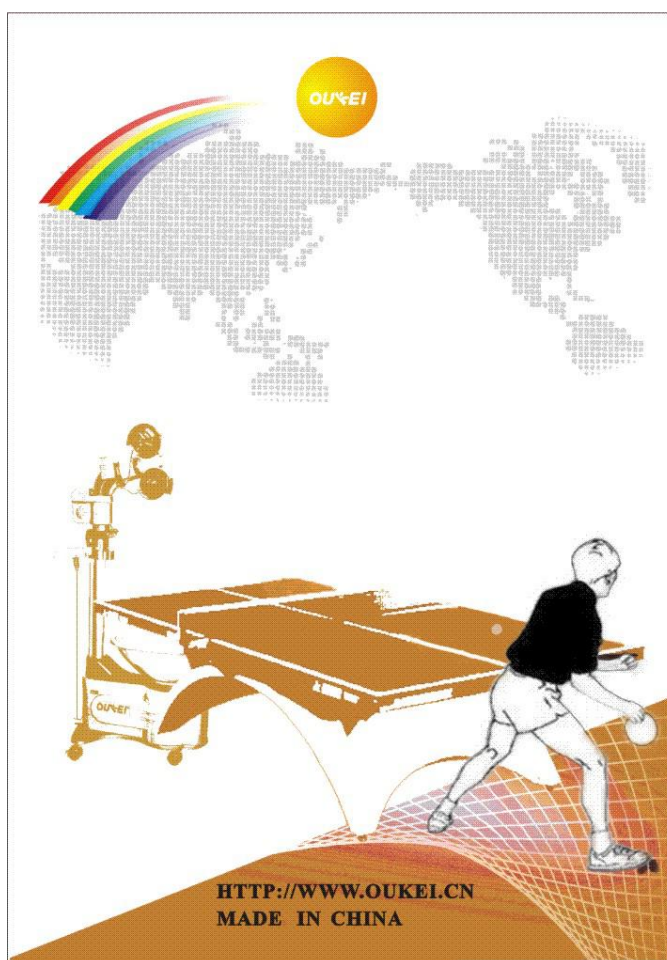


OUKEI(奥奇)

TW-2700-ES8

INSTRUCTION MANUAL

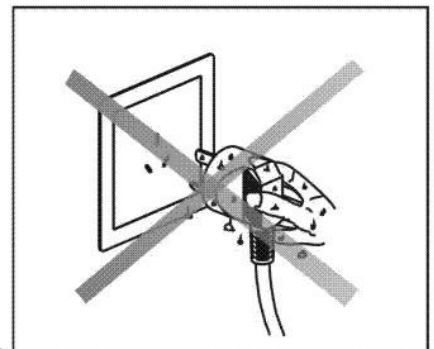
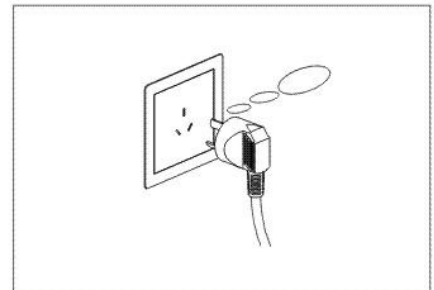


Statement

1. Please read this manual carefully before you start operating the machine.
2. If you encounter problems, contact your supplier or our Product Support Department.
3. The company is not liable for any legal responsibility for any failure or damage due to improper use or handling of the machine.
4. The warranty does not cover any failure or damage due to improper operation, disassembling, or remodeling of the machine.
5. The manual cannot be copied and downloaded without our permission.
6. We reserve the rights to make any changes or modifications to the machine as well as the attachments without further notice.
7. Only 40 mm+ table tennis balls with international standard of one star or above should be used for the robot. (Reminder: Do not reuse the bad balls that are inflated by hot water trying to resume their original shape.)

Warnings

- ★ Make sure the local voltage is:
AC100V~240V,50/60Hz .
- ★ Do not plug in with wet hands as device may short circuit.
- ★ The power plug should be properly grounded to ensure safe operation.
- ★ Please disconnect the power supply when machine is not in use or during unfavorable weather conditions.
- ★ If abnormal conditions occur, please disconnect power supply and unplug the power socket of the machine. Contact your supplier or our product support department to rectify the problem before the machine restarts.
- ★ Please keep away from the serving head when Start/Stop is pressed. Balls served will cause physical damage to your body if you are close to the serving head.



Reminder: Please read the manual carefully prior to any operation to ensure the machine is operated safely, accurately and efficiently.

Basic Features and Functions of The Robot

- * Long range and short range serves can individually be set under different spin intensity and high/low curve. The long range and short range serves can be delivered in their own speed and high/low curve under a combination of serves.
- * Use digital control to set serves landing on the table accurately as desired.
- * Double spin technology ensures different degrees of speed, curve and spin are served. 9 types of spin including no spin are provided.
- * Serves can be set to land on 1-18 points with 9 long and 9 short serves from left to right on the entire width of the table.
- * The levels of top-wheel speed, bottom-wheel speed, curve and serving frequency are shown on digital display, making the adjustment of serves more accurate and precise.
- * Self programming allows players to set long range and short range serves in their own serving parameters under a combination of serves. Two programs are provided to restore.
- * There are 6 mode selections to choose from:
 1. Fixed mode Either long range or short range serves are selected. Various kinds of serves land continuously at one point to be chosen from 1-9 points across the table.
 2. Service mode Balls land on both sides of the table. Top spin or back spin can be selected.
 3. Random mode Either long range or short range serves land randomly on 1-9 possible points across the table, with a choice of landings on the entire width of the table, only the left side or only the right side.
 4. L+S Random mode Both long and short range balls are served randomly on 1-9 possible points across the entire width of the table.
 5. Built-in mode There are 39 built-in serve combinations for players to choose. They consist of serves of top spin, back spin, long range and short range designed for offense/defense and footwork training.
 6. Program mode A combination of various landings can be set on the table as desired by the player. Serves will land on the points as set under Program 1 or Program 2.
- * Equipped with a timer and ball counter on digital display.
- * Equipped with a memory function that can restore the most recent setting for repeat training or use.
- * Equipped with a reset function that can restore to the factory recommended parameters.
- * Equipped with a ball collection net that helps to collect the returned balls into the collection dish of the robot, saving time and increasing efficiency.

