



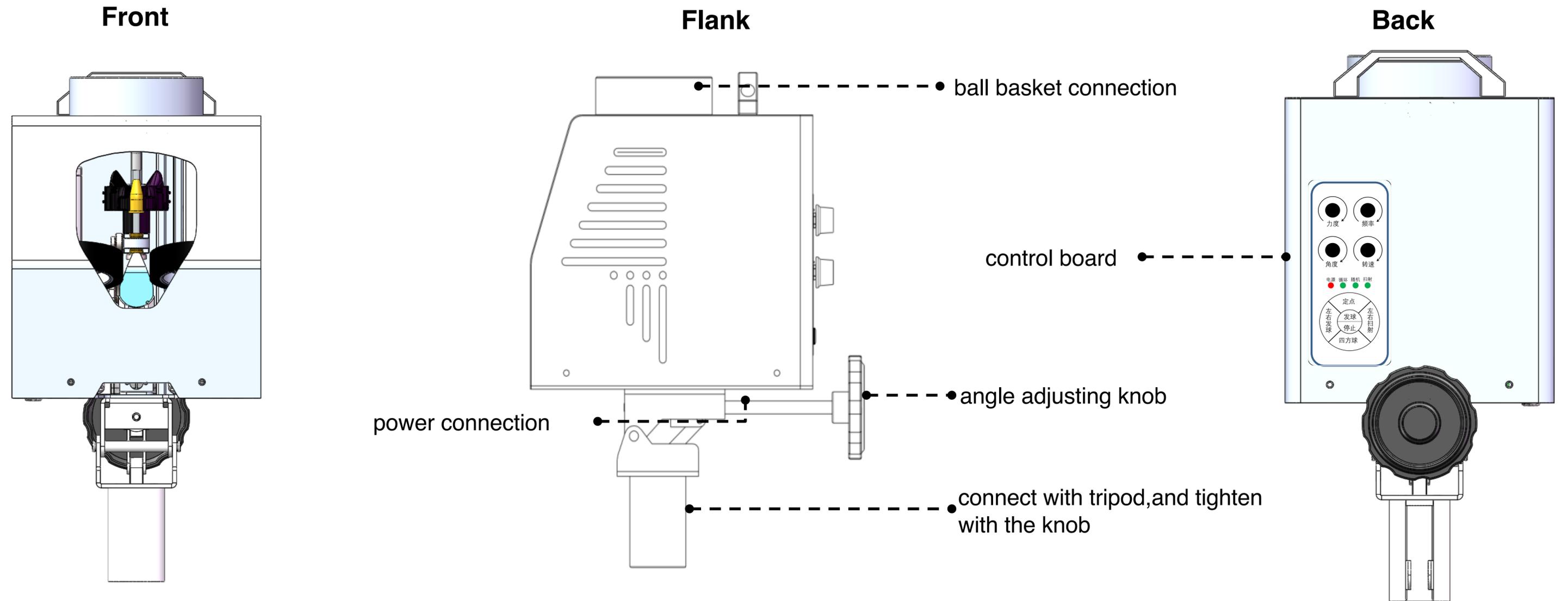
ADVANCE BADMINTON ROBOT



Product Parameters		
weight of machine body	-----	8.15Kg
weight of tripod	-----	3.35Kg
weight of ball basket	-----	0.7 Kg×2
size of machine body	-----	240*260*182mm
size of ball basket	-----	φ80*1000mm
size of tripod	-----	90*90*850mm
Function Parameters		
serve height	-----	1.5~7.5 m
serve frequency	-----	0.6~5 ball/sec
furthest serve distance	-----	8.5 m
nearest serve distance	-----	2.5 m
badminton capacity	-----	45 pcs/basket
serve angle adjust	-----	manual adjustment
Power Supply Parameters		
input voltage	-----	DC 24V
adapter power	-----	240W
power port	-----	DC5.5-2.5
lithium battery charge time	-----	3.5 Hr

Control Mode
manually adjust the serving power
manually adjust the serving freq.
manually adjust the serving angle
remote controls serve and stop
Badminton Serve Mode
Fixed point ball (net shot, drive ball, high clear, smash ball)
Fast clear out (random, cycle)
Left & right 2 points ball (random,cycle)
Horizontal oscillation ball (net shot, drive ball, high clear, smash ball)
Smash ball (random,cycle)

