



Pongbot® Intelligent Table Tennis Training Robot
Touch Screen Instruction Manual

**Please safekeep the instruction manual and
read it carefully before using the product.
Thank you for supporting Pongbot®**

If you encounter any problems during use,
please contact the customer service center : ☎ 400-190-6688

More Product Information :

- Access Pongbot official website at www.pong-bot.com
- Scan QR code to follow Pongbot WeChat account



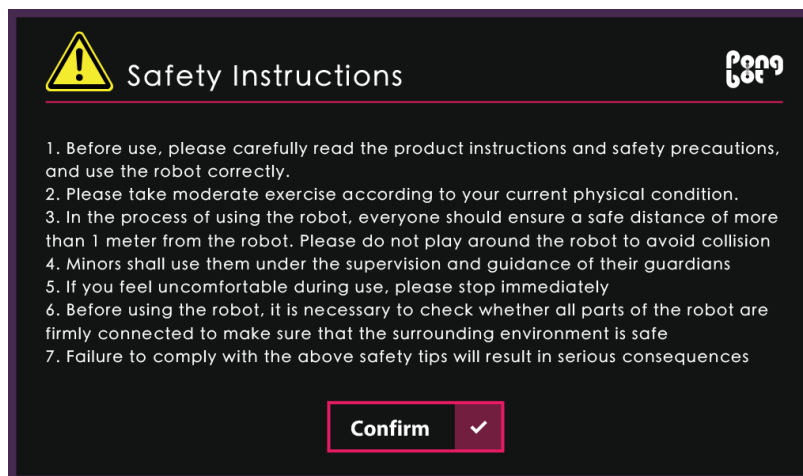
The information contained in this manual is authorized by Pongbot® only, replication is strictly prohibited.
Due to the continuous demand of product-upgrade, information contained in this manual is for reference only,
Pongbot reserves all rights to product-renewal.

Table of Content

Initialization & Safety	2
Professional mode	
Home Page Overview	5
Professional Mode Overview	6
Single-Ball Settings	7
Multi-Ball Settings	10
Example	11
Other Modes	
Entertainment Mode	16
Training Mode	18
Malfunction Recovery	
Advanced Settings	21

Initialization and Safety

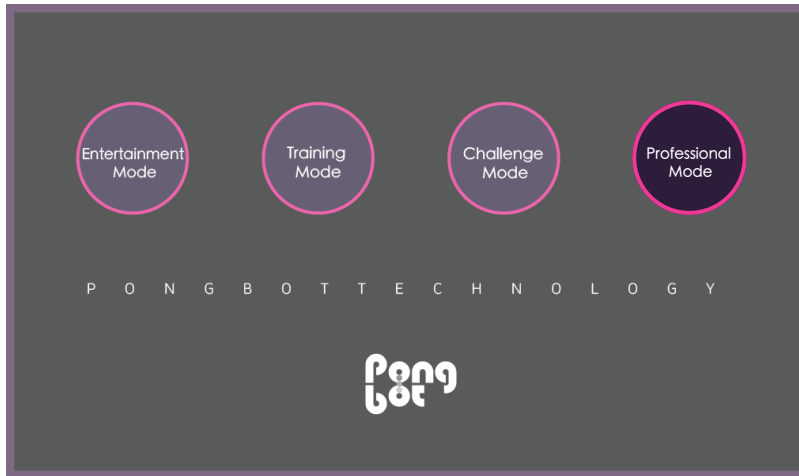
Initialization and Safety Interface



To continue use, please read the safety instruction carefully and click to confirm

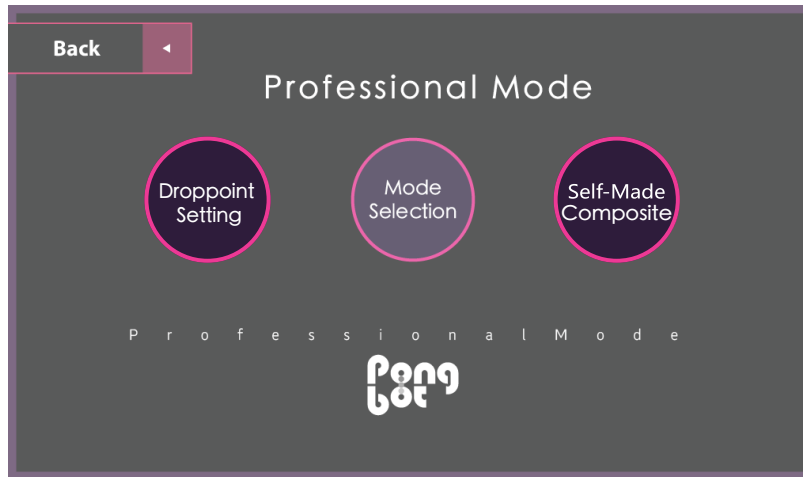
Professional Mode

Home Page Overview



In **Professional Mode**, users can customize each ball-setting and training content, allowing for both professional and entry-level trainings.