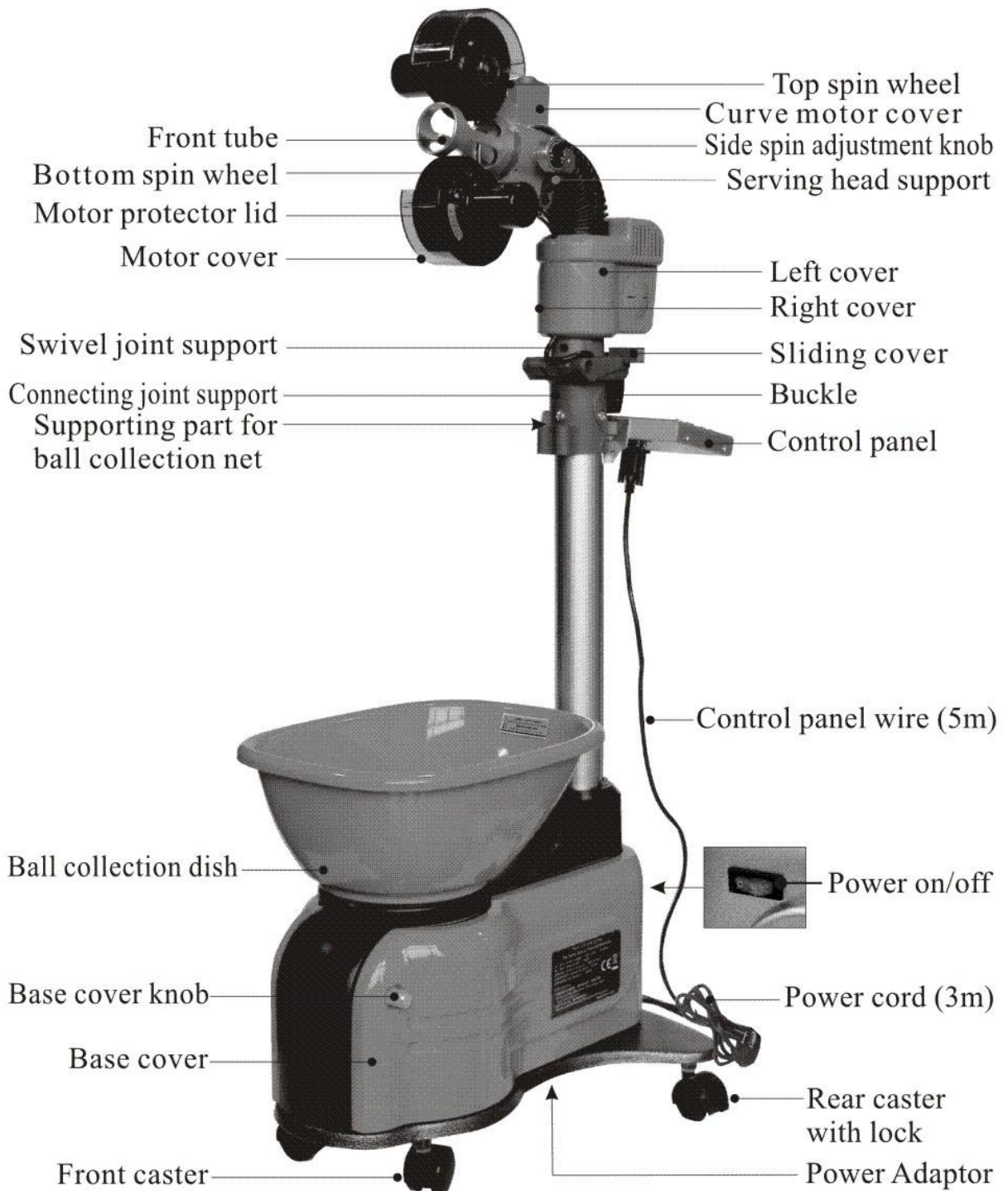
Factory Reset And Recommended Parameters

Type of Spin		Long			Short			Serving Frequency
		Top-wheel speed	Arc	Bottom-wheel speed	Top-wheel speed	Arc	Bottom-wheel speed	
Factory Reset	Top Spin	5.2	25	1.6	4.6	28	1.2	50
	Indirect(Top)				2.6	32	0	45
	Indirect(Back)				0.9	28	2.4	45
	Back Spin	1.0	14	4.1	1.0	28	3.5	45
Recommended Parameters	Top Spin	3.0~7.0	10~60	0.5~4.0	3.0~5.0	10~60	0.5~4.0	60
	Back Spin	0~2.5	10~60	3.0~5.5	0~2.0	10~60	2.5~5.0	45

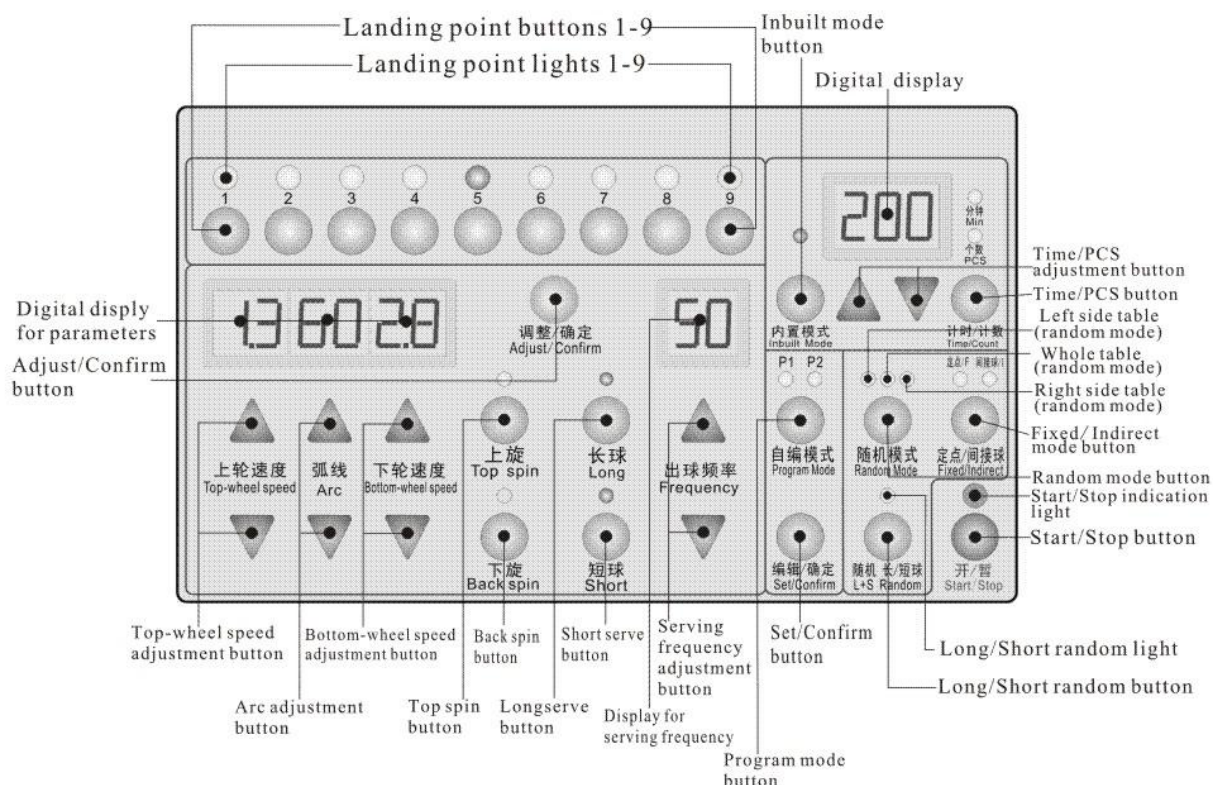
Hints: Please use Factory Reset Parameters when using the robot at the first time. Press Start/Stop to confirm and operate. Users can adjust and set the parameters based on their level of technique