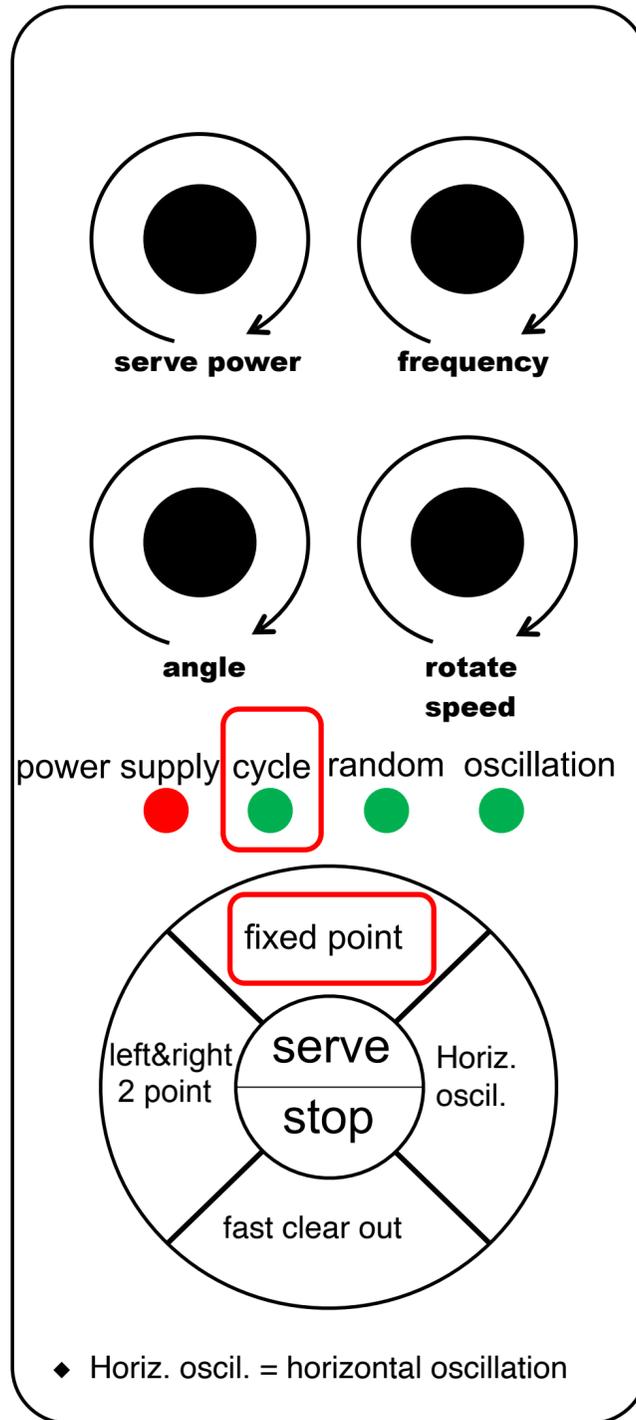
Product Installation



Steps for machine installation

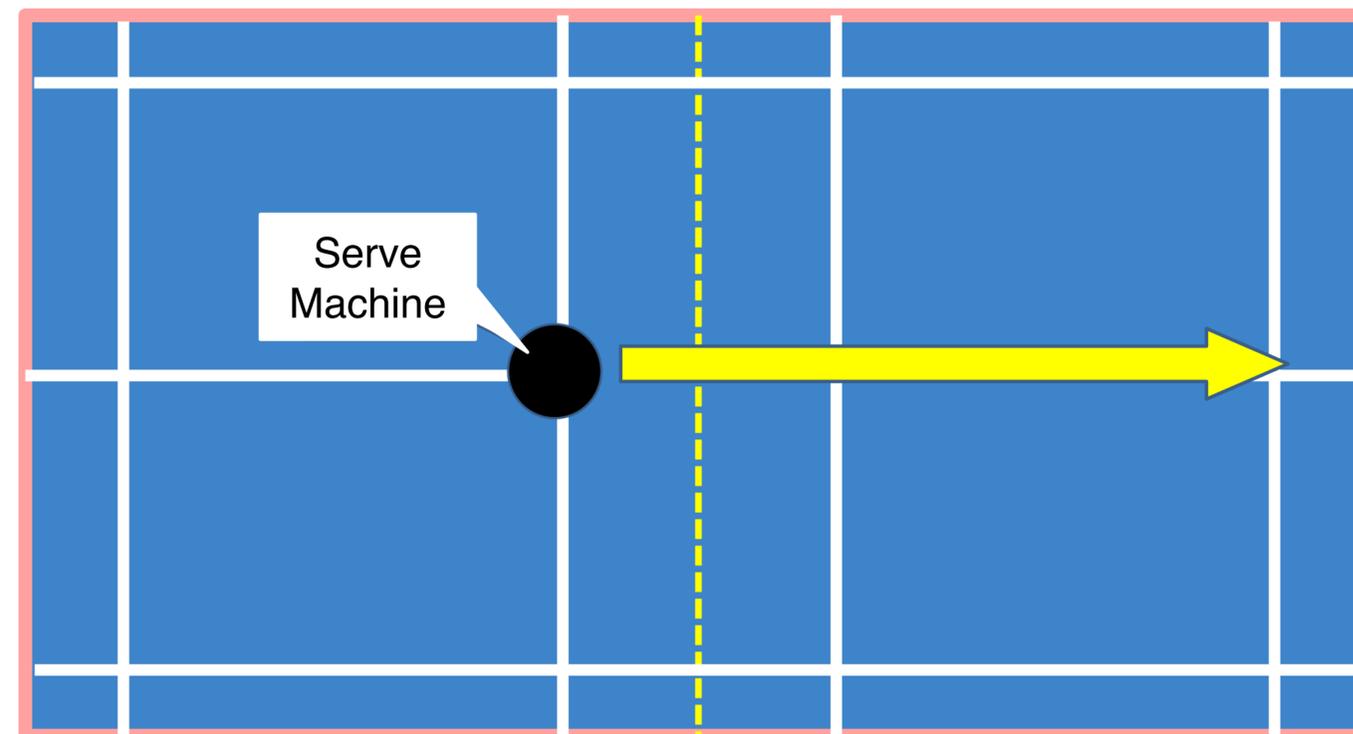
1. Loosen the side screws, open the tripod, set to suitable height, and then lock the screws.
2. Input the machine to the top of tripod, then tighten with manual knob.
3. Input the full filled ball basket to the ball basket connection on machine, must sure well connected to avoid miss ball serving issue.
4. After connecting the adapter to the extension cord, insert it into the power socket under the service machine, then power the adapter.
5. Choosing service mode on control board to start training.

Fixed Point Serve Mode



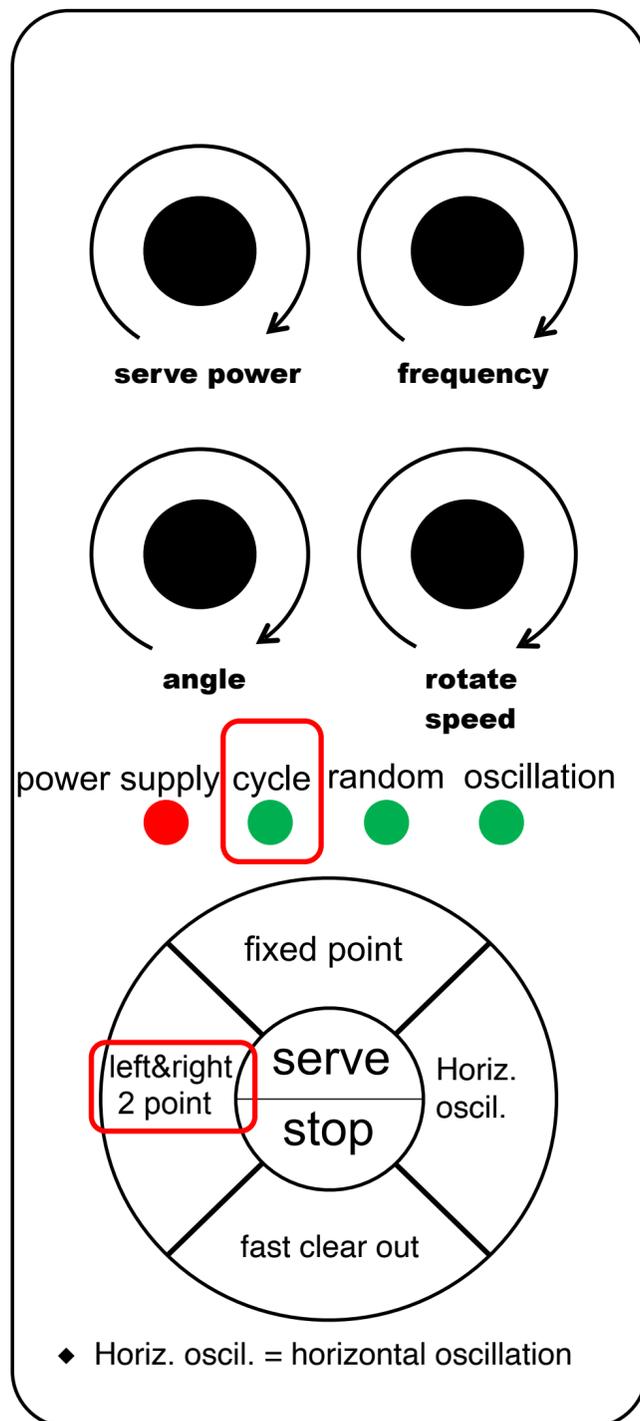
Press "fixed point" button under machine stop condition, cycle indicator lights up, next press "serve" button or press remote button to start training.

Serve Mode	Tripod height	Angle Adjusting	Power Knob	Frequency Knob
• net shot	1m~1.5m	follow clockwise to the end then follow anticlockwise back one circle	between 1-3	can be adjusted according to trainer level, higher level, higher value.
• drive ball	1.4~1.6m	adjust the machine to about 10 degrees horizontal down as needed	between 6-9	
• high clear	any height you want	follow clockwise to the end then follow anticlockwise back one circle	≧9	
• smash ball	the highest height	follow anticlockwise to the end then clockwise back two circles	≧9	

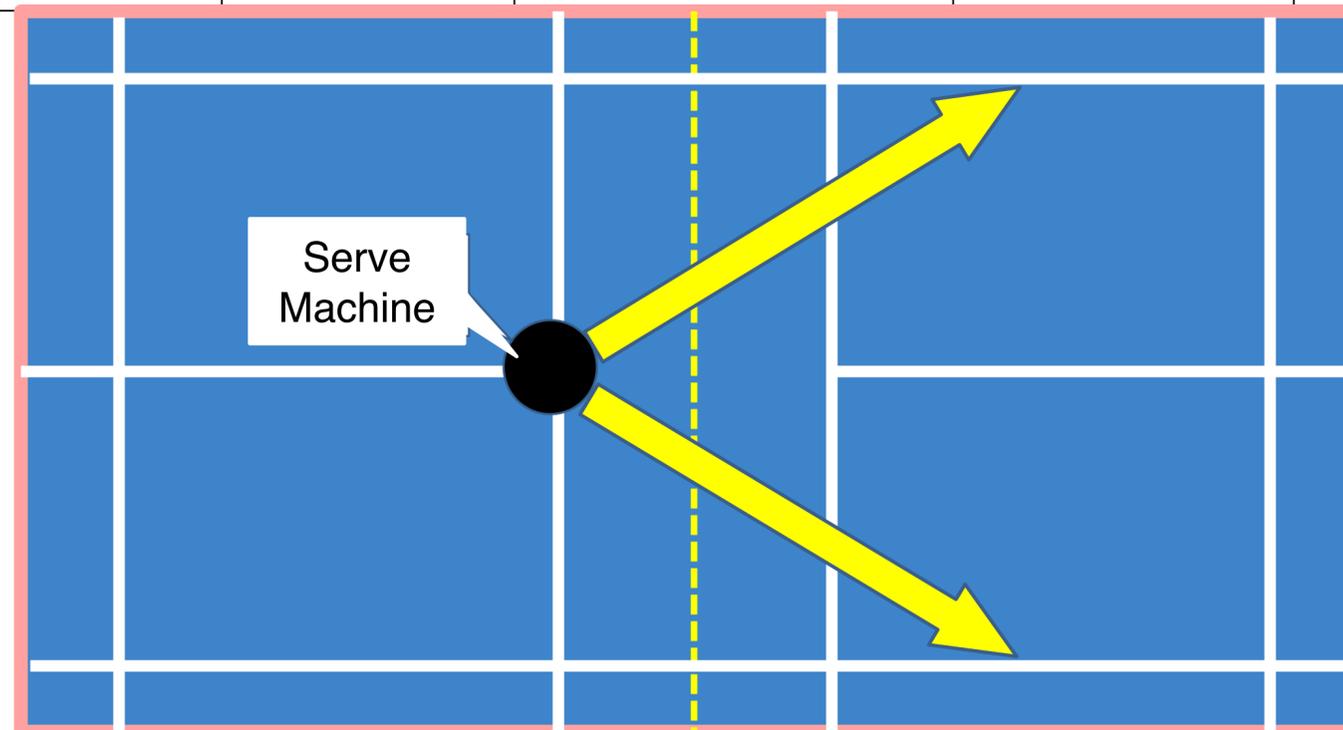


with adjusting serve power and elevation can find different serving line.

