

prince®

Commercial Tennis Ball Machines



Owner's Manual

OWNER'S MANUAL FOR YOUR PRINCE® TENNIS BALL MACHINE

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GENERAL OVERVIEW

The Prince Hot Shot and Sure Fire ball machines manufactured by Master Sports are user-friendly court machines designed for commercial and/or home court use. These machines provide a variety of training functions that can be used to develop a more effective tennis player.

IMPORTANT SAFETY INFORMATION

The Prince® ball machine is specifically designed to throw tennis balls at a high rate of speed. To avoid any bodily harm, please observe the following precautions at all times:



WARNING: Do not reach or look into the ball throwing opening without first turning main power off and only after all wheels come to a complete stop.



WARNING: Do not place hands or foreign objects into the ball hopper while power is on.



WARNING: Never stand closer than 35 feet in front of the ball machine when power is on. Balls exit at various angles, 0-45 degrees vertical, 14 degrees left, and 14 degrees right.



WARNING: Use caution with small children in the area.



WARNING: Only use regulation-sized tennis balls with this unit. Do not use oversized tennis balls.



WARNING: Do not use this machine in the rain or standing water on the court.

SET UP

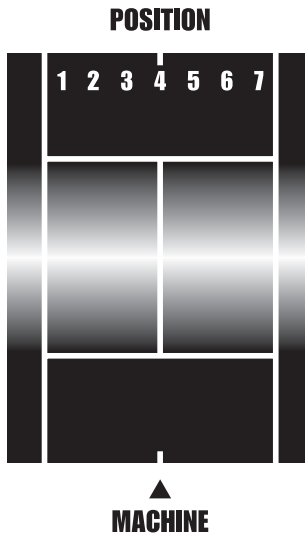
The only assembly necessary to operate the machine is attaching the ball hopper to the machine frame. Use the four ¼-20 phillips head screws and washers to secure the hopper to the frame of the machine.

The power cord plugs into the power entry module on the left side of the machine just below the left handle bar.

POSITIONING

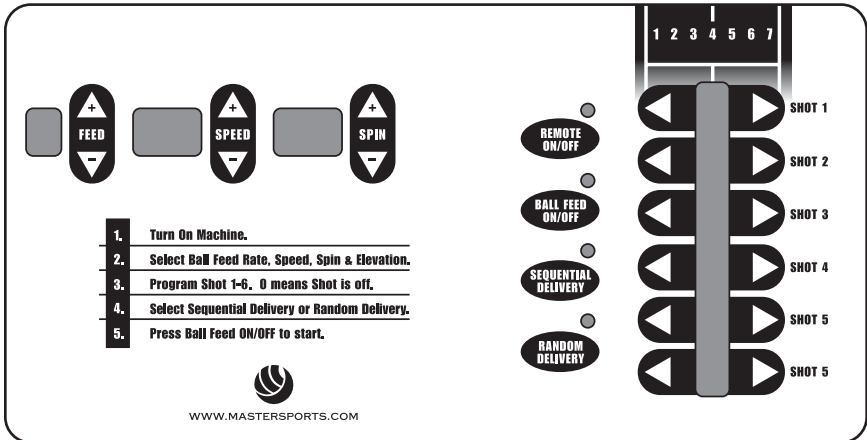
Position the ball machine at the center of the baseline with the ball exit hole directly facing the center of the opposite baseline. When the machine is in position, engage the brakes on the front wheels.

NOTE: To ensure the proper positioning, turn the machine on speed 11 and program SHOT 1 to position 4. Shoot a ball until the ball lands on the service hash. The ball will have ± 1 foot deviation from the service hash. If the ball fails to hit the service hash, adjust the rear of the machine until the ball lands at the service hash ± 1 foot.



OPERATION

Prince Hot Shot



POWER

The power entry module is located on the left side of the machine just under the left handle bar. Unless designated otherwise, the Prince Hot Shot requires 115 Volts at 60 Hertz. The power on/off switch and fuse are incorporated in the power entry module.