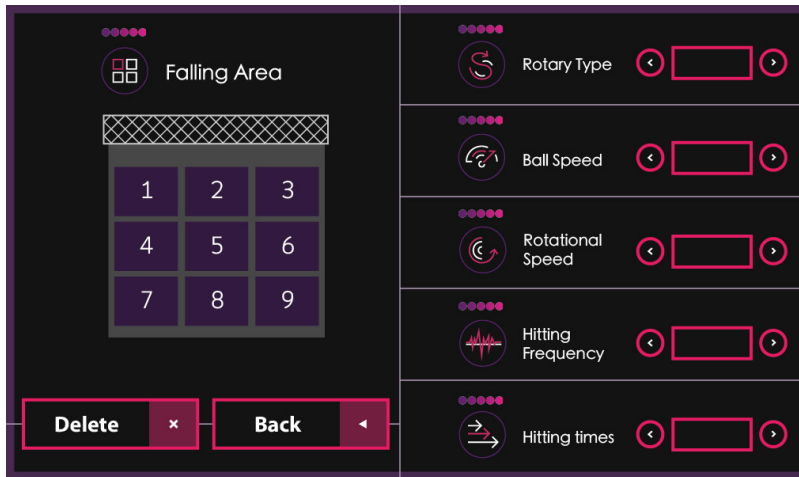
Professional Mode Overview



In Professional Mode, users can set up each ball in **Droppoint Setting**, or they can use **Self-Made Composite**, which presets and saves the ball-settings for daily trainings.

In addition, in **Mode Selection**, you can define serving number (the number of balls served by the robot) as well as serving mode (random or sequential).

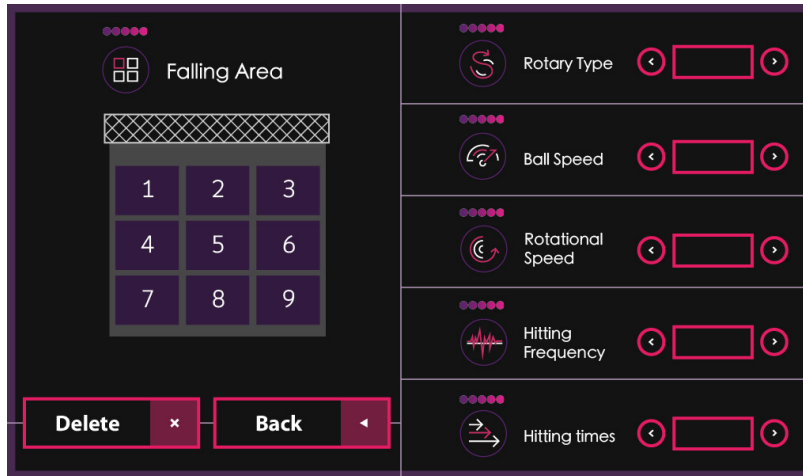
Professional Mode: Single-Ball Setting



In Droppoint Setting and Self-Made Composite, each ball needs setup.

First, select *Falling Area* on the left side of the screen, then setup *Rotary Type*, *Ball Speed*, *Rotational Speed*, *Hitting Frequency* and *Hitting Times* on the right.

Professional Mode: Single-Ball Setting Annotations



Falling area is used to set the droppoint location of a single ball. Based on table tennis rules, the grid system appeared on the left of the screen is not divided equally, but is optimized based on algorithms.

Proceed to next page for more

Professional Mode: Single-Ball Setting Annotations Continued

Rotary Type :

includes nonspin, topspin and backspin ball. You can customize each ball according to needs.

Ball Speed :

is used to set the aerial speed of each ball in motion.

Rotational Speed :

is used to set the rotation level of a single ball.

