lobster elite™

Grand IV and V Owner's Manual

built for life™

place
stamp
here

LOBSTER™

7340 Fulton Avenue
North Hollywood, CA 91605

TO OUR CUSTOMERS

Thank you for purchasing a Lobster ball machine.
Please read this ownerÕs manual in its entirety before operating your Lobster ball machine. These instructions were written to ensure your safety and to protect the machine.

CHECK FOR DAMAGE

Inspect your machine for damage. The machine may appear undamaged externally, but internal parts could be damaged. Test all of the machines functions.

SAVE THE ORIGINAL SHIPPING BOX

The original box and inserts should always be used if it is necessary to ship the machine back to the factory.

If you have questions about your ball machine, DO NOT contact your dealer; please call Lobster Sports directly at 800.210.5992

Serial Number:_____

Purchase Date:_____

⚠ WARNING

TO AVOID INJURY:

- ¥ Keep face out of ball path - balls can shoot out from opening at any time.
- ¥ Use only for tennis practice with conventional tennis balls.
- ¥ Turn off the machine when leaving it unattended or before performing maintenance tasks.
- ¥ Never place body parts or objects into machine.
- ¥ Never operate with parts removed.
- ¥ Never add balls while machine is running.
- ¥ Never put wet tennis balls in machine.

7340 Fulton Avenue
North Hollywood, CA 91605
tel 800.526.4041 fax 818.764.6061

www.lobstersports.com
sales@lobstersports.com
support@lobstersports.com

WARRANTY REGISTRATION - Fill out info below, tear at perforation and mail back to validate warranty. (* Required Fields)

Machine Serial Number* _____

Name* _____ Email* _____

Mailing Address* _____ City* _____ State* ____ Zip* ____

Phone* _____

Purchase Date* _____ Where Purchased* _____

How did you learn about Lobster? (circle) Lobster Website Google Yahoo MSN Pro Friend Dealer

Dealer Website _____ Tennis Magazine Tennis Week Magazine Other Magazine/Search Engine _____

What attracted you to this product? (circle) Quality Design Price Reputation Previous Customer Portability Better Features

Income (circle) $40-60K $60-80K $80-$100K $100-$120K $120-140K $140-$160K $160-$180K $180-200K $200K+

Age (circle) 15-25 25-35 35-45 45-55 55-65 65-75 75-85 85+

Occupation _____

OPTIONAL EXTENDED WARRANTY** Please send in a separate envelope within 60 days of purchase.

Please select from the following:
- ☐ 1 Year $65
- ☐ 2 Years $110
- ☐ 3 Years $149

Credit Card # _____ Expiration Date _____

Verification Code (last 3 digits in signature bar) _____ Select (circle) Visa Mastercard Discover Card

Authorization Signature _____

Lobster Sports warrants each Lobster Elite machine purchased will be free from DEFECTS IN MATERIAL AND WORKMANSHIP for the extended period specified above past the normal 2 year limited warranty. The extended warranty period will run consecutively from the warranty period determined at time of purchase. It does not cover parts worn under normal use, specifically the battery and the server wheels.

** Extended warranties only apply to machines located in the United States.

0912

MAINTENANCE

Storage

Never store the machine outside. Exposure to rain and snow will shorten machine life. Store the machine in a clean, dry location with the Main Power off. Never store the machine in a closed car trunk where temperatures can reach 180 degrees. Extreme temperatures and conditions can affect the machineÕs electronic board and battery. Exposure to rain and snow will damage the electronics.

Cleaning

Turn Main Power OFF when cleaning the machine. Outside of machine may be wiped down with a mild detergent. Inside of machine may be vacuumed to remove tennis ball fuzz. The Lobster storage cover is ideal to protect your machine from the elements.

Ball Consistency

The consistency of ball throws is dependent on the consistency of the tennis balls you use. Consistent balls will produce consistent ball throws. A mixture of new and old balls will produce inconsistent ball throws. Pressureless balls are recommended for use with a ball machine. For more information, call Lobster at 800.526.4041.

LIMITED WARRANTY

Lobster Sports warrants that each Lobster Sports ball machine purchased will be free from defects in material and workmanship for 2 years from the date of purchase except for the battery and server wheels which are warranted for 6 months. Demonstration models and reconditioned machines have a 1 year warranty. Said warranty to be determined by Lobster Sports at time of purchase. Any part of ball machine which proves to be defective in material or workmanship within the 2 year warranty period will be repaired or replaced at Lobster SportsÕ option with a new or functionally operative part. Warranty extends only to the original customer and may be enforced only by such person.