Table of Contents	Page
A. Parts	P1
B. Functions of The Control Panel	P2
C. Reset of Factory Recommended Parameters	P2
D. Installation	P3
E. Installation of The Ball Collection Net	P4
F. Start And Stop for The Robot	P5
G. Functions And Use of The Control Panel	
I. Start And Stop	P6
II. Adjustment of Serving Frequency	P6
III. Selection of Spin Type and Adjustment of Spin Speed	P6
IV. Selection of Long or Short and Adjustment for Curve.....	P6
V. The Setting of Fixed Mode	P7
VI. The Setting of Indirect Mode	P7
VII. The Setting of Random Mode	P7
VIII. The Setting of L+S Random Mode	P8
IX. The Setting of Program Mode	P8
X. The Setting of Combinatins of Serves	P8
XI. The Setting of Inbuilt Mode	P9
XII. The Setting of Adjust/Confirm	P9
H. Choice of Spin Types	P10
J . Capacity of Ball Collection Dish	P10
K. Maintenance	P10
L. Troubleshooting	P11
M. Fixing A Jam	P11
N. Adjustment And Replacement of Spin Wheel	P12
P. Fuse Replacement	P13
Q. Packaging Information	P13

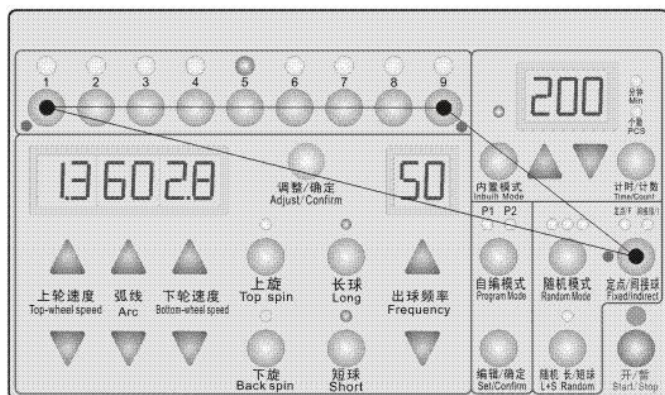
A. Parts



B. Functions of The Control Panel



C. Reset of Factory Recommended Parameters



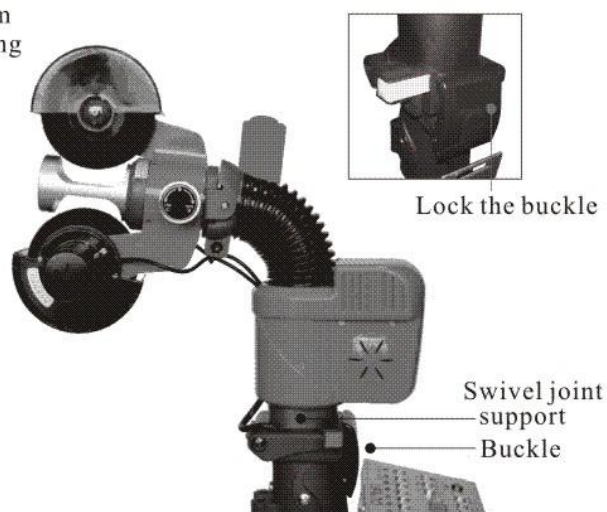
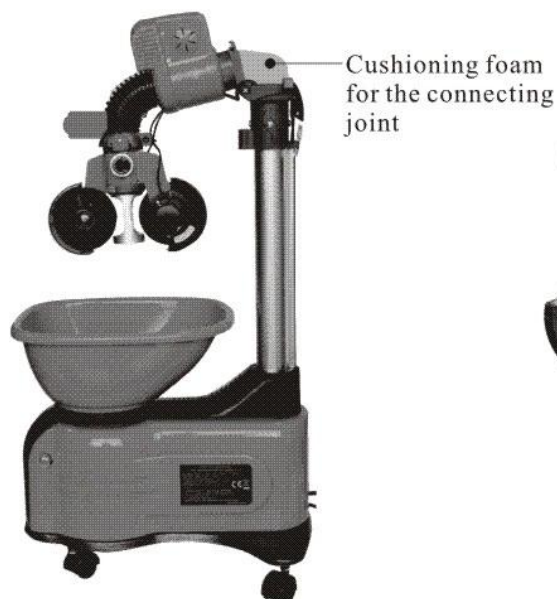
When parameters set are found abnormal, the reset of factory recommended parameters is needed.

Press and hold simultaneously the following buttons for 3 seconds, the factory recommended parameters are reset.

Landing point 1 button
Landing point 9 button
Fixed/indirect button

Hints: There is a red dot beside each of the above 3 buttons.

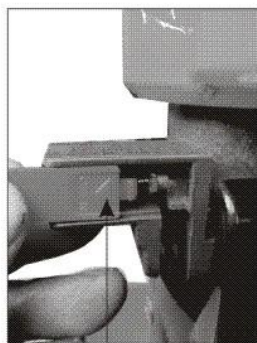
D. Installation



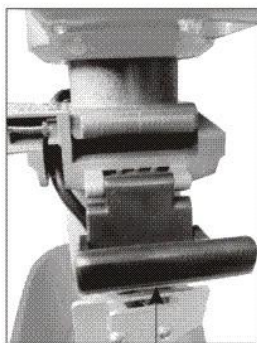
1. Open the carton, remove the cushioning foam and place the robot gently on the ground. Remove the transparent plastic bag and the cushioning foam for the connecting joint.

2. Gently lift the serving head all the way until it is automatically locked. While lifting the serving head a little bit further, flip and lift the buckle against the swivel joint support and press downward to have the serving head completely locked.

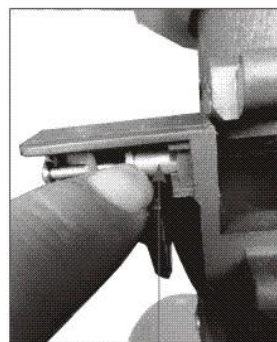
Folding of The Serving Head



(1). Slide to open.