Hitting Frequency :

is used to set the movement tempo or time interval between one ball and the next served by the robot.

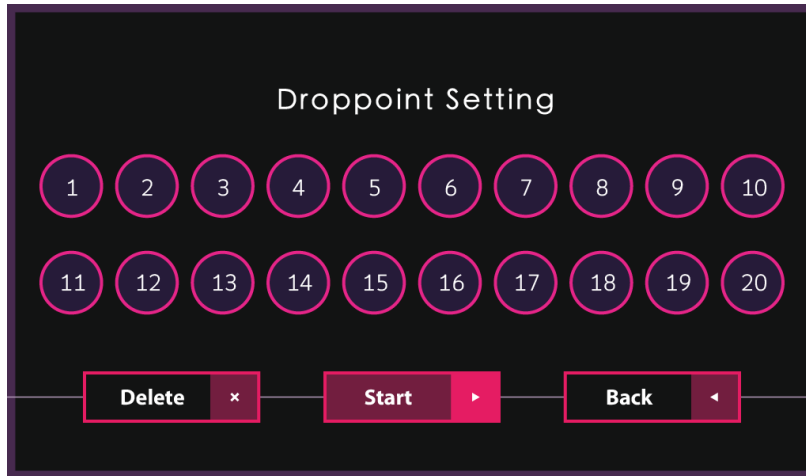
Hitting Times :

is used to set the number of repetitions of the same ball under sequential serve mode.

Note : If only one ball is set, then *Hitting Times* doesn't need to be adjusted. The overall range of *Hitting Times* can be set under *Mode Selection*.

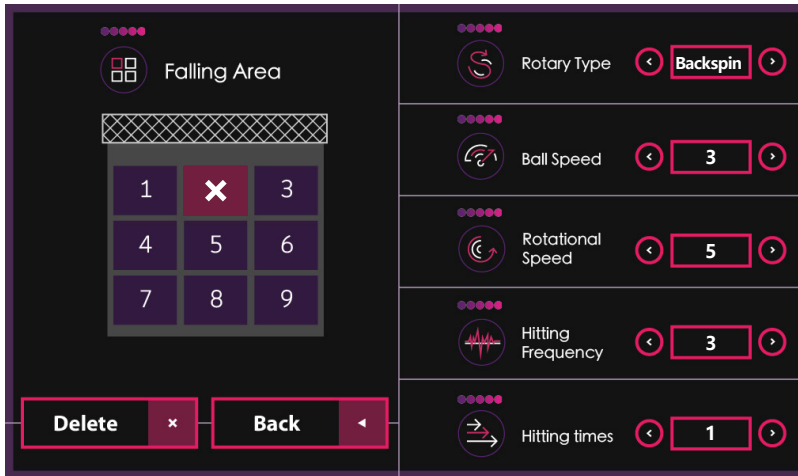
Example : for quick training sessions such as, AABAAB, have two types of balls setup (A&B) and set A's *Hitting Times* to 2.

Professional Mode: Multi-Ball Setting



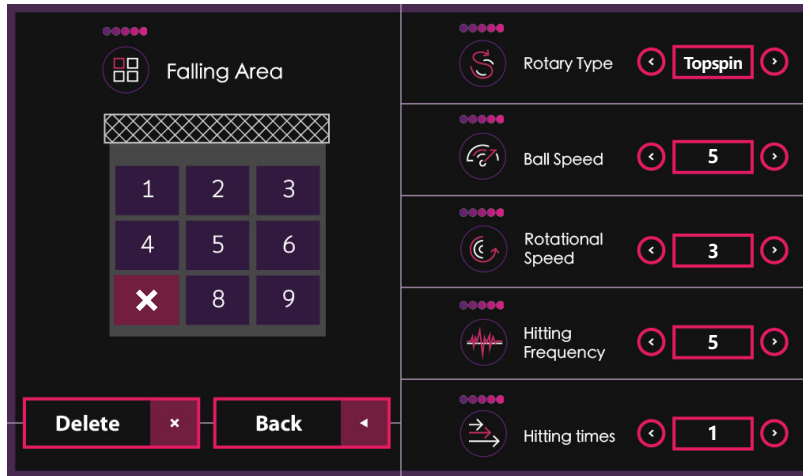
Droppoint Setting allows for multiple ball settings within 20 balls, each number (1 to 20) represents one ball in sequential serve mode, click a number to have that single ball setup.

