA allows you to practise specific shots, refine your timing and increase your accuracy without the need for a human opponent

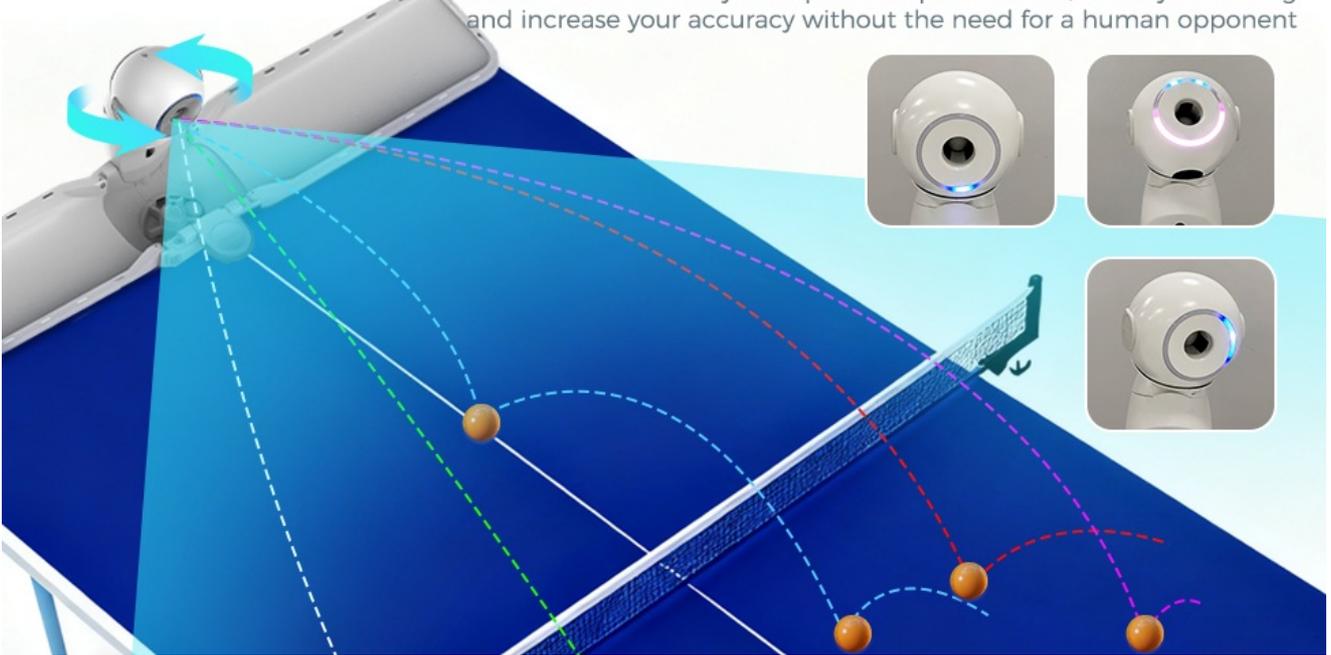


Image: Mobile app interface displaying various built-in training drills.

Supports iOS and Android system



Image: Features including ball capacity, smart voice, OTA updates, and precise control.

6. MAINTENANCE

- Regularly clean the ball feeding mechanism to prevent jams.
- Wipe down the robot and net with a damp cloth after use.
- Store the robot in a dry, cool place when not in use.
- Check all connections and fasteners periodically for tightness.

7. TROUBLESHOOTING

- **Robot not powering on:** Ensure the power adapter is securely connected to both the robot and a working power outlet.
- **Balls not feeding:** Check for any obstructions in the ball feeding mechanism. Ensure the ball hopper is not empty.
- **App connectivity issues:** Ensure Bluetooth is enabled on your device and the robot is within range. Try restarting both the app and the robot.
- **Inconsistent ball delivery:** Verify that the ball type is consistent and clean. Check for any loose components or blockages in the serving motors.

8. SPECIFICATIONS

Feature	Detail
Brand	PUSUN
Model Name	DORA Table Tennis Robot
Color	White
Material	Acrylonitrile Butadiene Styrene, Metal
Product Dimensions (LxWxH)	65" x 13" x 25.6"
Item Weight	15 Kilograms
Assembly Required	No (Main robot unit), Yes (Net assembly)
Base Material	Iron
Frame Material	ABS Plastic, Iron
Top Material Type	Wood

9. WARRANTY AND SUPPORT

The PUSUN DORA Table Tennis Robot comes with a **3-year warranty**.

For any issues or inquiries regarding your ball machine, please contact PUSUN customer service. We aim to reply within 12 hours.