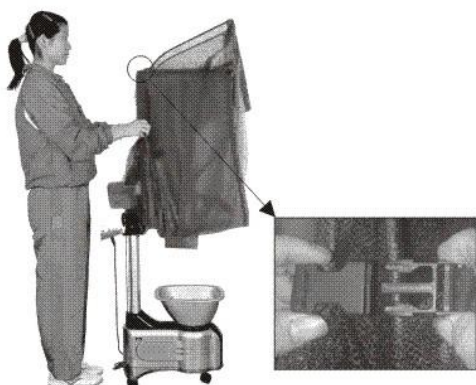


(2). Slightly lift the serving head and unlock the buckle.

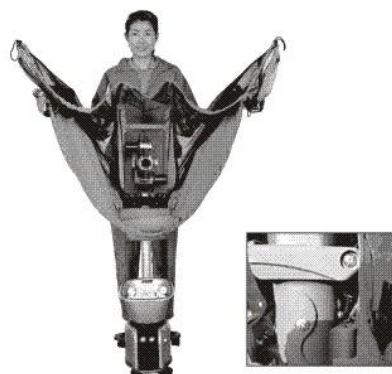


(3). While slightly holding up the serving head, release the safety lock (in red) by moving it to the left. Slowly let go the serving head, which will automatically be lower and stopped.

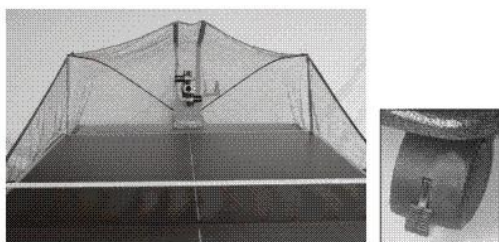
E. Installation of The Ball Collection Net



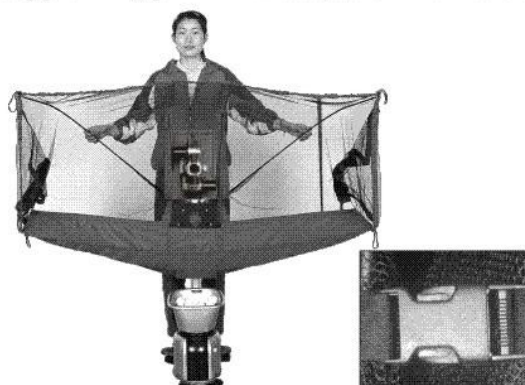
1. Unlock the buckle of the ball connection net.



2. Slightly unfold the ball collection net. Place the hole of the net onto the serving head. Insert the ball collection net into the net supporting part at the front of the robot.



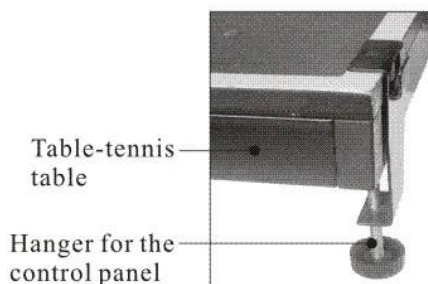
3. Move the robot close to the table and lock the casters. Fasten the velcro of the ball collection net to the middle net of the table.



4. After use, reverse the previous steps to fold the ball collection net. Lock the buckle, release from the robot and store.



Completed installation is shown in the picture above



★ The hanger can be placed anywhere on the side of the table. It is more convenient for the players to get access to the control panel when it is attached to the hanger.

F. Start And Stop for The Robot



1 Insert the plug into the power supply. Switch on the robot and the power indication light will turn on.

2 The light for the Start/Stop button on the control panel will turn red. The serving parameters, serving frequency and ball or time count will be displayed on the screen (the settings last used before the robot powers off will be restored and displayed). Set the spin level and serving frequency according to the factory recommended parameters when the robot is used at the first time. Press the Start/Stop button, the light for which turns green and the robot will start.

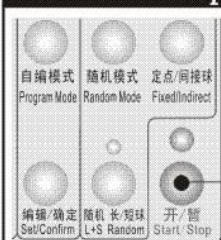
3 Press the Start/Stop button once again, the light for which turns back to red and the robot will stop.

Caution

1. Please keep away from the serving head when Start/Stop button is pressed. Balls served will cause physical damage to your body if you are close to the serving head.
2. Please disconnect the power supply when the robot is not in use.

G. Functions And Use of The Control Panel

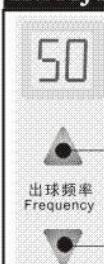
I. Start And Stop



Start/Stop button

- 1 Press the **Start/Stop** button once, the light for which will turn from red to green and the robot will start.
- 2 Press the **Start/Stop** button once again, the light for which will turn back to red and the robot will stop.

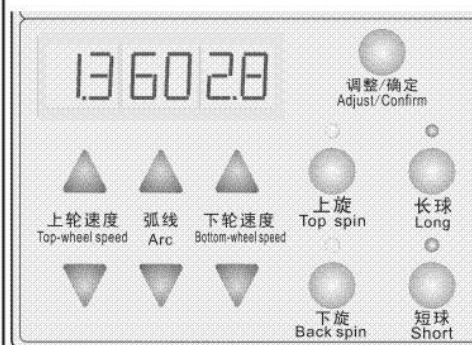
II. Adjustment of Serving Frequency



- 1 Press the **▲** button once, the number on the digital display will be increased by one. One more serve is set pre minute. Hold down the **▲** button and the number on the digital display will quickly be increased until 99.
- 2 Press the **▼** button once, the number on the digital display will be decreased by one. One fewer serve is set per minute. Hold down the **▼** button and the number on the digital display will quickly be decreased until 30.

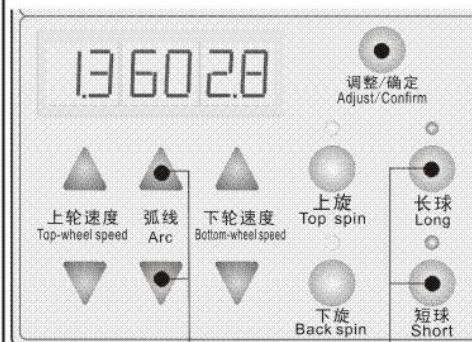
Hints: Adjustment of serving frequency can be made whenever the robot is in operation.

III. Selection of Spin Type and Adjustment of Spin Speed



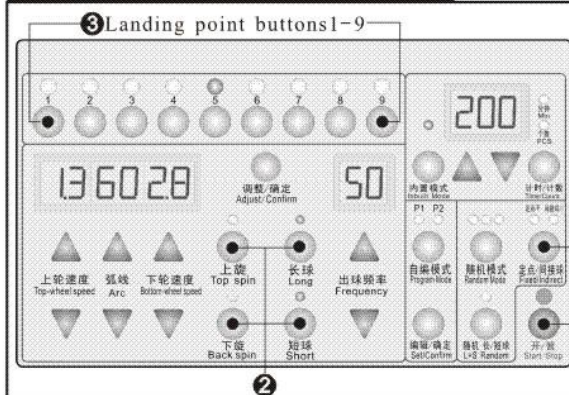
1. Selection of top spin or back spin
Press the **Top spin** or **Back spin** button, the light for which will turn on. Corresponding light for Long or Short turns on as well. The numbers shown on the digital display indicate the parameters for top-wheel speed and bottom-wheel speed last used and restored.
2. Adjustment of top-wheel speed and bottom-wheel speed
Press adjustment buttons **▲** for top-wheel speed and bottom-wheel speed. The corresponding number on the digital display will be shown from 0.0 to 9.9, the greater the number, the higher the speed will be. Press the **▲** or **▼** button once, the number will be increased or decreased by 0.1. Hold down the **▲** or **▼** button and the number on the digital display will quickly be increased or decreased.