This warranty does not cover the following conditions: A) Damage resulting from misuse, neglect, alteration, accidents, tampering, abuse, fire, war, insurrection, civil disorder, flood, acts of God or any other casualty; B) Failure of Customer to properly follow operating instructions provided by Lobster Sports at time of delivery; and C) Damage caused by use on circuits or voltages other than indicated on the applicable nameplate.

This limited warranty is in lieu of all other e xpress warranties. Any implied warranties of merchantability and fitness for a particular purpose shall coincide in duration with the 2 year limited warranty. The exclusive remedy of the Customer hereunder shall be repair or replacement as stated above. Under no circumstances shall Lobster Sports be liable to the Customer or any other person for incidental or consequential damages of any nature, including, without limitation, damage for personal injury or damages to property; and however occasioned, whether alleged as resulting from breach of warranty by L obster Sports, the negligence of Lobster Sports.

No agent, employee or representative of Lobster Sports or any other person is authorized to modify this warranty in any respect. This warranty gives you specific legal rights and you may also have other rights, which vary, from state to state.

This limited warranty is void unless Customer completes and returns the attached warranty response form to Lobster Sports within 30 days of receipt of the ball machine.

MACHINE SETUP

Intended Use

This tennis ball machine is intended to be used in a dedicated tennis facility.
For safety reasons, players should stand on the opposite side of the tennis net at a minimum of 35 feet away from the machine. This tennis ball machine is designed to throw tennis balls only.

Unpack and Assembly

Remove the machine from the box. Keep the box along with the packing materials in case the machine needs to be shipped back to the factory.

Assembly:

- Detach the hopper.
- Flip the hopper and reattach by pushing the hopper on to the case knobs, starting with the front knob (side furthest from handle), then attach the hopper to the back knob.
- Do not remove the wire deflectors.
- Confirm that the Main Power switch is in the ON position. The main power switch can be found on the left side of the metal box directly below the control panel. There is no need to remove the red case to find this switch.

Handle Operation

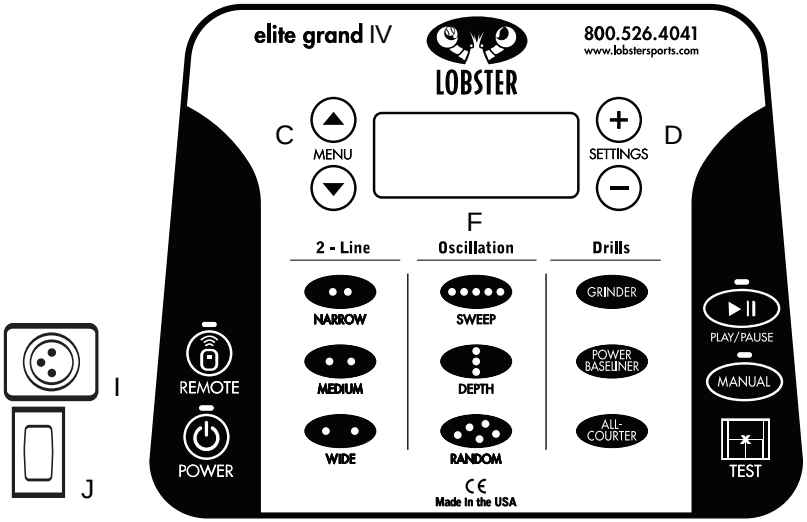
To raise the handle, simply pull up on the grip until it locks in place. To fold the handle, move the switches on the inside of the hinges to the unlock position and apply light pressure to the upper section of the handle until it begins to fold. The handle can now be lowered into its storage position.

Transporting

The handle is provided to push or pull the machine. The lower part of the handle is designed to easily go up/down stairs but, it can also wear the metal and cause premature failure if care is not used. Be aware of steps or rough surfaces that may bend or damage the underside of the machine.

To prepare the machine for transport in your vehicle, invert the hopper to cover the machine and fold the handle. The machine weighs approximately 46 lbs and may be lifted into a vehicle by one or two people. Use the molded handholds on the underside of the machine to lift and carry the machine.

ELITE GRAND IV CONTROL PANEL



A. Power Button Ð Push and hold the POWER button to turn the machine on. Battery level is shown at startup. Both the horizontal and vertical motors will perform functional checks to calibrate the machine when it is turned on or off

B. Remote Ð Push this button to turn on/off the remote control receiver.

C. Menu Buttons Ð The up/down buttons are used to scroll through the menu options to be selected and adjusted. A cursor on the LCD will highlight the current selection.

D. Settings Ð The +/- buttons are used to adjust a highlighted option on LCD screen.

E. Play/Pause Ð The Play button is used to begin the play of a selected function and to pause the feed.

F. Presets Ð The nine buttons in the center of the control panel are used to select the play mode. Menu and Settings buttons are used to select and adjust shot parameters. After the shot parameters are satisfactory, press play to start.