FEED

To turn the ball feed on press the green oval button marked BALL FEED ON/OFF. This will start the ball feed carousel rotating. The feed control button (located on the far left of control panel) adjusts the timing between shots. The feed adjustment goes from **1 -9** with **1** as the slowest (8 sec.) and **9** the fastest (1.5 sec.).

NOTE: For safety reasons, if no balls have been thrown for 20 seconds, the ball feed shuts off automatically and must be turned on again.

SPEED

This control adjusts the speed of the balls shot from the machine. There are **20** speed settings. Speed setting **1** is approximately 20 mph and speed setting **20** is approximately 90 mph. When changing speeds, allow a few seconds for the throwing wheels to settle to the new speed.

SPIN

This control is calibrated with **0** as the no spin (flat ball) position, **1** to **5** as the top spin positions, and **-1** to **-5** as the back spin positions.

ELEVATION

The elevation position is adjusted manually by the elevation handle on the right side of the machine. Turn the handle forward (clockwise) to raise the elevation and backward (counter-clockwise) to lower the elevation.

SHOT POSITION

Refer to the diagram on the control panel to locate the seven different positions. A player can program up to six different shots. To program a shot sequence, begin with **SHOT 1** and work down to **SHOT 6**.

NOTE: If a player wants to shoot fewer than six shots, program the number of desired shots beginning with SHOT 1 then put 0 in the shots not programmed. 0 means shot is off.

SEQUENTIAL DELIVERY

Activate this option to shoot balls to the programmed positions in the order in which they were programmed beginning with SHOT 1.

RANDOM DELIVERY

Activate this option to shoot balls randomly from the programmed positions.

REMOTE CONTROL

All Hot Shot machines are equipped with a remote control function. To activate the remote press the REMOTE ON/OFF button on the control panel (red light indicates function is on). When the remote function is turned on press the button on the remote control to activate the ball feed.

NOTE: The remote control only operates the BALL FEED OFF/ON function.

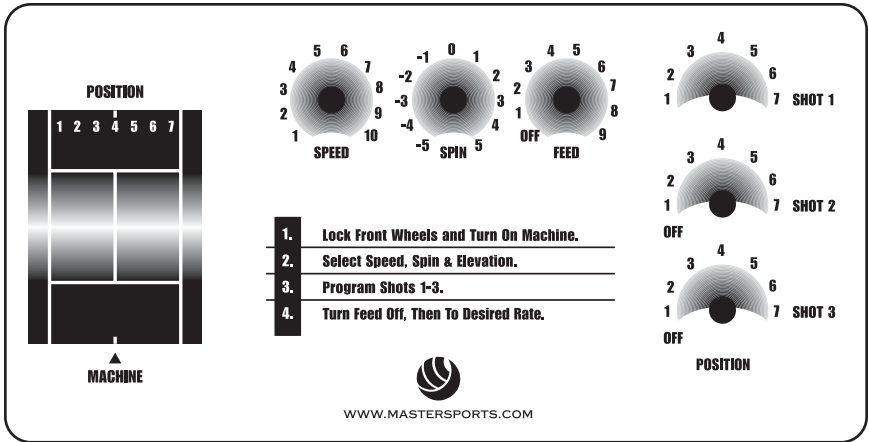
MAINTENANCE

PERIODIC INTERNAL CLEANING: Tennis ball fuzz will accumulate in various areas as the machine is used. This will generally not impair the function of the machine; however, there should be occasional internal cleaning performed. Using a vacuum cleaner, vacuum out the ball fuzz that has accumulated under the carousel, and then remove the plastic covers that cover the throwing wheels and vacuum out the ball chute.

REPLACING THE FUSE: The fuse is located in the power entry module on the left side of the machine just below the left handle bar. Replace with a 5 amp slow blow fuse.

OPERATION:

Prince Sure Fire



POWER

The power entry module is located on the left side of the machine just under the left handle bar. Unless designated otherwise, the Prince Sure Fire requires 115 Volts at 60 Hertz. The power on/off switch and fuse are incorporated in the power entry module.

FEED

To activate the ball feed carousel turn the feed knob clockwise to the desired feed rate. The feed adjustment goes from **1-9** with **1** as the slowest (8 sec.) and **9** the fastest (1.5 sec.).