IV. Selection of Long or Short and Adjustment for Curve



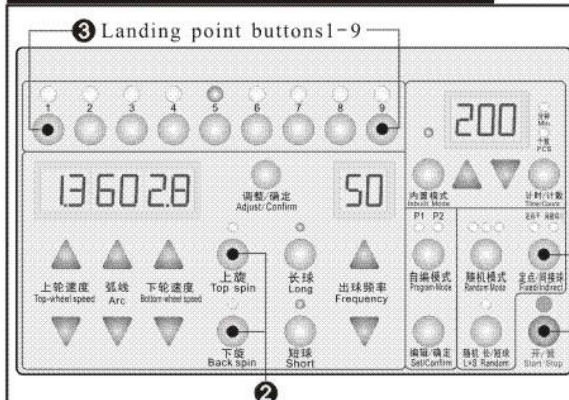
- 1 Selection for long range or short range serve
Press **Long** or **Short** button, the light for which will turn on. The number shown on display in red or green indicates that the long serve or short serve is selected respectively. The numbers shown on the digital display denote the parameters for top-wheel speed, bottom-wheel speed and arc last used and restored.
- 2 Adjustment of serving curve
Press adjustment buttons **▲** for arc. The corresponding number on the digital display will be shown from 0 to 99, the greater the number, the higher the arc will be. Press the **▲** or **▼** button once, the number will be increased or decreased by 1. Hold down the **▲** or **▼** button and the number on the digital display will quickly be increased or decreased.

V. The Setting of Fixed Mode



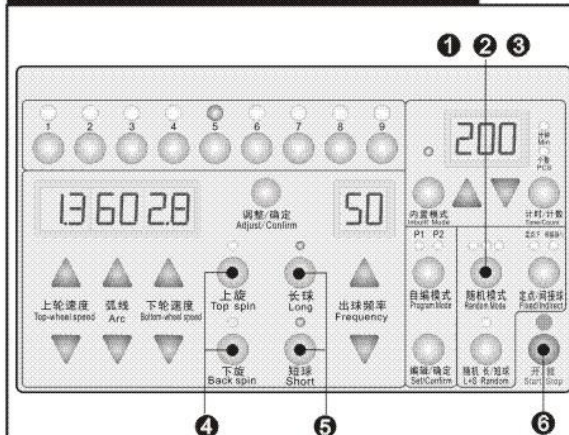
- ① Press the **Fixed/Indirect** button until the light for 'F' turns on.
- ② Press the **Long** or **Short** button to select long range serve or short range serve. The corresponding light for Long or Short will turn on. Press the **Top spin** or **Back spin** button to select top spin or back spin. The corresponding light for Top spin or Back spin will turn on.
- ③ Press one of the landing point buttons to select the landing point you desire. The corresponding light will turn on. The light in red or green indicates that the Long serve or Short serve is selected respectively.
- ④ Press the **Start/Stop** button to start the robot. Balls will continuously land on the point you have selected.

VI. The Setting of Indirect Mode



- ① Press the **Fixed/Indirect** button until the light for 'I' turns on.
- ② Press **Top spin** or **Back spin** button, the light for which will turn on.
- ③ Press one of landing points buttons to select the landing point you desire. The corresponding light will turn on.
- ④ Press the **Start/Stop** button to start the robot. The corresponding light turns from red to green. Balls will continuously land on both side of the table at the point you have selected.

VII. The Setting of Random Mode

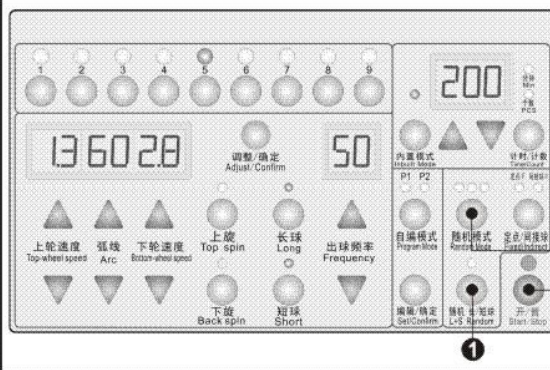


Before the mode is run, settings of spin type, Long/Short and serving curve must first be made under the Fixed Mode.

- ① Press the **Random Mode** button once. The middle light for the mode will turn on green. Balls served will land randomly on 1-9 points across the entire width of the table.
- ② Press the **Random Mode** button once again. The right light for the mode will turn on green. Balls served will land randomly on 5-9 points at the right side of the court only.
- ③ Press the **Random Mode** button once again. The left light for the mode will turn on green. Balls served will land randomly on 1-5 points at the left side of the court only.
- ④ Press the **Top spin** or **Back spin** button to select the top spin or back spin serve.
- ⑤ Press the **Long** or **Short** button to select long range serve or short range serve.
- ⑥ Press the **Start/Stop** button and the random mode is activated in accordance with the above step ① ② or ③ selected.

Hints: If adjustment of serving parameters is needed, press the Adjust/Confirm button or enter the Fixed Mode to set

VIII. The Setting of L+S Random Mode

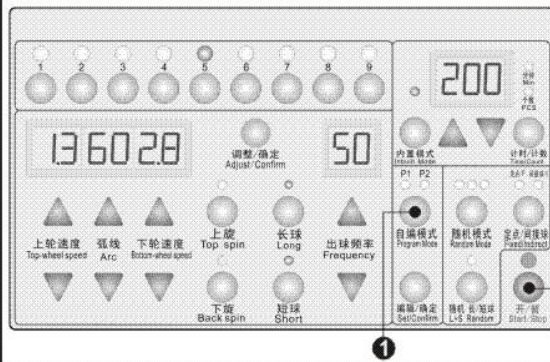


Before the mode is run, settings of spin type, Long/Short and serving curve must first be made under the Fixed Mode.

- 1 Press the **L+S Random Mode** button, the light for which will turn on. One of the lights for Random Mode is lit.
- 2 Press the **Random Mode** button to select as you desire the serve landings on the whole width of the table, the left side only or the right side only.
- 3 Press the **Start/Stop** button to activate the mode. Both long range and short range balls are served randomly on the table in accordance to the setting of step 2 above.

Hints: If adjustment of serving parameters is needed, press the Adjust/Confirm button or enter the Fixed Mode to set.