G. Manual Ð Machine will continuously throw a certain shot to a specific location.

H. Test Ð Used to align your machine for proper ball placement on the court.

I. Charger Connector Ð Used to charge your battery

J. Main Power Switch Ð Main power cut off. If you plan to not use your machine for one month or longer, Lobster recommends that you turn this switch off. (This switch is located on the left side of the metal box directly below the control panel)

TROUBLESHOOTING

Machine DoesnÕt Power On

The main power switch may be off. The battery may need to be charged. The battery wires may be disconnected or loosened.

- Make sure the MAIN POWER switch on the machine is in the off position and ensure there are no balls in the machine.
- Undo the four screws on the control panel and gently pull back. (Be careful not to touch the electronic board directly)
- Follow the red and black wires from the battery terminals to the control board. If they are loose, reconnect.

If you have questions about your ball machine, DO NOT contact your dealer; please call Lobster Sports directly at 800.210.5992

Machine Error

The electronics are programmed to help the user diagnose his/her machine. Error messages will appear on the LCD screen when the machine is turned on. If there is no obvious problem, turn the machine off and back on again to check error message. If the error message continues, call Lobster Customer Service at 800.526.4041.

CUSTOMER SERVICE

Since 1970, Lobster Sports has been dedicated to providing outstanding customer service. To this end, we invite our customers to contact our Customer Service Department at 800.526.4041 anytime between 8:00am - 4:30pm PST, Monday through Friday. After hours, please leave a voice message or or email us at support@lobstersports.com

Shipping Damage

If an order arrives with shipping damages, contact Customer Service to coordinate sending a replacement. If a replacement part can resolve the issue, Lobster will ship the part immediately. If not, a damage call tag will be issued. Upon pick up of the damaged machine, the customer must call in the pick-up tracking number and a replacement will be shipped immediately.

Mis-Shipments

Lobster Sports maintains the highest manufacturing and shipping quality standards and strives for 100% accuracy. However, in the event an order is not correct please contact Customer Service to rectify the situation.

CHARGING INSTRUCTIONS

Charging the Battery with the Fast Charger or Premium Fast Charger

Trickle charge technology ensures the battery will not be overcharged and can be left connected indefinitely.

- For the Fast Charger, connect the cord into the charger jack on the left of the control panel. Plug the charger into a live electrical outlet. The battery will be charged in 3-9 hours.
- For the Premium Fast Charger, connect the cord into the charger jack on the left of the control panel. Plug the charger into a live electrical outlet. The battery will be charged in 1-3 hours.
- An orange light on either charger indicates the battery is charging.
- A green light indicates the battery is fully charged.
- For optimal capacity, charge the battery with the fast charger after each use.

Battery Capacity

Battery level is shown when the machine starts up as Full, High, Medium, or Low! When the machine is not in use (i.e. during the winter season or when in storage) charge the machine every month. Before storing the machine, ensure the battery is fully charged and the main power switch is off in the down position. Never let the machine go uncharged for more than one (1) month. The most common reason for a dead battery is a dead AC outlet. Ensure the machine is connected to a live AC outlet and is receiving a charge. The most common reason for shortened battery capacity and life is chronically undercharging the machine.

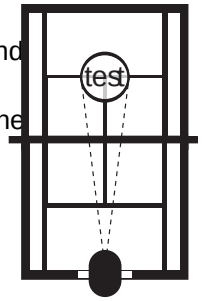
FOR UNLIMITED PLAY YOU MAY PURCHASE LOBSTER SPORTSÕ EXTERNAL AC POWER SUPPLY. Please call Customer Service at 800.526.4041 or visit www.lobstersports.com

ELITE GRAND IV OPERATING INSTRUCTIONS

Court Placement / Test Button

Your Lobster Elite Grand IV is a computerized tennis machine and has been designed to keep the ball in the full singles court.

- Ensure that the main power switch is in the up or on position.
- Start by placing the machine with the white Line Marker positioned over the baseline, at the courtÕs center mark.
- Power on the machine and allow it to go through a self test.
- Place one tennis ball in the hopper. Push the TEST button. One tennis ball should be thrown over the net to land within a 2 foot area of the opposite side of the court where the service and center lines converge, just as depicted by the TEST button and the diagram to the right.



  - If the test ball lands outside of the 2 foot radius, long or short use the + and − SETTINGS buttons to adjust the distance in .5 foot increments. If the ball should fall outside of the area left or right, nudge the front of the machine slightly to the left or right, as needed. Retest and make adjustments as necessary.
- Once the test is complete, press the manual button or one of the nine preset buttons in the center of the control panel to choose mode of play, then press the play button.