▶ Left & Right 2 Points Cycle Serve Mode



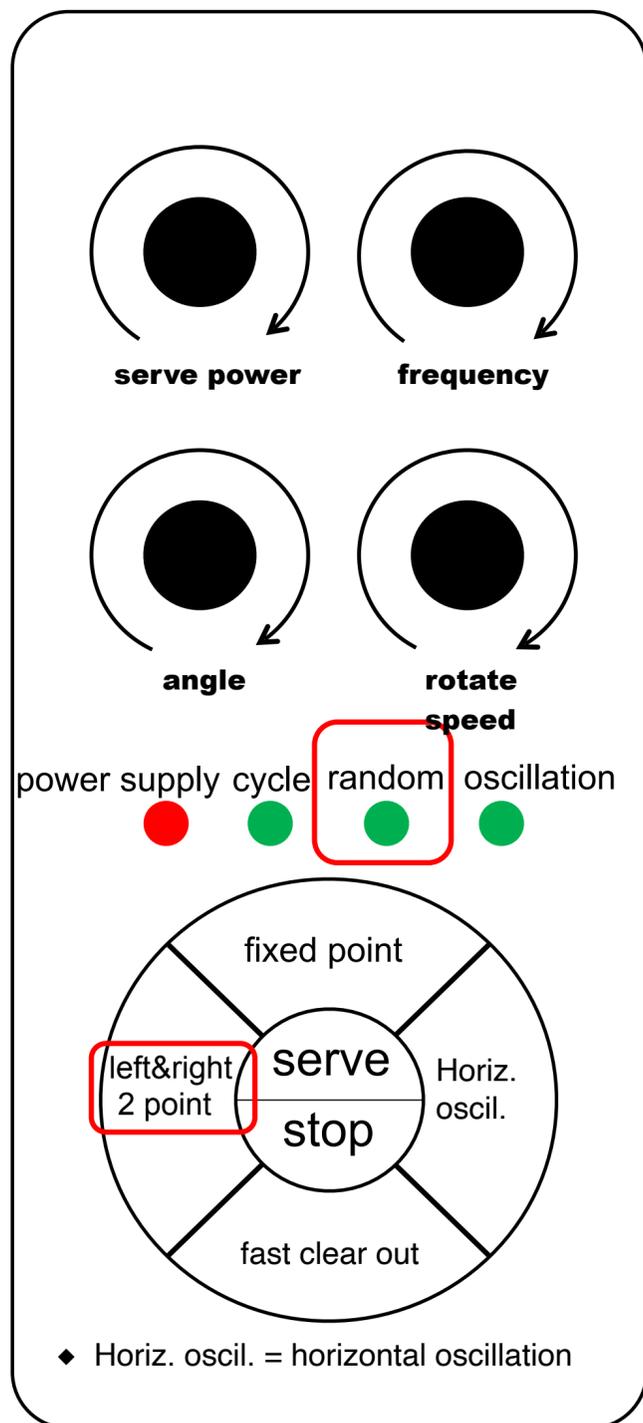
Serve Mode	Tripod height	Elevation Adjusting	Power Knob	Frequency Knob	Angle Knob
• net shot	1m~1.5m	follow clockwise to the end then follow anticlockwise back one circle	between 1-3	can be adjusted according to trainer level, higher level, higher value.	between 4-8
• drive ball	1.4~1.6m	adjust the machine to about 10 degrees horizontal down as needed	between 6-9		between 2-6
• high clear	any height you want	follow clockwise to the end then follow anticlockwise back one circle	$\cong 9$		between 2-5
• smash ball	the highest height	follow anticlockwise to the end then clockwise back two circles	$\cong 9$		between 2-5



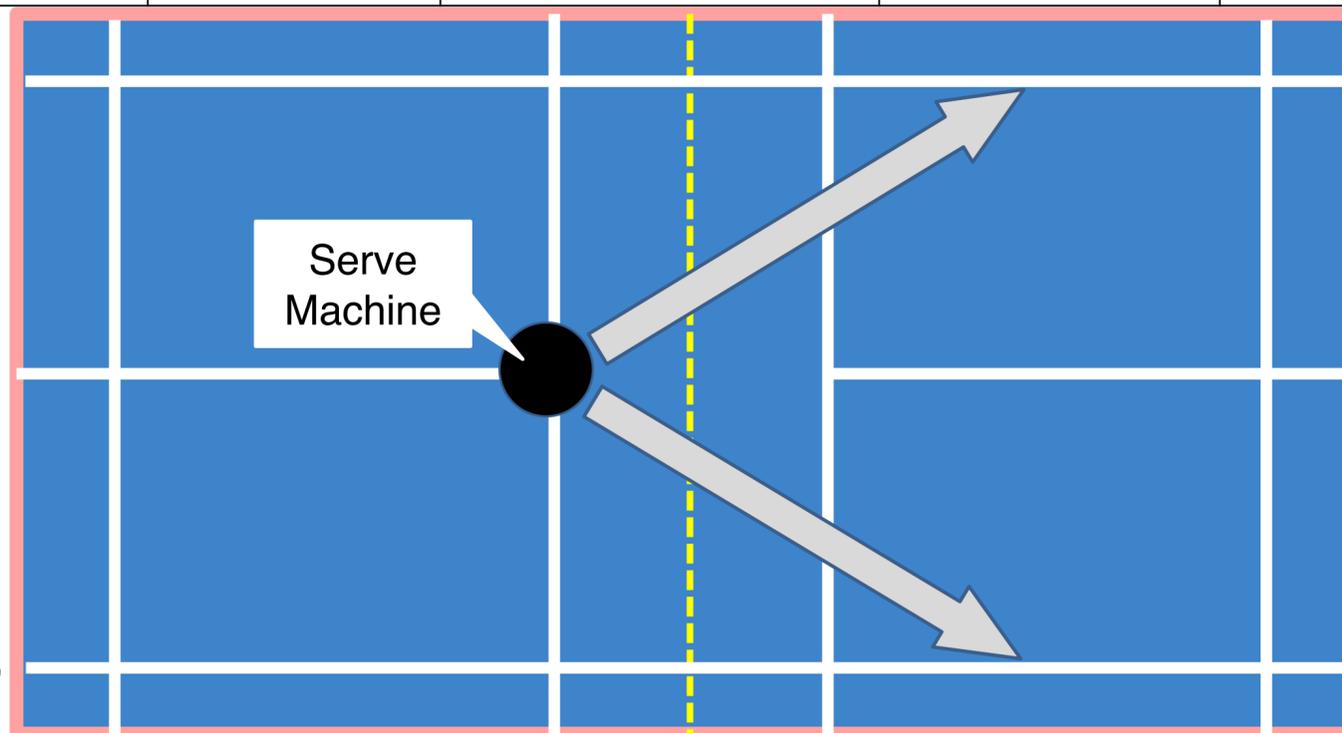
with adjusting serve power and elevation can find different serving line.

Press "left&right 2 point" button under machine stop condition, cycle indicator lights up, next press "serve" button or press remote button to start training.