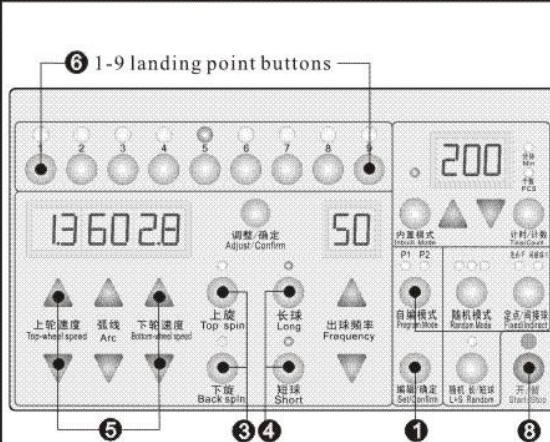
IX. The Setting of Program Mode



- 1 Press the **Program Mode** button until the light for P1 (program 1) or P2 (program 2) that you desire and select turns on.
- 2 Press the **Start/Stop** button, the light for which will turn from red to green. The P1 or P2 is activated.

Hints: If adjustment of serving parameters is needed, press the Adjust/Confirm button to set during the machine in operation.

X. The Setting of Combinations of Serves



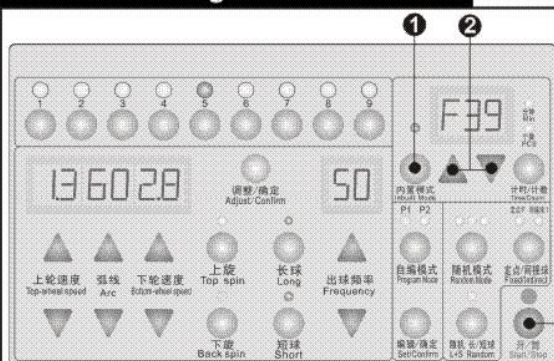
Before the combination is programmed, settings of spin type, wheel speed, Long/Short and serving curve that you desire must first be set under the Fixed Mode.

- 1 Press the **Set/Confirm** button. One of the lights for P1 and P2 is lit; one of the lights for Top spin and Back spin turns on; one of the lights for Long and Short illuminates and one of the lights for 1-9 landing points turns on. (Note: If the Set/Confirm button is pressed during operation in a running mode, the machine will stop and enter into the Combination of Serves Setting Mode.)
- 2 Press the **Program Mode** button to select P1 or P2. Corresponding light for P1 or P2 turns on.
- 3 Press **Top spin** or **Back spin** button to select top spin or back spin serve. Corresponding light for top spin or back spin turns on.
- 4 Press **Long** or **Short** button the light for which turns on.
- 5 Press the adjustment button for Top-wheel speed and Bottom-wheel speed to set the serving parameters.
- 6 Press one of the numbered buttons to select the landing point desired. the corresponding light for the landing point selected turns on. The first serve is set and saved. The spin type and speed are now fixed and can not be adjusted for the following serves to be set.
- 7 Repeat the above steps 4-6 to set and save the 2nd, 3rd, serve. Thus, the combination of serves can be set to consist of long and short serves with various landing on 1-9 points across the table.
- 8 Press the **Set/Confirm** button or **Start/Stop** button to activate the program. Serves are delivered in accordance to the settings made under the above steps 4 to 7.

Hints

1. Up to maximum 32nd serve can be set and saved in a combination. Any landing point can repeatedly be selected with no restriction.
2. Withdrawal of the combination set in progress can be made at any time by pressing the Fixed/Indirect button or Random Mode button. The last program previously completed and set remains unchanged.
3. The current settings will override the last program previously set.

XI. The Setting of Inbuilt Mode



There are 39 built-in combinations in total. In running a combination, Top-wheel speed, Bottom-wheel speed and serving frequency can be adjusted and restored but the landing points are Fixed and can not be changed.

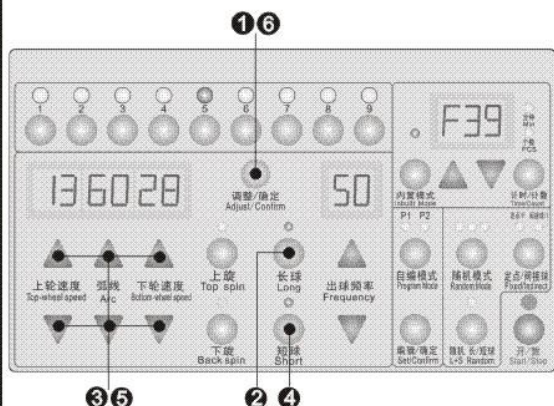
- 1 Press the **Inbuilt Mode** button, the light for which turns on. The number shown on the digital display denotes one of the inbuilt combinations in use.
- 2 Press the **▲▼** button to select the inbuilt combination you desire.
- 3 Press the **Start/Stop** button and the selected combination is activated.

Hints: If adjustment of serving parameters is required, start the machine and press the Adjust/Confirm button to set.

Contents of Built-in Combinations

Program#	Spin type,Long/Short Landing point	Spin type,Top-wheel Speed/Arc/Bottom-wheel speed	Serving Frequency	Program#	Spin type,Long/Short Landing point	Spin type,Top-wheel Speed/Arc/Bottom-wheel speed	Serving Frequency
1	Topspin,L7, 3	Top spin 5.2/25/1.6	45	24	Topspin,S9/L7, 2	Top spin,L5.2/25/1.6 Top spin,S4.6/28/1.2	60
2	Topspin,L8, 2			25	Topspin,L1, 1/S7		
3	Topspin,L9, 5			26	Topspin,S5/L9, 2		
4	Topspin,L7, 2			27	Backspin,S8, 8/L3, 2	Back spin,L1.0/12/4.2 Back spin,S1.0/28/3.5	55
5	Topspin,L7, 1			28	Backspin,S2, 5/L2, 7		
6	Backspin,L7, 3	29	Backspin,S5, 2/L7, 2				
7	Backspin,L5, 8	Back spin 1.0/14/4.1	45	30	Backspin,S9, 4/L1, 4	Top spin,L5.4/15/1.8 Top spin,S4.6/28/1.2	60
8	Backspin,L8, 3			31	Topspin,L3, 2/S7/L2		
9	Backspin,L5, 2			32	Topspin,S7, 9/L3, 3		
10	Backspin,L5, 9			33	Topspin,S9, 4/S9, 4		
11	Topspin,S2/L7			Top spin,L5.2/25/1.6	50	34	Topspin,S9, 9/L3, 5
12	Topspin,S8/L3	35	Backspin,S7, 3 Topspin,L2, 7			Back spin,S1.0/28/3.7 Top spin,L5.4/15/1.8 Back spin,L1.0/12/4.3 Top spin,S4.6/28/1.2	60
13	Topspin,S5/L1	36	Topspin,L3, 2 Backspin,S7/L3				
14	Topspin,S9/L3	37	Backspin,S8, 3/L2, 7				
15	Topspin,S7/L1	Top spin,S4.6/28/1.2	55			38	Backspin,L2 Topspin,L2/S7 Backspin,S5
16	Topspin,S2/L2, 5			39	Backspin,S1/L8 Topspin,L2, 7	Back spin,S1.0/28/3.8 Back spin,L1.0/10/4.4 Top spin,L5.6/16/2.0	70
17	Topspin,S2/L7, 7						
18	Topspin,S3, 3/L3						
19	Topspin,S8/L8, 3						
20	Backspin,S8/L3, 2						
21	Backspin,S9/L5, 5	Back spin,L1.0/12/4.2 Back spin,S1.0/28/3.5	50				
22	Backspin,S2/L7, 2						
23	Backspin,S1, 7/L2						