Professional Mode: Example 1 - Chopping



Under **Self-Made Composite**, set up each ball following the instructions of single-ball setting, then click *Save* button under **Multi-Ball Setting** so that this setup is saved for daily use.

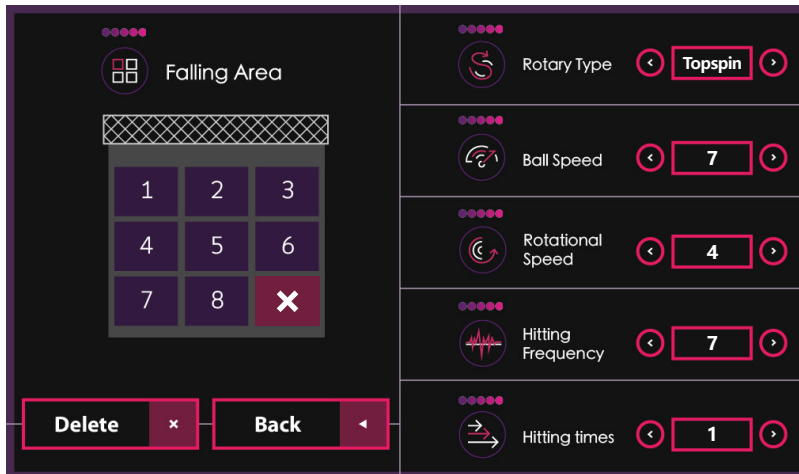
Professional Mode: Example 2 - Siding



Under **Self-Made Composite**, set up each ball following the instructions of single-ball setting, then click *Save* button under **Multi-Ball Setting** so that this setup is saved for daily use.

Proceed to next page for Example 3

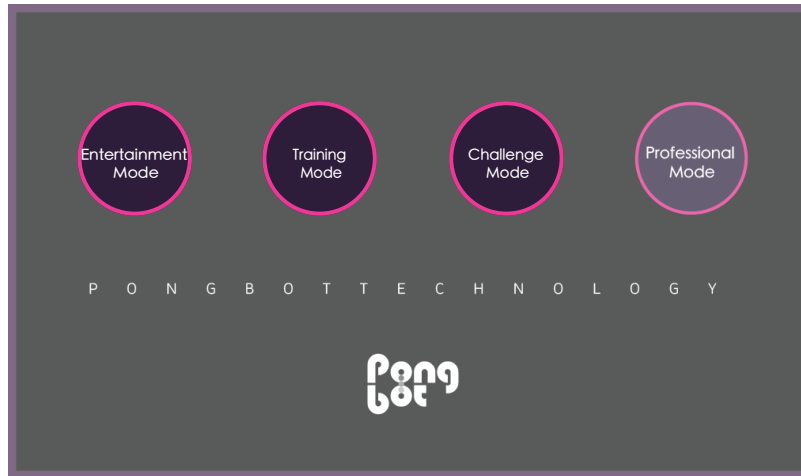
Professional Mode: Example 3 - Flaping



Under **Self-Made Composite**, set up each ball following the instructions of single-ball setting, then click *Save* button under **Multi-Ball Setting** so that this setup is saved for daily use.

Other Modes

Home Page Overview



After initialization, the robotic joints auto-returns to zero position. As the image shows on the left, the highlighted circles: **Entertainment Mode**, **Training Mode** and **Challenge Mode** offer quick and convenient trials, where you choose the desired mode, enter the number of trainings, then you may start the trial.

Entertainment Mode Annotations

1

Net

1	2	3
4	5	6
7	8	9

Level of Difficulty: ●○○○○1.0
Training Content: 5 to 6 point-switch
Rotary Type: topspin ball
Trainee: beginner with zero experience
Droppoint: 5,5,5,6,6,6,5,6,5,5,6
Ball-Sets: multiples of 10 is recommended

2

Net

1	2	3
4	5	6
7	8	9

Level of Difficulty: ●○○○○1.4
Training Content: center zone
 & back court switch
Rotary Type: topspin ball
Trainee: beginner with zero experience
Droppoint: 5,6,4,2,8
Ball-Sets: multiples of 5 is recommended

3

Net

1	2	3
4	5	6
7	8	9

Level of Difficulty: ●●○○○1.8
Training Content: net zone & back court switch,
 rotational droppoint
Rotary Type: topspin ball
Trainee: beginner with little experience
Droppoint: 5,2,3,6,9,8,7,4,1,2
Ball-Sets: multiples of 10 is recommended