▶ Left & Right 2 Points Random Serve Mode



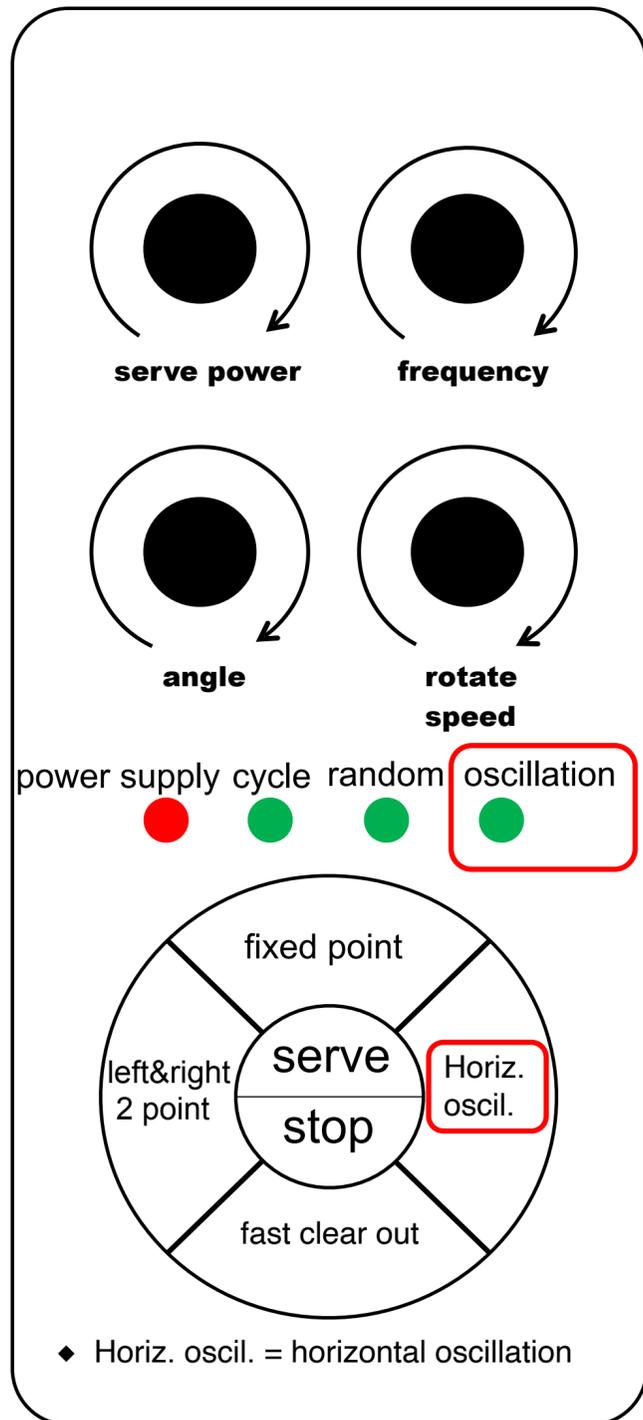
Serve Mode	Tripod height	Elevation Adjusting	Power Knob	Frequency Knob	Angle Knob
<ul style="list-style-type: none"> net shot 	1m~1.5m	follow clockwise to the end then follow anticlockwise back one circle	between 1-3	can be adjusted according to trainer level, higher level, higher value.	between 4-8
<ul style="list-style-type: none"> drive ball 	1.4~1.6m	adjust the machine to about 10 degrees horizontal down as needed	between 6-9		between 2-6
<ul style="list-style-type: none"> high clear 	any height you want	follow clockwise to the end then follow anticlockwise back one circle	≥ 9		between 2-5
<ul style="list-style-type: none"> smash ball 	the highest height	follow anticlockwise to the end then clockwise back two circles	≥ 9		between 2-5



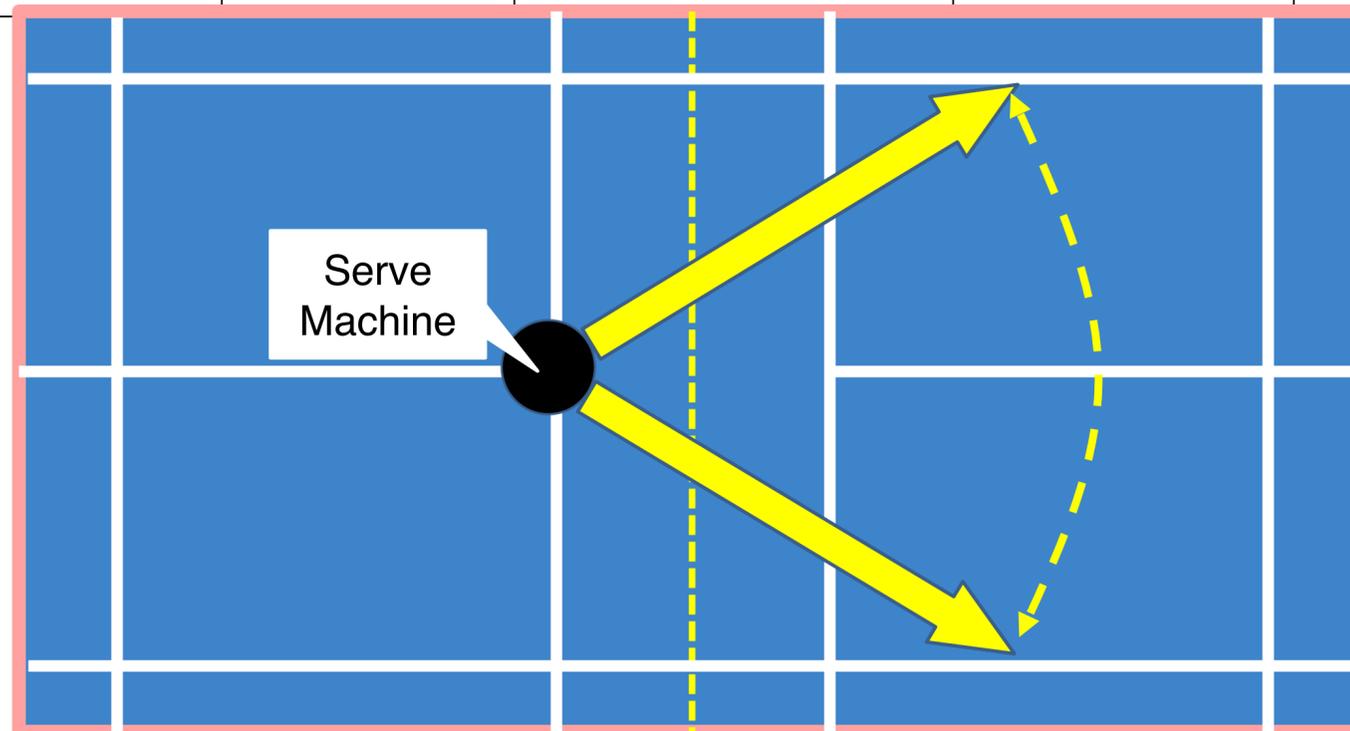
with adjusting serve power and elevation can find different serving line.

Press "left&right 2 point" button under machine stop condition, random indicator lights up, next press "serve" button or press remote button to start training.