XII. The Setting of Adjust/Confirm



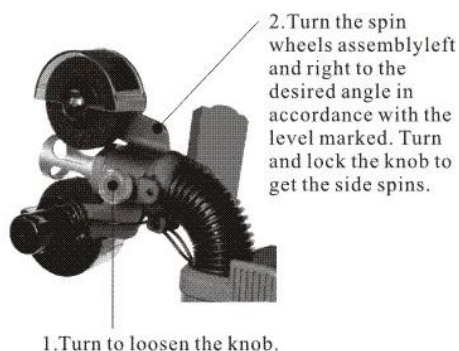
The Adjust/Confirm button is designed for use when adjustment for top-wheel speed, bottom wheel speed and serving curve is needed under the processing of Program Mode or Inbuilt Mode.

- 1 Press the **Adjust/Confirm** button. The numbers for Top-wheel speed, Arc and Bottom-wheel speed shown on the digital display will blink individually. Lights for Top spin/Back spin and Long/Short will blink for selection, or illuminate for being set.
- 2 Press the **Long** button. The corresponding parameters for Top-wheel speed, Arc and Bottom-wheel speed will blink.
- 3 Press the **▲▼** buttons to adjust as desired the spin intensity, length and arc of the long range serves by observing the serves being delivered on the table under either of the 2 modes.
- 4 Press the **Short** button. The corresponding parameters for Top-wheel speed, Arc and Bottom-wheel speed will blink.
- 5 Press the **▲▼** buttons to adjust as desired the spin intensity, length and arc of the short range serves by observing the serves being delivered on the table under either of the 2 modes.
- 6 Press the **Adjust/Confirm** to confirm the adjustments.

Note: Under Inbuilt combination #35-39, there is setting for both topspin and backspin serves. Adjustment of intensity for topspin and backspin along with the arc for long range and short range serves can individually be made under this function key.

H. Choice of Spin Types

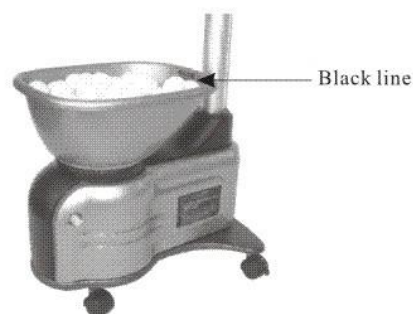
There are 9 spin modes to choose from: top spin, back spin, left side spin, left side top spin, left side back spin, right side spin, right side top spin, right side back spin and no spin (straight). Each type of spin can be obtained from the selection of top spin or back spin and/or from adjustment for the angle of the spin wheels assembly (as the picture on the right shows).



J. Capacity of Ball Collection Dish

Capacity: 90 pcs of 40mm-ball. Balls put in the dish should not exceed the black line on the inside of the dish.

Note: nothing other than table tennis balls should be placed in the dish. Otherwise, it may cause machine failure or damage to the parts.



K. Maintenance

1. The robot and the control panel should be prevented from strong vibration and from getting wet. Failure to do so will cause short circuit or electricity leakage resulting in damage to the electrical and electronic components.
2. After a period of use, there will be wear and tear on the spin wheels, causing slower serving speeds than usual. Adjust the distance between the two wheels to resume the effectiveness of the serves. Please see chapter N.
3. After use for 1 to 2 months, dust and dirt might gather in the ball running track. Remove all balls from the ball running track. Clean the track with a wet cloth and spray some car cleansing wax (spray type) in the track from the ball entrance and exit.
4. When the robot is not in use for a longer period of time, please disconnect the power supply and cover the robot with cloth or a plastic bag.

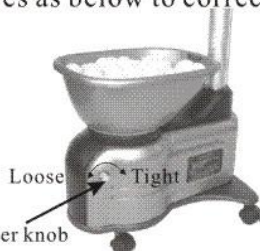
L. Troubleshooting

Problem	Characteristic	Solution
The machine doesn't work	1. Lights on the control panel are not lit.	Check if the power plug is properly connected.
		Check if the power on/off is switched to 'On'.
		Check if the plug of the control panel wire is completely connected to the control panel.
		Disconnect the power supply. Check if the fuse (3.15A) connected to the computer board is broken. See P.13
	2. Lights on the control panel are lit but all motors don't work.	Check if the On/Off button on the control panel is pressed to switch on (corresponding light is green) .
		Disconnect the power supply. Check if the fuse (3.15A) connected to the computer board is broken. See P. 13
		Check all plugs for control panel and computer board are completely connected.
	3. Lights for 3 function modes and Start/Stop on the control panel all blink.	Disconnect power supply. Check if there is a jam. See the same page below. (Note: Please don't let damaged balls come into the ball running track.)
		After use for 1 to 2 months, dust and dirt might gather in the ball running track. Remove all balls from the ball running track. Clean the track with a wet cloth and spray some car cleansing wax (spray type) in the track from the ball entrance and exit.
Control panel doesn't work	1. Lights on the control panel blink.	Disconnect the power supply. Restart the robot after 10 seconds.
	2. Start/Stop button is out of order.	Disconnect the power supply. Check if the plug at the back of the control panel is loosened. Restart the machine.

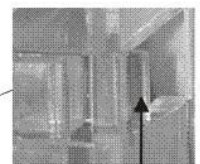
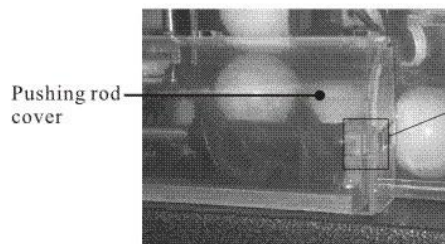
If the above can't solve the problems, please contact your supplier or our Product Support Department.

