The Best Training Partner

Portable • Fast • Accurate

The Best Training Partner
### Technical Specification

**Spin:**
- Topspin, Backspin, Knuckle ball, Sidespin

**Shoot frequency:** 40-70/m

**Shoot Speed:** 4-40m/s

**Maximum Balls Storage QTY:** 120 balls

**Minimum Balls Storage QTY:** 10 balls

**Gross Weight:** 4KG

**Net Weight:** 3.5KG

**Package Dimension:** 41cm(L)*36cm(W)*32cm(H)

**Rated Voltage:** 100-240V

**Rated Power:** 36W

**Up to 9 different spins and one Knuckle ball**
**Adjustable Shooting Angles**

### Parts List

- **A. Main Engine**
- **B. Shooting Head**
- **C. Balls Storage Tank**
- **D. Power Supply**
- **E. Fixed Mount**
- **F. Ball Size Measurer**
- **G. Instruction**
Assembly Instructions

1. Remove contents from the box and check them with the parts list.
2. Attach the shooting head to the main engine and cover it with lid. Screw it properly.
3. Plug USB cable in the port on the main engine.
4. Install the balls storage tank to the main engine, and rotate it till tight.
5. Install the fixed mount onto the standard table tennis table.
6. Fix the table tennis robot onto the fixed mount with screw, plug power supply in all the way.
A. On/Off Control and Shooting Frequency Control
B. Oscillation Frequency Control
C. Topspin Control
D. Backspin Control

Spin and control settings

A. On/Off Control and Shooting Frequency Control
B. Oscillation Frequency Control
The higher of the control's value, the faster of the swing frequency of the shooting head.
C. Topspin Control
The higher of the control's value, the faster of the top wheel spinning.
D. Backspin Control
The higher of the control's value, the faster of the bottom wheel spinning.

Topspin balls: Top wheel spinning faster creates topspin. Topspin control between 3 and 5, Backspin control between 1 and 3.
Backspin balls: Bottom wheel spinning faster creates backspin. Topspin control between 1 and 3, Backspin control between 3 and 5.
Swing Range

Tips:
1. When the swing frequency of the shooting head is 0, it will serve to a fixed point/direction.
2. Adjust the frequency of the shooting head coordinate with the adjusting rob to serve to unfixed points/all-direction.

Position of the control box

Position of the control box

Shooting range sketch map
Indirectly Serve: Suitable for excising various kinds of serve and returning serve by adjust suitable shooting speed and spin. Ideal for beginners.

Directly Serve: Higher shooting speed and spin than indirectly serve, can serve with loop, drive and overhead. Ideal for regular training.

Directly Serve

Indirectly Serve

Serve Bouncing Sketch Map

Serve跳动示意圖

发球形式：发球机的发球形式分为直发式和间接发式

间接式：适当的速度和旋转，可以练习各种接发球技术，初学入门最适合。

直发式：直发式发出的球带度和旋转都比间接式稍强，调整时通过速度调节旋进行。

可能性让发球机发出弧圈球、抽杀球和高球，适合常规训练。

Position 1: Turn on the up wheel to activate topspin; Turn on the down wheel to activate backspin. Adjust both wheels to the same speed to activate the Knuckle ball.

Position 2: Turn on the up wheel to activate left sidespin; Turn on the down wheel to activate right sidespin. Adjust both wheels to the same speed to activate the Knuckle ball.

Position 3: Turn on the up wheel to activate right sidespin; Turn on the down wheel to activate left sidespin. Adjust both wheels to the same speed to activate the Knuckle ball.

Any position in between 1-2 or 1-3 coordinate with two wheels and rotating speeds to serve different spins.

Loose the brass knob before adjusting the height of the shooting head. Do not adjust it when the shooting head is still swinging.

The rotating of the training robot was achieved by adjusting the speed of up wheels and down wheels, and adjusting the direction of the shooting heads leftwards and rightwards. Different combination of both adjusting will serve differently. Up to 9 different spin and one Knuckle ball it could serve. The shooting head could rotate any directly horizontally from 0~180 degree scope zone.
## Troubleshooting Tips

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<tr>
<td>Cables are plugged in all the way</td>
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<td>Plug in all the way</td>
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<tr>
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### Balls not coming out

1. Disassemble the shooting head, clean up inside of the head and balls
2. Use the correct size balls
3. Ball supply machine errors
4. Bally supply gearbox errors

### Balls falling out hole, not shooting

1. Shooting machine errors
2. Check that all cables are plugged in all the way
3. Check that power supply is plugged in all the way

### Shooting head not swing

1. Swing machine errors
2. Swing gearbox errors
3. Check that all cables are plugged in all the way
4. Check that power supply is plugged in all the way

### A narrow range of swing

1. Reset the control screw

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Warnings:

1. This robot should only be used with 40mm table tennis balls. Irregular or low-quality balls could cause increasing of the possibility of jamming.

Please clean the robot and pack it in bag for long-term storage.

Please feel free to contact us if any problems.

New table tennis balls should be rinsed in water or detergent and air dry before using. Regularly cleaning up inside of the robot and balls could reduce the possibility of jamming.

The robot should be used by children under the adults' instruction.

Please don't put balls into the ball storage area when the robot is running, which will cause jamming.

Please clean the robot and pack it in bag for long-term storage.

Please feel free to contact us if any problems.
更换配件

请在干净的环境下使用发球机，定时清理发球机灰尘和清洗乒乓球。

A. 更换发球轮

① 请检查和确定损坏是上轮发球轮还是下轮发球轮。
② 拆卸机头侧面4个螺丝
③ 然后再卸下固定发球轮的螺丝，取出损坏的发球轮。
④ 取出一个新的发球轮进行更换，按照原先拆卸步骤安装回去。

如在使用双鱼超级乒乓发球机1代时，经过一系列故障排除后，发球轮不转动，无法送球，请更换发球电机；如在使用一段时间，发现发球轮损坏和变形，请更换发球轮。
更换配件

发球电机

检测出上下电机哪个损坏，检测之后，需要先拆卸出与之相对应的上发球轮或者下发球轮。

②取出发球轮后，用螺丝刀拆卸固定发球轮的2个螺丝。

③然后再用螺丝刀卸下耳盖上的螺丝，即可取出需要更换的发球电机。

④取出电机，剪断连接电机上的两条正负极电线。

⑤用火机或者剪刀将正负极电线一节节去皮，准备好更换的电机，红色电线对准电机正极处穿上扭紧，黑色电线穿过电机的负极处扭紧。

注：电机上有个小圆圈，上有个“+”为正极。

⑥为避免在使用过程中，正负极电线相互碰撞，请用胶布密封露出铜芯的其中一边正负极电线处。

⑦按照拆卸时的步骤装回去，即可继续使用。

本说明书所示图样与实物可能存在颜色差别，属正常现象，以实物为准。
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