Horizontal Oscillation Service Mode



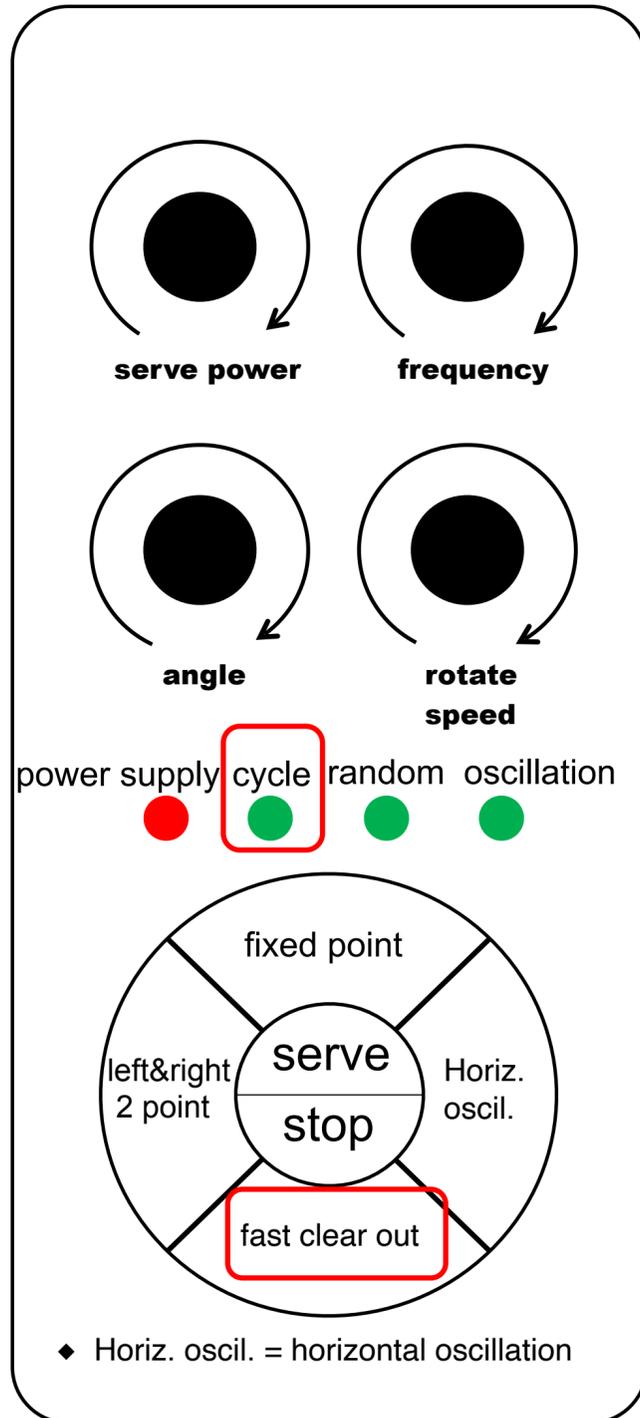
Serve Mode	Tripod height	Elevation Adjusting	Power Knob	Frequency Knob	Angle Knob
• net shot	1m~1.5m	follow clockwise to the end then follow anticlockwise back one circle	between 1-3	can be adjusted according to trainer level, higher level, higher value.	between 4-8
• drive ball	1.4~1.6m	adjust the machine to about 10 degrees horizontal down as needed	between 6-9		between 2-6
• high clear	any height you want	follow clockwise to the end then follow anticlockwise back one circle	≥9		between 2-5
• smash ball	the highest height	follow anticlockwise to the end then clockwise back two circles	≥9		between 2-5



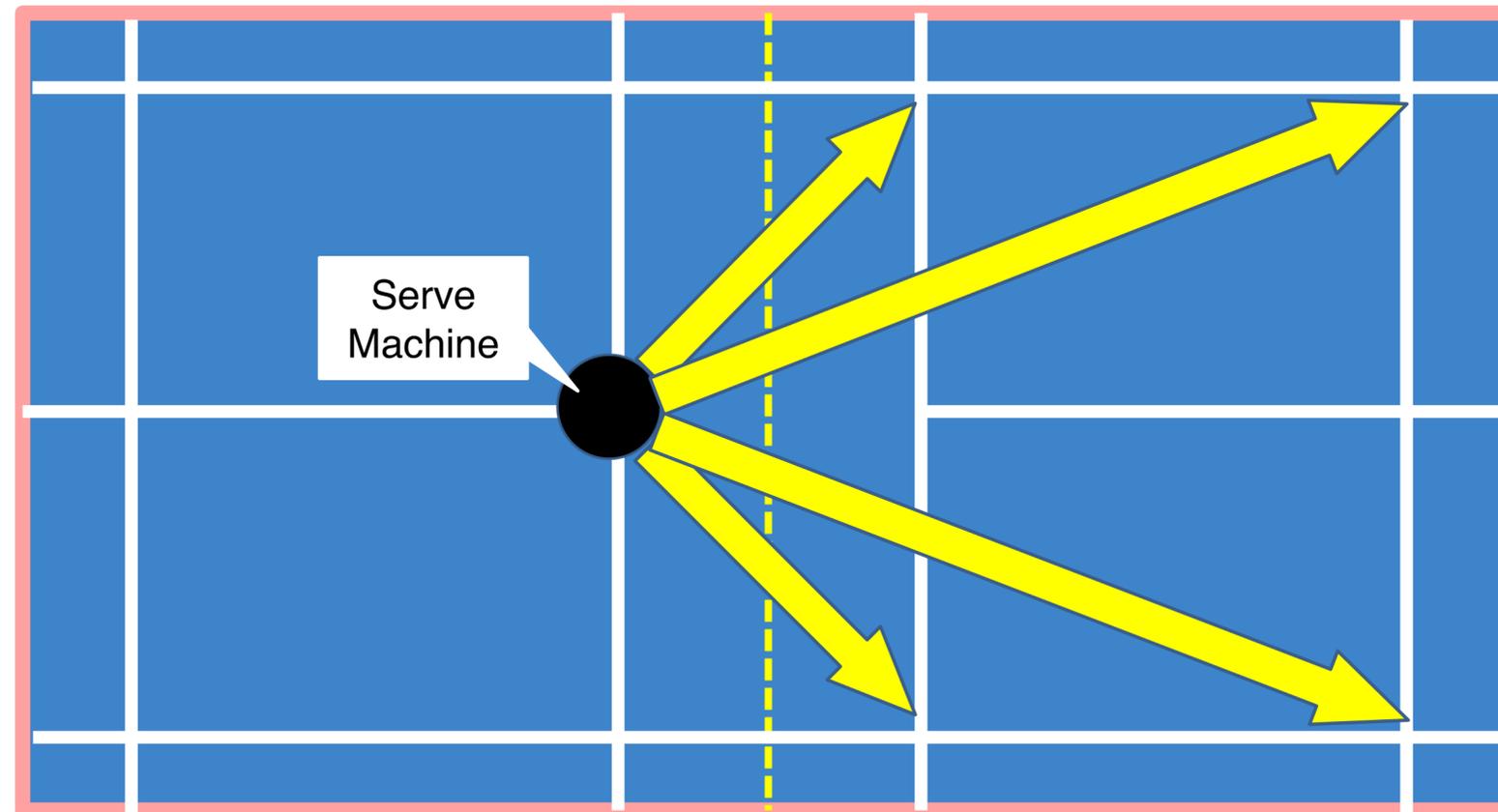
with adjusting serve power and elevation can find different serving line.

Press “**Horiz.oscil.**” button under machine stop condition, **oscillation** indicator lights up, next press “serve” button or press remote button to start training.

▶ Fast Clear Out Cycle Service Mode



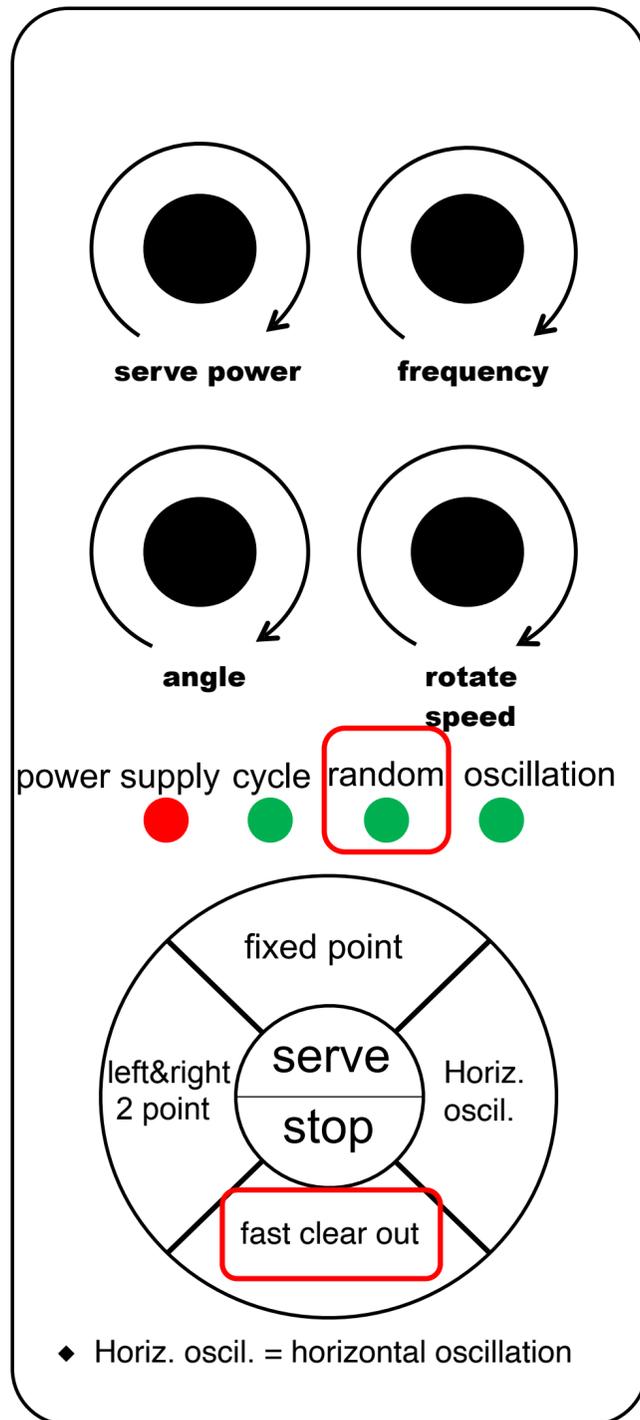
Serve Mode	Tripod height	Elevation Adjusting	Power Knob	Frequency Knob	Angle Knob	Rotate Speed Knob
• fast clear out	1m~1.5m	follow clockwise to the end then follow anticlockwise back one circle	≥ 9	between 1-6	between 2-5	≥ 5