NOTE: For safety reasons, if no balls have been thrown for 20 seconds, the ball feed shuts off automatically and must be turned on again at the machine by turning the feed knob to off and than back to desired feed rate.

SPEED

This control adjusts the speed of the balls shot from the machine. There are **10** speed settings. Speed setting **1** is approximately 20 mph and speed setting **10** is approximately 90 mph. When changing speeds, allow a few seconds for the throwing wheels to settle to the new speed.

SPIN

This control is calibrated with **0** as the no spin (flat ball) position, **1** to **5** as the top spin positions, and **-1** to **-5** as the back spin positions.

ELEVATION

The elevation position is adjusted manually by the elevation handle on the right side of the machine. Turn the handle forward (clockwise) to raise the elevation and backward (counter-clockwise) to lower the elevation.

SHOT POSITION

Refer to the diagram on the control panel to locate the seven different positions. A player can program up to three different shots. To program a shot sequence, begin with **SHOT 1** and work down to **SHOT 3**.

NOTE: If a player wants to program fewer than three shots, program the number of desired shots beginning with SHOT 1 than turn the other knob(s) to **off**.

MAINTENANCE

PERIODIC INTERNAL CLEANING: Tennis ball fuzz will accumulate in various areas as the machine is used. This will generally not impair the function of the machine; however, there should be occasional internal cleaning performed. Using a vacuum cleaner, vacuum out the ball fuzz that has accumulated under the carousel, and then remove the plastic covers that cover the throwing wheels and vacuum out the ball chute.

REPLACING THE FUSE: The fuse is located in the power entry module on the left side of the machine just below the left handle bar. Replace with a 5 amp slow blow fuse.

COURT EQUIPMENT

Net
PCA 110/112



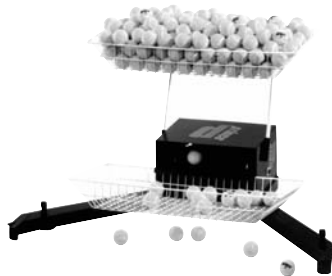
Ball Tubes
PCA 018



Stadium Seat
PCA 102



Sponge Roller
PCA 400



Prince® Ball Retriever
PCA 100



Water Broom
CS 100



Prince® Hot Shot



Baskets
(L to R) PCA 075/101/085



Prince® Sure Fire

For these and other exciting products, you may visit us online at www.mastersports.com. For more information, write us at 6206 Discount Drive, Ft. Wayne, IN 46818 or call (800) 837-1002.

WARRANTY REGISTRATION

Date of Purchase _____

Model/Serial Number _____

Source of Original Information _____

Purchased from (name of dealer, rep, pro, etc.) _____

Your Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

LIMITED WARRANTY

Master Sports warrants its products to be free from defect in materials and workmanship for a period of three years from date of original purchase. Master Sports will repair or replace defective products at its option, without charge. Evidence showing the date of purchase and serial number must be submitted at the time any warranty claim is made. This warranty is void if the serial number has been altered or removed and shall not apply to damage caused by unauthorized repairs or alterations.

If any defect should occur, contact Master Sports at 1-800-837-1002 and request technical assistance. Please have your serial number available. The serial number can be found on the top plate just under the hopper. If Master Sports is unable to resolve the problem by telephone, an R.A. number will be issued and must be clearly evidenced on the outside of the box in order to be received by Master Sports. Return the unit in its original carton and packing, freight prepaid. Master Sports will pay the freight to return the repaired merchandise to the customer. No C.O.D. shipments will be accepted.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF QUALITY AND PERFORMANCE WRITTEN, ORAL OR IMPLIED, AND ALL OTHER WARRANTIES INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. IN NO EVENT SHALL MASTER SPORTS BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE. Some states do not allow limitations on how long an implied warranty lasts and/or the exclusion or limitation of incidental or consequential damages, so the above limitation and exclusion may not apply to you.

Place
Stamp
Here



Commercial Tennis Ball Machines

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Fort Wayne, IN 46818



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