4

Net

1	2	3
4	5	6
7	8	9

Level of Difficulty: ●●○○○2.3
Training Content: top & back spin switch
Rotary Type: topspin ball
Trainee: beginner with little experience
Droppoint: 3,5,7,8,6
Ball-Sets: multiples of 5 is recommended

Proceed to next page for 5 to 10

5

Net

1	2	3
4	5	6
7	8	9

Level of Difficulty: ●●●○○3.5**Training Content:** top & back spin
switch+sideway backspin serve**Rotary Type:** topspin & backspin ball**Trainee:** with experience over 1 year**Droppoint:** 5,8,6,2,9**Ball-Sets:** multiples of 5 is recommended

7

Net

1	2	3
4	5	6
7	8	9

Level of Difficulty: ●●○○○2.0**Training Content:** topspin with acceleration**Rotary Type:** topspin ball**Trainee:** who seeks challenge, thrill & speed**Droppoint:** 5,5,5,5,5,5,5,5,5**Ball-Sets:** multiples of 10 is recommended

9

Net

1	2	3
4	5	6
7	8	9

Level of Difficulty: ●●●○○2.8**Training Content:** forehand and backhand
frequency acceleration exercise**Rotary Type:** topspin ball**Trainee:** who seeks challenge, thrill & speed**Droppoint:** 8,7,8,7,8,7,8,7,8,7**Ball-Sets:** multiples of 10 is recommended

6

Net

1	2	3
4	5	6
7	8	9

Level of Difficulty: ●●○○○2.0**Training Content:** sudden backspin**Rotary Type:** topspin & backspin ball**Trainee:** beginner with zero experience**Droppoint:** 5,5,5,5¹**Ball-Sets:** multiples of 4 is recommended

8

Net

1	2	3
4	5	6
7	8	9

Level of Difficulty: ●●○○○2.0**Training Content:** topspin frequency acceleration**Rotary Type:** topspin ball**Trainee:** who seeks challenge, thrill & speed**Droppoint:** 5,5,5,5,5,5,5,5,5**Ball-Sets:** multiples of 10 is recommended

10

Net

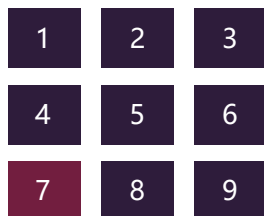
1	2	3
4	5	6
7	8	9

Level of Difficulty: ●●●○○2.8**Training Content:** from fast topspin to
sudden backspin**Rotary Type:** topspin and backspin ball**Trainee:** who seeks challenge, thrill & speed**Droppoint:** 5,5,5,5,5,5,5,5,5¹**Ball-Sets:** multiples of 10 is recommended