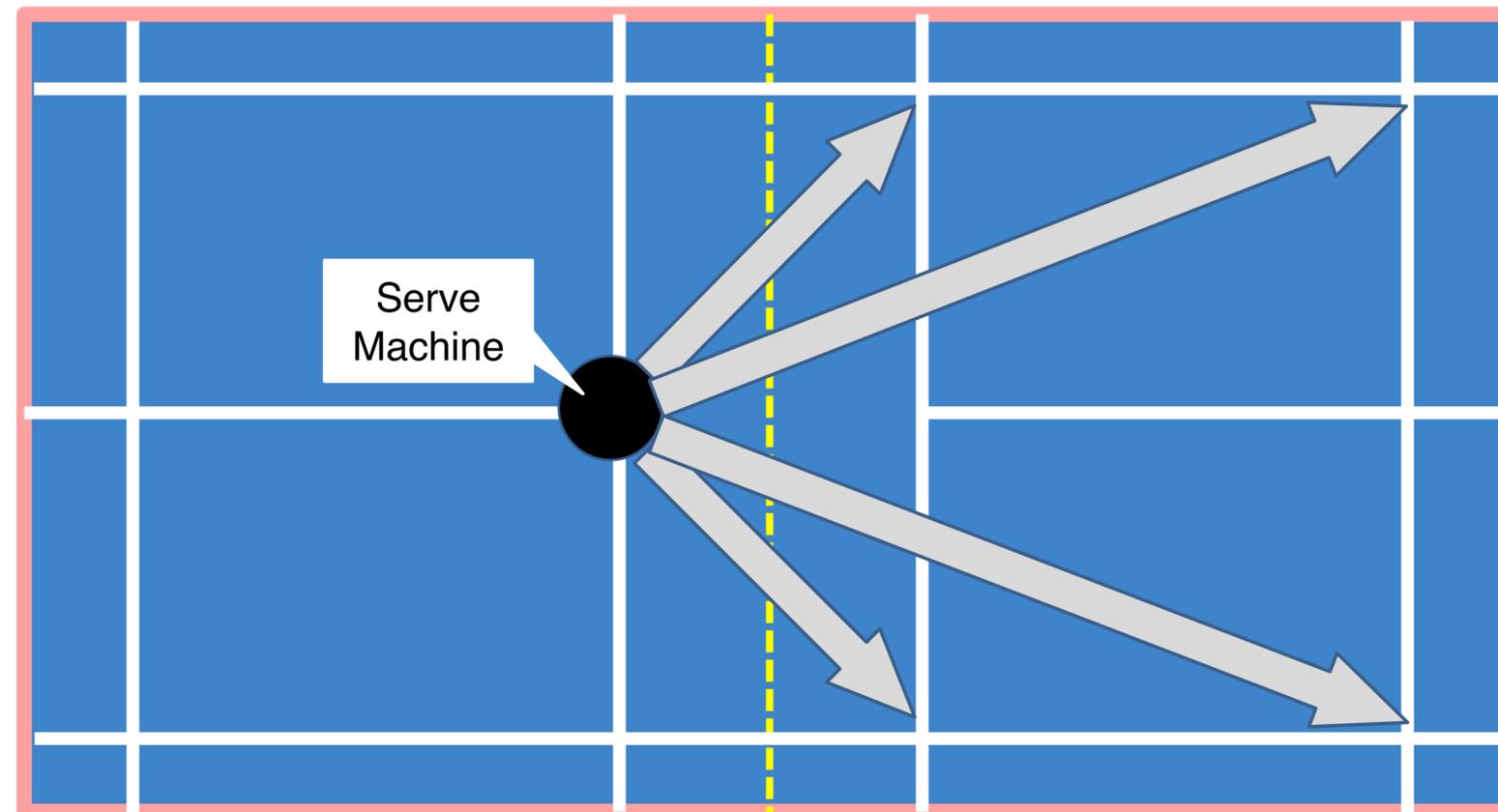
with adjusting serve power and elevation can find different difficult training mode

Press "fast clear out." button under machine stop condition, cycle indicator lights up, next press "serve" button or press remote button to start training.

▶ Fast Clear Out Random Service Mode



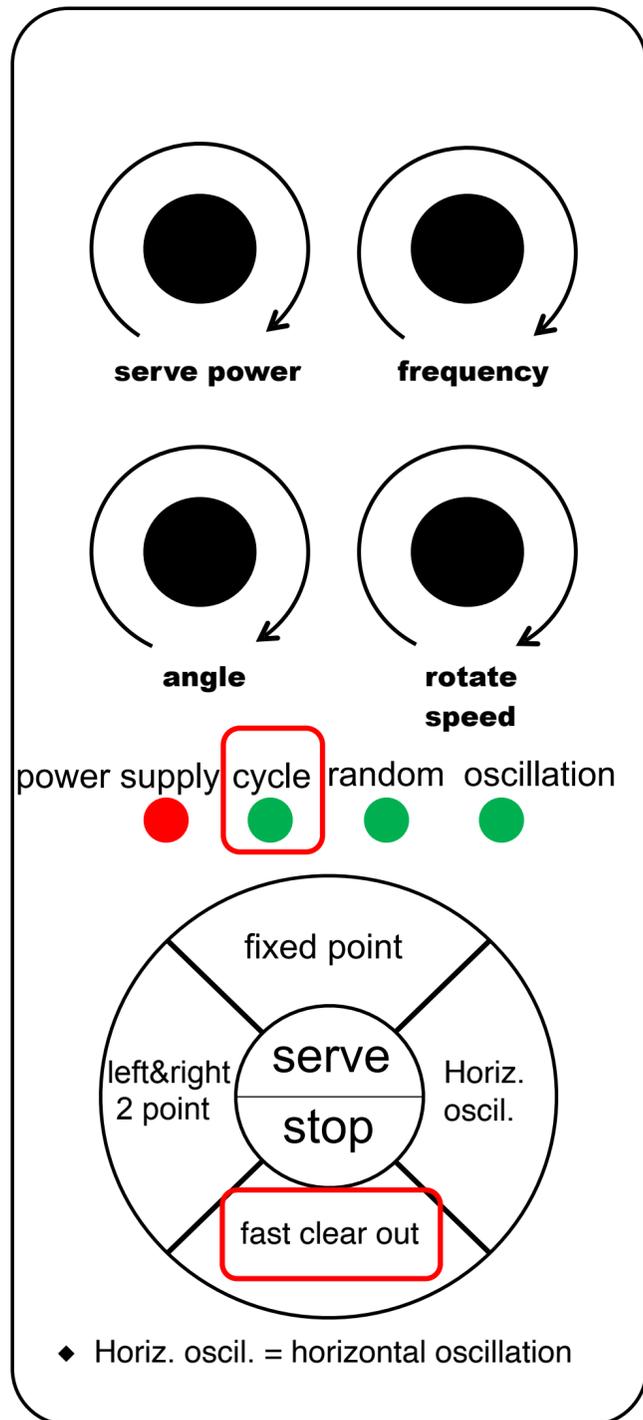
Serve Mode	Tripod height	Elevation Adjusting	Power Knob	Frequency Knob	Angle Knob	Rotate Speed Knob
<ul style="list-style-type: none"> fast clear out 	1m~1.5m	follow clockwise to the end then follow anticlockwise back one circle	≥ 9	between 1-6	between 2-5	≥ 5