Manual

Press the MANUAL Button to practice one particular shot repetitively. The machine will pause while you make your adjustments. Use ▲ ▼ Menu buttons to select location and shot parameters. Use + − SETTINGS buttons to increase or decrease value of the selected menu option.

- Speed Ð Choose from 35 to 80 MPH in 5 mph increments.
- Elevation Ð Adjust elevation between 2 and 80 degrees in 1 degree increments to change depth of the ball thrown on the court.
- Spin Ð Increase and decrease top and back spin up to three levels.
- Angle Ð Choose position along baseline. 0 is center court with positive numbers moving to the right and negative numbers moving to the left.
- Feed Ð Adjust between 2-9 second intervals, or scroll down to random setting.

When you are satisfied with your adjusted settings press ▶II Play/Pause button to start your session.

Presets

Main preset options are selected by pressing one of the nine buttons in the center of the control panel. The machine will automatically pause until you are satisfied with the settings. Press the play/pause button to begin play. Use / menu buttons to select location and shot parameters. Use / SETTINGS buttons to increase or decrease value of the selected menu option. PLEASE NOTE: To keep all shots in the court, some combinations are not available in conjunction with each other.

2-LINE

Narrow Ð practice forehand and backhand strokes at the center of the court.

Medium Ð practice forehand and backhand strokes midway between center court and sideline.

Wide Ð Practice forehand and backhand strokes at the sidelines.

Within each button above, your options will be:

¥ Speed Ð Choose from 50 to 80 MPH in 5 mph increments.
¥ Spin Ð Increase and decrease top and back spin up to three levels.
¥ Depth Ð Choose from Row A (Deep), Row B (Mid), Row C (Short) or Random.
¥ Feed Ð Adjust between 2 - 9 second intervals, or scroll down to random.

OSCILLATION

Sweep Ð throw balls randomly across the width of the court. Shot parameters include

¥ Depth Ð Short, Mid, Deep or Random.
¥ Speed Ð Choose from 45 to 80 MPH in 5 mph increments.
¥ Spin Ð Increase and decrease top and back spin up to three levels.
¥ Feed Ð Adjust between 2-9 second intervals, or scroll down to random.

Depth Ð balls are thrown randomly from short to deep.

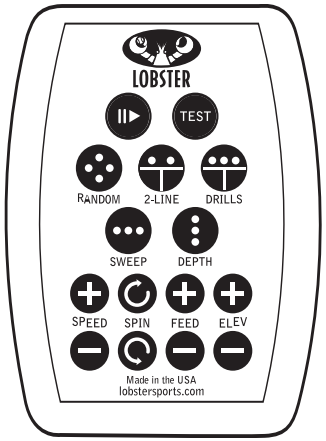
¥ Position Ð Choose balls to be thrown on court to the Left, Center, or Right.
¥ Speed Ð Choose from 45 to 75 MPH in 5 mph increments.
¥ Spin Ð Increase and decrease top and back spin up to three levels.
¥ Feed Ð Adjust between 2-9 second intervals, or scroll down to random.

Random Ð machine will randomly throw balls on the court using variations of speed, spin and trajectory.

¥ Feed Ð Adjust between 2-9 second intervals, or scroll down to random.

Remote Control

The remote consists of fifteen buttons and allows you to operate many of the functions on your ball machine from a distance.



¥ Press the REMOTE button located on the control panel to activate the remote. When the LED is lit the machine will accept commands from your remote controller.

¥ PLAY/PAUSE button will start and stop the machine at any time.
¥ TEST - Allows you to calibrate your machine.
¥ RANDOM - Press button to activate the fully random function.
¥ 2-LINE - Press button multiple times to scroll through the narrow, medium, and wide settings for the 2-line functions.
¥ DRILLS - Press button to scroll though the pre-programmed drills.
¥ SWEEP - Press multiple times to scroll through the short, mid, deep and random settings for the sweep function.
¥ DEPTH - Press button multiple times to scroll through short, mid, deep and random settings for the depth function.
¥ The 8 black buttons are used to change shot parameters on the fly for the presets.

¥ Speed Ð Adjust the ball speed for 2-line, sweep, depth, and manual presets.
¥ Spin Ð Adjust the top or bottom spin for 2-line, sweep, depth, and manual presets.
¥ Feed Ð Adjust the ball interval for all settings.
¥ Elevation Ð Adjust the elevation for 2-line, manual, and test function.

Using the remote while a drill is running will cause the next shots parameters to change temporarily. Doing so may cause shots to land in unplayable areas.