

User Manual

Racketclub Powershot 1



Table of Contents

1. First use of machine.....	3
2. De different functions of the machine.....	6
1. Fixed position.....	7
2. Random horizontal movement.....	8
3. Speed, Frequency, Topspin and Slice balls.....	9
4. Use of the power.....	10
Battery (DC).....	10
220V (AC).....	10

1. First use of machine

When you use the machine for the first time “new out of the box”, there are some items to think of. First you should install some new parts in the machine and there are some subjects to think of when using the machine:

- First you find some fuses. You should install one fuse in the round fuseholder at the machine panel. Install this after you are sure that no high power (110/220V) cable is connected to the machine! First turn (left) the fuse holder from the machine panel, then put the fuse in the holder and turn the holder inside the machine panel again.
- The remote control (RC) works by 2x 1.5V batteries. These should first installed into the RC. Open the battery space of the RC and put the batteries in the right way. Then close the RC again.
- When you want to use the machine with the external battery and you don't use the machine at 220V with the power cable, you should assure that the external battery is fully charged. To do this, you should connect the round charger cable to the round battery box and the other connector to the 110/220V power connection. When the battery of the machine is still charging, the led on the charger is red, it will turn into green when the battery is charged. You also hear the cooling in the charger turning when it is still charging.
- When the remote control is turned “ON” (pressing for about 3 seconds!!!), the batteries will slowly be empty after some time, even when the RC isn't used during that period. When you finished using the ball machine, turn off the RC by pressing the “Power button” for about 3 seconds!!!
- When you use the ball machine with the external battery, you need to put the “Power button” on the machine panel on “DC” and the battery box connected to the round machine panel connector with the special cable. When using the machine on 220V, you need to switch the machine on “AC” and the 220V cable connected to the flat connection of the machine panel and connected to a 220V power connection (with cable reel?) at the tenniscourt. After usage, turn off the machine by turning the Power switch to the middle.
- The ball bucket could easily be put upside down on the machine by moving the handle through the rectangle hole of the ball bucket.
- When the Power has been set the right way and the power lamp is lighting, the Remote Control (RC) could be turned on (press about 3 secs the power button on the RC), the RC then show some values in blocks at the speed, frequency and some settings on the display of the RC. Don't stand before the machine (the side where the balls will be shot out of the machine) when the power has been turned on. When pressing the “>/|” button of the RC, the shooting wheels will start turning and the machine automatically will start shooting after about 3 seconds. Press again the “>/|” button to stop the machine.
- The 2 front feet, at the bottom of the machine, will be responsible for the right angle of the machine. Even though it is not right to change the feet many times and the factory set the

best angle already in the factory, it is possible to make small changes in the angle of the machine by turning the 2 feet some. The best angle is dependant from the preferable speed of the balls and the type of balls. In the lowest position and preferable speed, the ball should go over the net when starting. First you should set the vertical position of the shooting wheels at the lowest position (by turning the round button most to the right). Then, the preferable speed should be set. Then set the front feet at the height so that the balls go just over the net. You can do this by holding the screw at the inside of the machine with a wrench (nr 17, through the shooting hole) while turning the foot. For example high level players like to shoot the balls at high speed and then it is preferable to shoot just close over the net so the ball is shot inside the lines. More lower level players might want to shoot at lower speed some higher over the net and so they should extend the front feet to shoot a little higher over the net. A bigger vertical angle could also easily be made by using the “lob-foot” which is in the middle under the machine, in-between the 2 front feet.

- You can turn on the remote control before turning on the machine. When you press a button on the RC, all the settings are sent from the RC to the ball machine. This makes it easy to first set the right settings (speed, frequency, position, height, etc) on the RC before start shooting (= press the “Start” button), the machine has then immediately the right location(s)/training, the speed and the frequency for the balls.



Speed

20 40 60 80 100 120 140

Functions/positions

Frequency

10 20 30 40 50 60 70

Start/Stop

Start/Pause

On/Off

F

Fixed point
Fixed point

Random

+

Topspin

Slice

+

Speed

Frequency

2. De different functions of the machine

The machine has several functions for shooting the balls in different ways:

- With different spin (normal, topspin or slice)
- At different speed
- At different frequency
- At different positions on the tenniscourt:
 1. Fixed position, the horizontal positions could be set preferable.
 2. At different heights by using the turnable button at the back of the machine and by using the lob foot.
 3. Random horizontal at fixed height.

1. Fixed position

Setting horizontal position:

1. Press “Random”, the shooting wheels will move continuous from left to right and back.
2. When the shooting wheels are positioned right, press “F”.

Setting the vertical position:



1. At the back of the machine is a button that could be turned left or right.
2. Turn the button to the right (lower position) or to the left (higher position).

When you want extra high balls, you also could use the lob foot at the bottom front of the machine.

2. Random horizontal movement

The “Random” button is used to let the machine move left/right continuous. The machine will shot balls at the position where the machine is positioned when the ball fall from the ball bucket in the machine. When you want to stop moving left/right or you want to position at one point, press the “F” button.

The horizontal movement can easily be combined with other functions like height, topspin, slice, speed and frequency. When the frequency is changed, the consecutive shooting balls could be more easy or difficult. The machine is moving left/right but when the frequency is set in some way, the next ball could be shot at the same position even though the machine moved to the other side.

3. Speed, Frequency, Topspin and Slice balls

All trainings, which could be set on the ball machine, can be changed for the speed. Also, just like a tennis player, the ball machine can hit the balls with less/more speed or with topspin/underspin(slice). The spin has a fixed speed, less topspin let the ball hit the ground more deep and more topsin let the ball hit the ground more close to the net. The speed and topspin/slice couldn't be mixed together. When changing the speed, during topspin/slice, the spin will stop and the machine will shot normal balls. When you want a lot of topspin, you first select the amount of topspin and then, you should change the height of the ball (with the button for height) for the right depth.

4. Use of the power

Battery (DC)

The battery box will be charged by connecting the round connector of the charger to the round connector of the battery box. The 220V connector of the charger should be connected to 220V. The battery should be charged minimal once a month also when the machine is not used. When the battery is not charged regularly, the battery performance will slow down after some time. When using the battery, connect the battery to the machine panel and put the power switch of the machine panel at “DC”.

220V (AC)

The charger should not be used for continuous use of the ball machine on the tennis court! For continuous use of the ball machine, use the 220V cable and connect to 220V connection on the tenniscourt and to the 220V on the machine panel. Then put the switch on the machine panel to “AC”.

NOTE: Even when the machine is connected to 220V, when the machine panel switch is turned to “DC”, it will use the battery and not the 220V so it will stop working after some time!