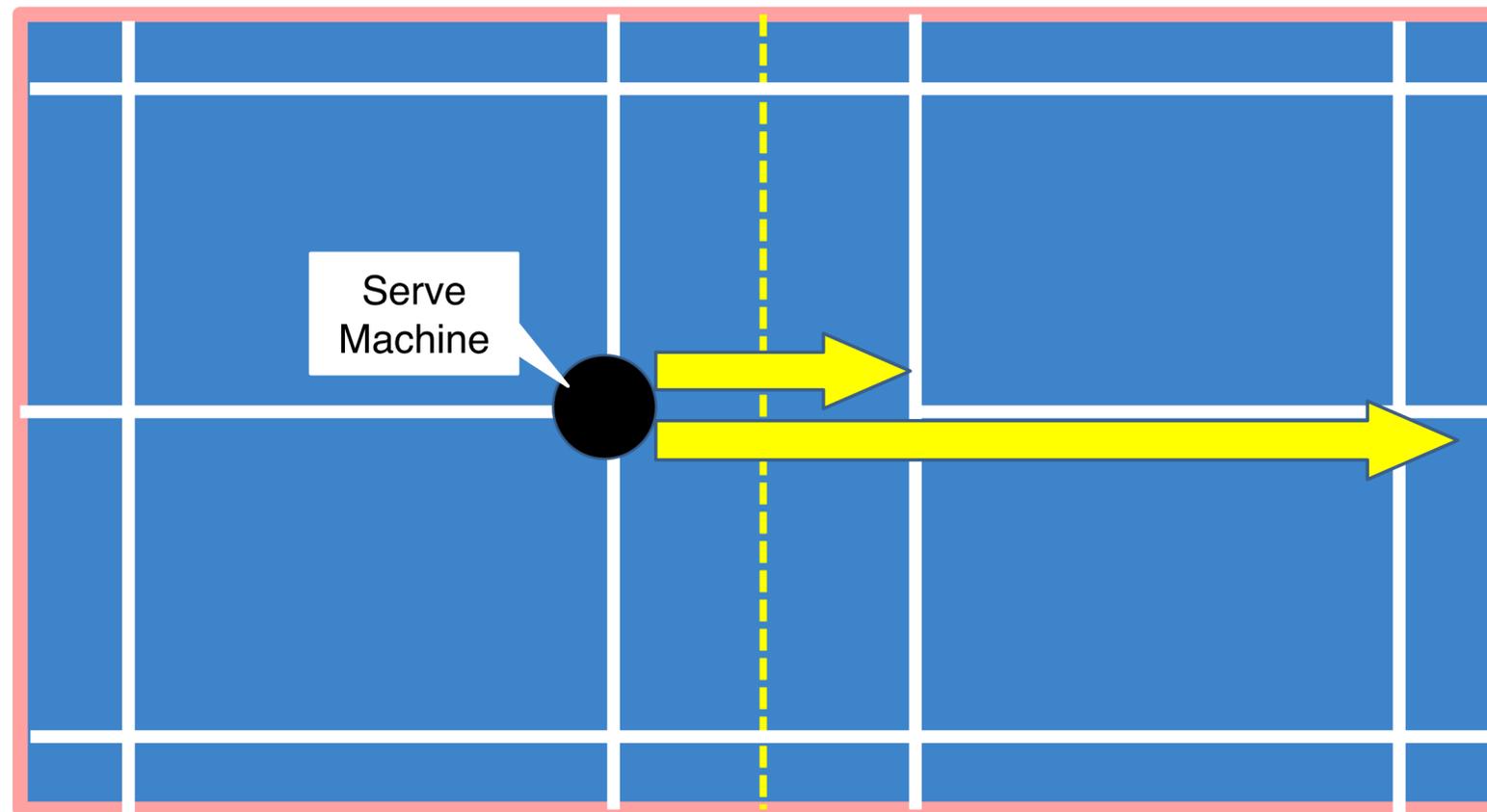
with adjusting serve power and elevation can find different difficult training mode

Press "fast clear out." button under machine stop condition, random indicator lights up, next press "serve" button or press remote button to start training.

Smash Ball Cycle Service Mode



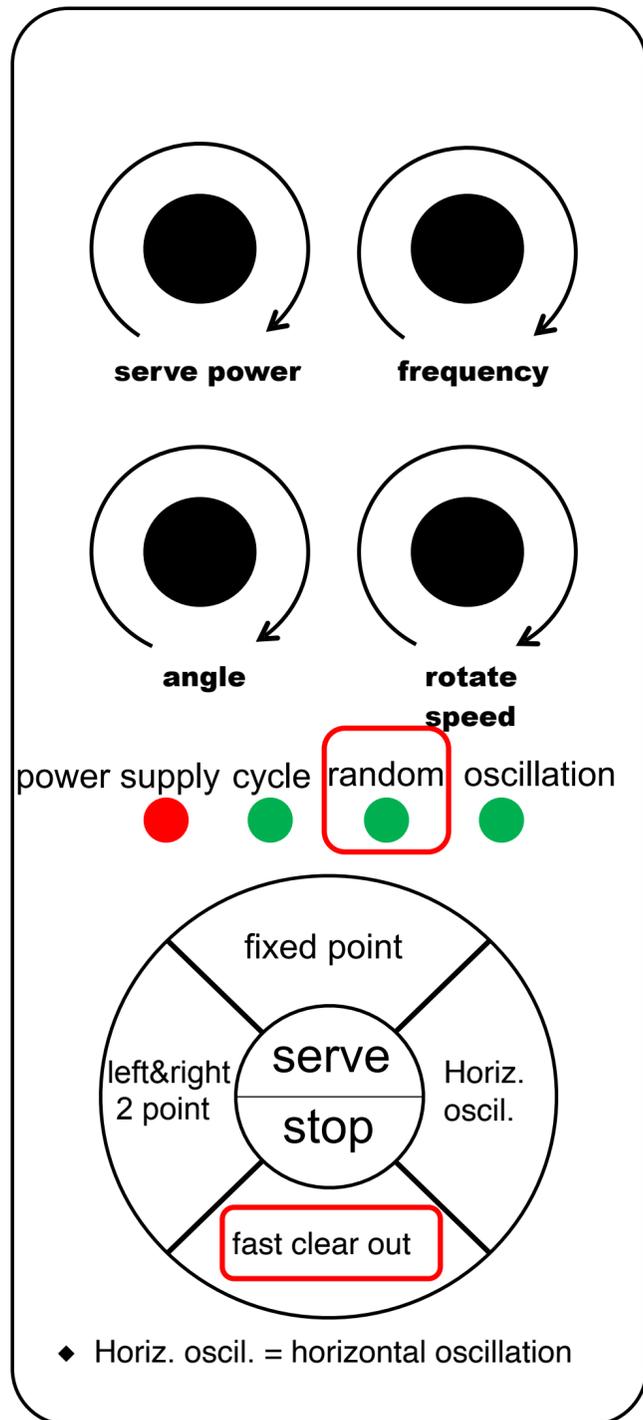
Serve Mode	Tripod height	Elevation Adjusting	Power Knob	Frequency Knob	Angle Knob	Rotate Speed Knob
<ul style="list-style-type: none"> fast clear out 	1m~1.5m	follow clockwise to the end then follow anticlockwise back one circle	$\cong 9$	between 1-6	follow anticlockwise to the end	$\cong 5$