Training Mode Annotations

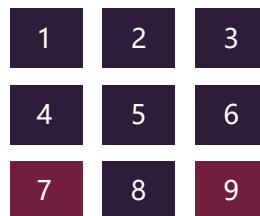
1. Backhand to Tear

Backhand Speed-Exercise



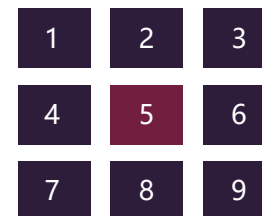
2. Forehand Pull Backspin

Forehand Pull Backspin Exercise



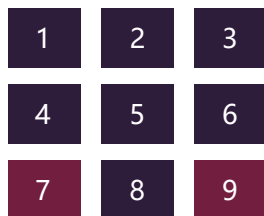
3. Forehand in Succession

Forehand Speed-Exercise



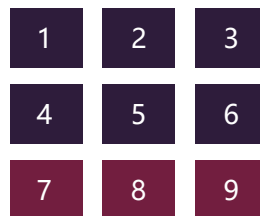
4. Pendulum Training

Forehand & Backhand Pendulum Exercise



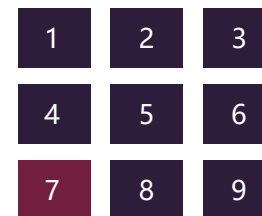
5. Three Point Pull

Multi-Point Pull-Exercise



6. Backhand Pull Backspin

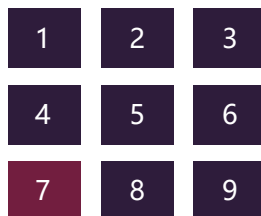
Backhand Pull, Ball-Twisting Exercise



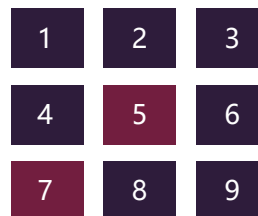
Proceed to next page for 7 to 10

7. Push, Side

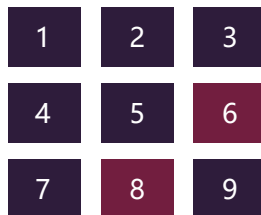
Forehand & Backhand
Quick Switch

**8. Push, Side, Flap**

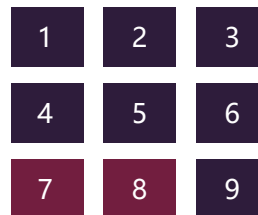
Forehand & Backhand +
Short Court & Back Court
Switch Exercise

**9. Quick Interception**

Short Court to Back Court Pull

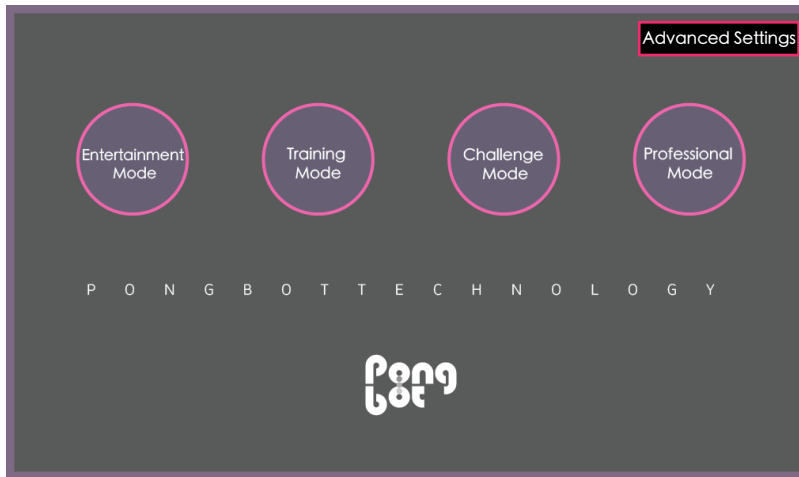
**10. Forehand, Backhand Switch**

Two-Point Switch Exercise



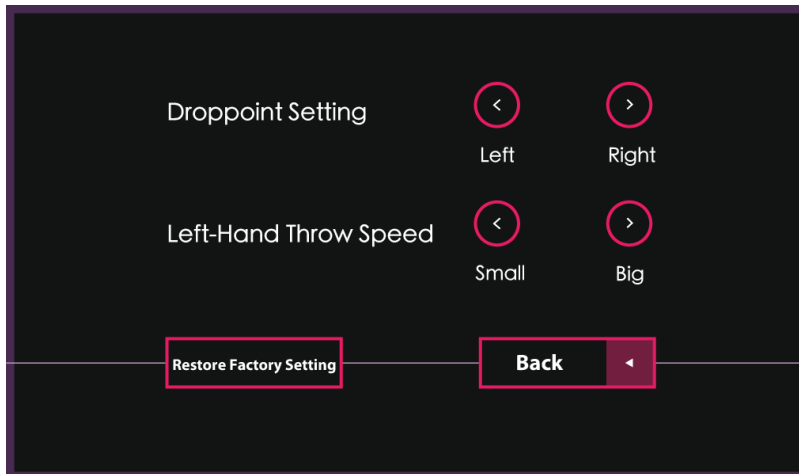
Malfunction Recovery

Home Page Overview: **Advanced Setting**



Advanced Setting at the upper right corner of **Home Page** is used to regulate occasional robot malfunctions. If the ball hits robot's left arm during serve, ***Advanced Setting*** can be helpful.

Home Page Overview: Advanced Setting



During serve when the ball hits the white cover on robot's left arm during serve, turn down the number at ***"Droppoint Setting"*** to adjust. When the ball hits the green cover on robot's left arm, adjust ***"Left-Hand Throw Speed"***.



Shanghai Pongbot Technology Co.,Ltd.

📍 No.257 Jilzang Rd, Pudong Shanghai

🌐 www.pong-bot.com ☎ 400-190-6688