Paddle Palace

TABLE TOP PRO ROBOT

User Manual

Paddle Palace Table Top Pro

- *Versatile, shoots from any location on the table*
- *Outstanding topspin, underspin, sidespin*
- *Multiple Oscillation Options*
- *Set for serves or rallies*
- *Easiest robot to set up and use*

FREE shipping to contiguous USA!
FREE 48 Nittaku Japan Star Balls

The Paddle Palace Table Top Pro is an affordable and quality robot that delivers strong and consistent topspin, underspin, and sidespin shots. It is simple to use and is jam free. The frequency and speed of the shots are controlled by convenient robot controls on the player's side of the table. It can be set to hit to one spot on the table, and it also has multiple oscillation options, both controlled and random. It can be set to shoot serves or rally shots. It can be placed on any location on the table, or it can be set on a stand behind the table (stand not included). A ball collection net is available for an extra charge. The Paddle Palace Table Top Pro is the easiest robot to set up and use that we have ever seen!

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TABLE TOP PRO ROBOT

Robot Components / Features

This manual has been written to help you enjoy and get the most out of your new Paddle Palace Robot. Take time to read these pages thoroughly and keep it handy for reference when using your robot.

Ball Container
The capacity of the Ball Container is 100, 40mm balls. The container should not be filled above the yellow line inside the container. Anything other than table tennis balls in the Ball Container may damage parts and adversely affect the robot's normal operation.

Container Lock

Friction Wheel

Spin Indicator

Serve Angle Adjustment Knob

Loop Adjustment Knob

Control Box

Control Box Support Bracket

7a. Ball Container [top view]

Poke Bar

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Robot Installation and Placement
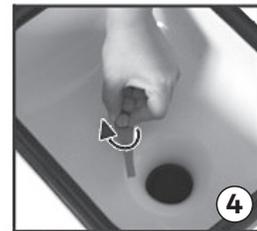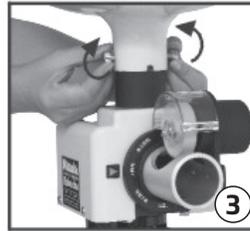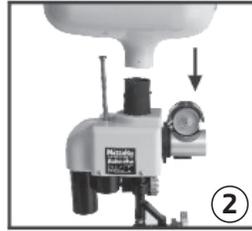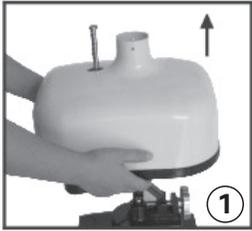
1. Pull out the Ball Container vertically.
2. Insert the Ball Container into the slot.
3. Tighten the Container Lock on both sides.
4. Tighten the Poke Bar inside the Ball Container.

This completes the installation

5. The Robot can be placed on any location on the table, or it can be set on a stand behind the table (stand not included). A ball collection net is available for an extra charge.

Install the Control Box Support on the player side at the edge of the table. Insert Control Box.

Control Box

Speed / Frequency Adjustment

START/
PAUSE

Set Speed

Set
Frequency

The Speed and Frequency of the balls can be adjusted by pressing the buttons on the Control Box.

To adjust the **Speed**, press (**+**) to increase and (**−**) to decrease. There are a total of 9 settings, with 1 being the slowest and 9 the fastest.

To set the **Frequency**, press (**+**) to increase and (**−**) to decrease.
The settings range from 28 to 85 balls per minute.

The Control Box has a memory function which stores the current setting and can play the same setting the next time you use the Robot.

To power-off the Robot when you are finished, simply unplug at the power source.

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Setting the Ball Loop

The Robot can be set to serve the ball directly over the net or to bounce first on the server's side. A ball served directly over carries stronger spin and higher speed. Turning the Loop Adjustment Knob clockwise will result in the shooting pipe pointing higher, thus producing a ball that is served directly over the net.

By turning the Loop Adjustment Knob counterclockwise, the shooting pipe will point downwards, producing a ball that bounces before going over the net.

These adjustments can be made while the Robot is on or off.

Ball is set to serve directly over the net. ▶
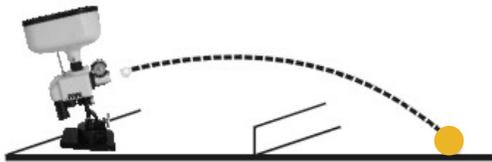
Ball bounces before going over the net. ▶

Setting the Angle of the Serve

The angle of the serve can be adjusted by rotating the **Serve Angle Adjustment Knob.** Turn the knob counterclockwise for a smaller serve angle. Turn the knob clockwise to increase the angle.

By turning the knob all the way to the left [counterclockwise] your serve will be in a fixed position.

This adjustment can be made while the Robot is on or off.

Spin Selection

To select the spin, rotate the motor head to the appropriate position according to the spin indicator. The motor head is able to rotate clockwise and counterclockwise by 180 degrees. NOTE: avoid pulling the wire too tight to prevent breaking of the wire.

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How to Maintain Your New Robot

- **ELECTRONICS:** The robot's electric components are located in the machine's circuit board and the control box. Therefore, you should be careful to avoid dropping either component or avoid any activity that would cause damage to the internal electronic units of one or both of these components.

- **MECHANICS:** The robot's mechanical components are located in the mechanisms that produce the ball service and delivery. Special attention should be paid so that no foreign objects are put into the ball container. Foreign objects will block the robot's delivery wheel and result in damage to the robot.

- **POKE BAR:** When the poke bar inside the ball container has worked for a long time, it should be checked for loose screws so as to prevent any trouble that would lead to an irregular ball delivery.

- **FRICTION WHEELS:** Under normal operation, and after long use, the friction wheel may become dirty. To ensure a quality serve, clean the wheel often with a wet towel. Always unplug robot before cleaning. ***Do not use force to move the shooting head.***

  The friction wheels are able to work for 5,000 hours or longer before they need to be replaced. When performing the replacement, power off the robot, remove the protective cover and remove the screws from the friction wheels with a screwdriver. After replacing the wheels, replace the screws properly and with care.

General Warnings

1. Please read the instruction manual carefully before using the robot, and follow the operation instructions.
2. Use caution when moving or adjusting the robot to prevent it from fallling over.
3. When the robot is operating, do not touch the friction wheel, and do not touch the poke bar and keep away from the shooting head to avoid being hit with a ball.
4. Some places on the robot will heat up during operation. Please be careful a to avoid burning yourself.
5. Turn the robot off by unplugging the power cord.

★ ★ Do NOT mix celluloid and poly balls together in the machine. This will cause inconsistent operation. ★ ★