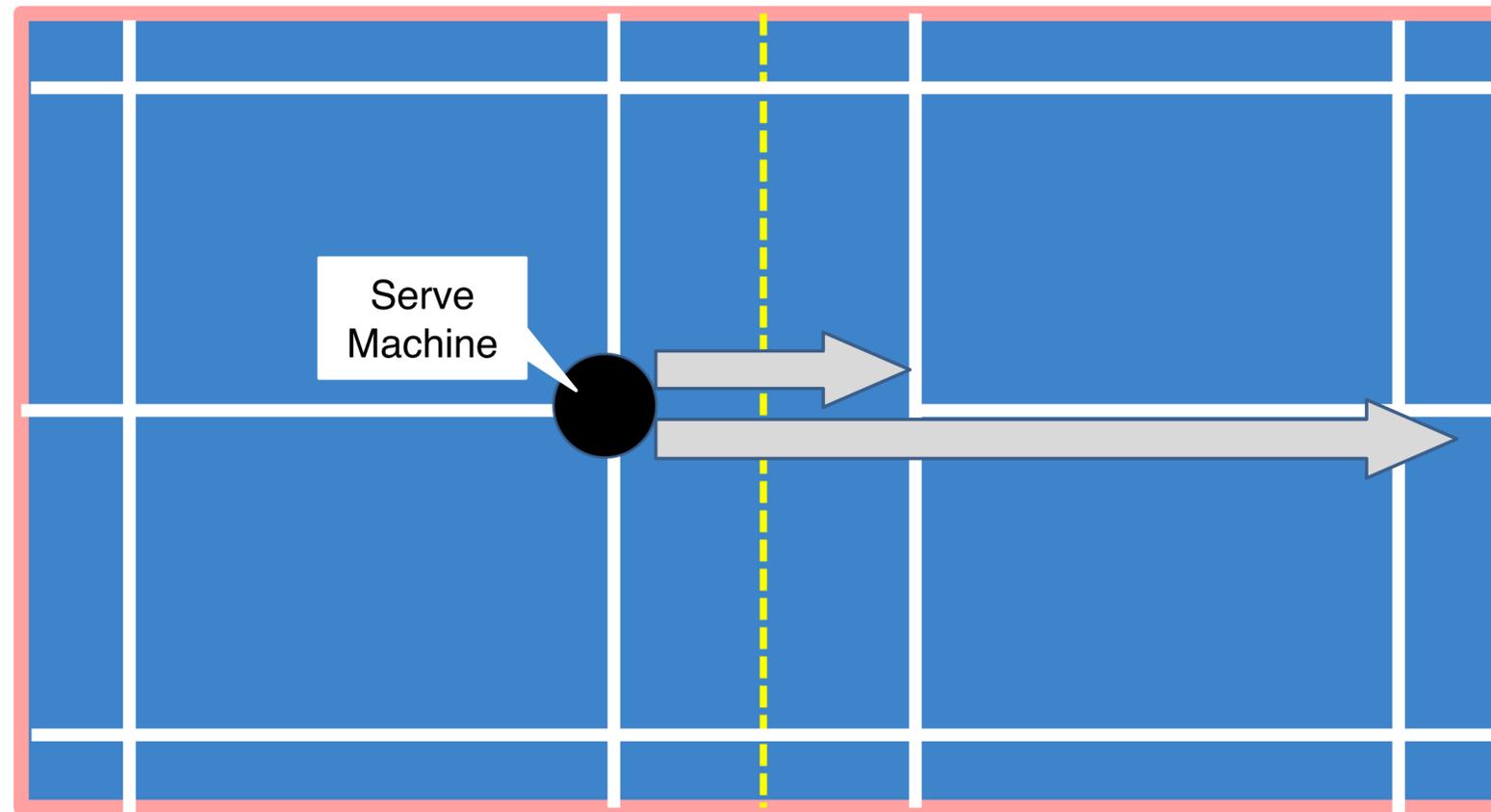
with adjusting serve power and elevation can find different difficult training mode

Press "fast clear out." button under machine stop condition, cycle indicator lights up, next press "serve" button or press remote button to start training.

▶ Smash Ball Random Service Mode



Serve Mode	Tripod height	Elevation Adjusting	Power Knob	Frequency Knob	Angle Knob	Rotate Speed Knob
<ul style="list-style-type: none"> fast clear out 	1m~1.5m	follow clockwise to the end then follow anticlockwise back one circle	$\cong 9$	between 1-6	follow anticlockwise to the end	$\cong 5$



with adjusting serve power and elevation can find different difficult training mode

Press “fast clear out” button under machine stop condition, random indicator lights up, next press “serve” button or press remote button to start training.

Description of Abnormal Ball Shooting Issue

- Please don't use the abnormal shuttlecock as below to prevent jamming issue :
 - the trampled ball
 - badly deformed head ball
 - balls that shed too much hair(more than 3 hair)
 - balls with soft head
- In the event of a jamming ball, need first power off then take out the stuck badminton from machine
- If you use newly opened ball, be sure to separate each ball before putting it into the ball basket, since the new ball has glue, sometimes more than one ball will stick together, which will lead to serve failure (be careful).
- Occasionally the ball is not sent, because the position of the ball has been offset, the machine will automatically adjust.This is normal situation, after adjustment machine can serve again.
- The ball basket must be completely inserted into the bottom of the machine ball hole, otherwise it will lead to unsuccessful ball fetching or abnormal shooting power.

Safety Tips for Product Usage

- To prevent any incidence, there must with adult accompany when teenagers training with machine.
- Our product is not waterproof,so in case of circuit failure ,do not let water or sweat drop into the machine.
- Before use, please check whether there is any foreign matter inside the machine in the power off state.If so, please take it out first and then energize it.
- Please use the special power supply for this product. If you configure the machine by yourself, all faults caused by this product are not covered by the warranty.
- This product can be equipped with lithium battery, but please be careful not to use the lithium battery charger directly to power the machine.
- Please do not put any object into the machine when the machine is energized. Please do not stand within 1 meter in front of the service port.
- When the machine is working, the temperature of the motor is relatively high,so you may get scalded if the skin contacts the motor. Be careful.
- When the machine is in working condition, do not touch any position of the driving wheel in case of any accident.
- Regularly dusting the machine can effectively extend the service life.(When power is off, use vacuum cleaner, soft brush and other tools to remove the debris left in the machine)

Common Faults and Elimination

❑ Faults : Unstable dropping point or more near serving distance.

solution • need readjust the ball basket, it should be well connected to the end of ball tube seat.

❑ Faults : The machine can not pick the ball normally after press the remote button

solution

- check if the power well connect.
- Check whether the frequency knob on the back of the service machine is in the slowest position. It should be turned more than 30 degrees clockwise.
- Check whether the indicator light of the remote control is on after the remote control is pressed. If not, the battery of the remote control should be replaced.
- The remote control should be pressed in the direction of the serving machine.

❑ Faults : The dropping points are scattered.

solution • Because different shuttlecocks have different ball speeds, which can lead to this problem, please try to use the same kind of shuttlecocks for training.

❑ Faults : Abnormal sound occurs when the machine is running

solution

- check if any foreign matters in the machine
- check if the driving wheels are loosed.
- Check whether there is any lubricating oil between the ball pickup clip and the copper taper bar, and there is no excessive foreign matter.
- If a foreign body or excessive dust is found, it is necessary to clean it up and confirm it again.
- If faults still remains, please contact our after-sales service.

Warranty Item



Product Warranty Card

- From the purchase date, 3-year free warranty, lifelong maintenance, free replacement for non-human damage within 1 month (need to keep the product package complete)
- Since the purchase date, lifetime to provide technical support services.
- After the free warranty period, the company will charge the maintenance service fee according to the regulations, and the replacement of parts will be charged according to the cost price.
- The above warranties are given only without any other warranties, express or implied (including the implied warranties of fitness, reasonableness and suitability for a particular and application, etc.) and the Company shall not be liable for any particular, incidental or consequential injury, whether in contract, civil or otherwise.

Product	ADVANCE BADMINTON ROBOT		
Warranty Commencement Date	base on the date of order or delivery		
Customer name		Customer Tel	
Customer Add			

The following conditions are not covered by the free warranty :

- Damage caused by force majeure, eg natural disasters, lightning strikes, etc.
- The damage is caused by improper operation or storage by the user.
- There is a clear physical difference from the original product.
- Damage is caused by voltage or current exceeding the standard of the product.
- Due to compatibility problems with other hardware and electrical appliances.
- Disassembling and assembling by oneself without the consent of the company
- Can pass the normal test.
- Failing to provide the warranty documents or warranty card provided by our company.

customer list		manufacturer	
1		1	
2		2	
3		3	
4		4	



YUVA HORIZON WINGS LTD

ADD : UNIT B,2/F,TUNG N STREET,YAU MA TEI,KOWLOON

TEL : +852 66285295

EMAIL : dayalwings@gmail.com