M. Fixing A Jam

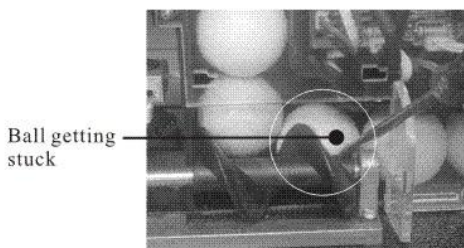
A ball getting stuck is mainly attributable to damaged balls or other items that may be blocking the ball running track. If the problem occurs, disconnect the power supply and follow the procedures as below to correct:



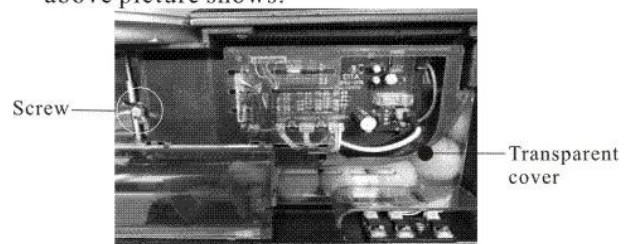
- 1 Turn and loosen the knob to open the base cover.



- 2 Press the lock for the pushing rod cover and release the cover by pushing it to the left as the above picture shows.



- 3 Use a screw driver to lift the stuck ball so that it won't cause a jam. Rotate and push forward the pushing rod a little to make sure it is movable. Replace the pushing rod cover and close the base cover. Restart the machine.

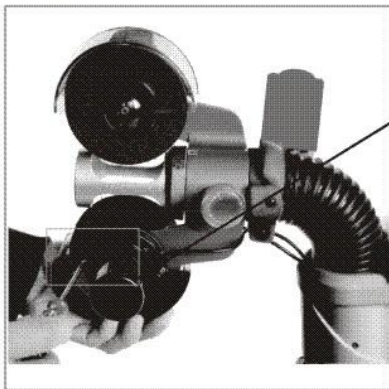


- ★ If there is bad ball or mess, remove the transparent cover by loosening the screw as the above picture shows, take away the bad balls or other objects, replace the transparent cover and restart the machine.

N. Adjustment And Replacement of Spin Wheel

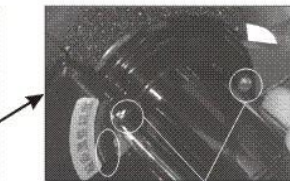
I. Adjustment of spin wheel

After a period of use, there will be wear and tear on the spin wheels causing slower serving speeds than usual. Adjust the distance between the two wheels to resume the effectiveness of the serves.



bottom spin wheel assembly

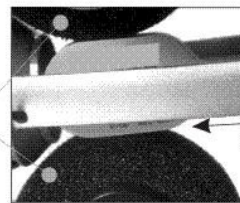
Picture1



Scale mark
for the distance
between wheels

Motor
screw

Top and bottom
spin wheels



About 36.5-37mm

Gauge for standard
distance between
wheels

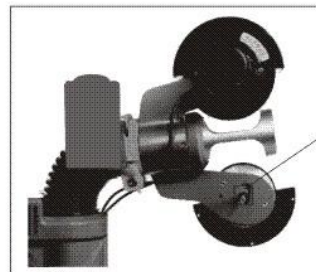
Picture2

Disconnect the power supply. Use the screwdriver to loosen the 2 motor screws a little (see picture 1). Lift the bottom wheel assembly up about 2-3 mm (one level of the scale mark), or lift until the gauge fits in perfectly (see picture 2). Tighten the screws and the robot is ready for operation.

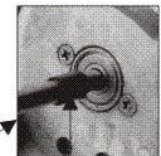
Note: The above adjustments will allow the robot to continue to serve properly, within a certain range of wear and tear. It is recommended that the wheel should be replaced when the diameter of the wheel reduces to 70mm due to wear and tear.

II. Replacement of spin wheels

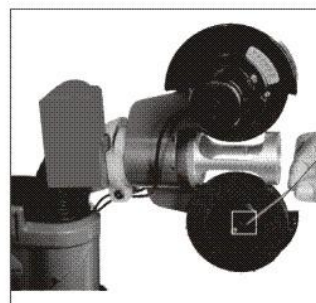
1. Disconnect the power supply. Remove the wheel cover of the bottom spin wheel by using the screwdriver which is enclosed with the package to unscrew the 3 screws of the cover.
2. Use the allen wrench to remove the bottom spin wheel. While removing the wheel, make sure the small blocking sleeve (see picture 1) that separates the wheel and the motor is still on the axis of the motor. Install the new wheel onto the axis of the motor. Use the allen wrench to tighten the screw of the wheel (see picture 2). Slightly loosen the 2 motor screws to adjust the distance between the 2 wheels to about 36.5 -37 mm in which the gauge for standard distance between wheels can perfectly fit. Tighten the screws.
3. Reinstall the wheel cover of the spin wheel and the replacement is completed. Repeat the above 3 procedures if the top spin wheel needs to be replaced.



Picture1



Blocking sleeve



Picture2



Allen wrench

Notes

1. When the landing points and speed of serves do not meet the standard, adjust the distance between wheels to get the best result.
2. Please replace the spin wheel under the supervision of your local supplier.

P. Fuse Replacement

Disconnect the power supply before the fuse is replaced. Open the base cover. At the window of the transparent cover, pull out the fuse cover. Replace the bad fuse with a qualified one of the same standard (3.15A). Replace the fuse cover.

Fuse



Q. Packaging Information

Gross weight	20 Kg
Net weight	11 Kg
Dimensions	97X55X42cm

保修卡

Nº

产品型号		机身号码	
顾客姓名		联系电话	
购买日期		邮政编码	
详细地址			

* 自购机之日起,凭本保修卡享有免费保修一年服务。
 * 保修期内,因产品质量问题所损坏的一切零件,可免费更换。
 * 超过保修期的,只收零件工本费。
 * 使用和保修不当等非产品本身质量造成的故障,不属免费保修范围之内。
 * 本公司保留对以上条款的修改权和解释权。
 * 如有产品故障,请与本地经销商联系。 电话:

厂名: 中山市南区利澳体育器材厂

地址: 广东省中山市南区南源路29号

邮政编码: 528455

电话: 0760-88878689

HTTP://WWW.OUKEI.CN

Warranty Card

Nº

Product Model		Serial No.	
Customer Name		Phone No.	
Date Purchased		Postal Code	
Full Address			

Warranty Information

- * This card is a proof of machine warranty for one year commencing from the date of the purchase.
- * For the warranty period, replacement parts are free of charges.
- * After warranty period, replacement parts are charged at cost only.
- * The warranty does not cover any failure or damage due to improper operation, disassembling or remodeling of the machine.
- * We reserve the rights to make any change of the terms and conditions for the warranty.
- * If you encounter problems, please contact your local supplier.

Manufacturer: Li Ou Sporting Supplies Factory of Zhongshan City South

Address: 29 Nan Yuan Road, South District, Zhongshan City, Guangdong, China.

Phone: 0760-88878689

Postal code: 528455

Http://www.oukei.cn