lobster **elite**™

elite one, two & three owner's manual



play more. win more.®

MACHINE SETUP

Intended Use

Lobster tennis ball machines are intended for use in a dedicated tennis facility. For safety reasons, the machine should only be used when players stand on the opposite side of a tennis net at a minimum of 35 feet away from the machine. The Lobster elite is designed to throw **tennis balls only**.

Unpack and Keep Shipping Box

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 for maintenance or return.

Machine Assembly

- Raise the metal handle by lifting up until a click is heard.
- Detach the hopper by lifting it up off the red base.
- Flip the hopper and reattach by pushing the hopper on to the red base knobs, starting with the front knob (side furthest from handle), then push down to attach the hopper to the back knob.
- **Do not remove the wire deflectors.**

Handle Operation

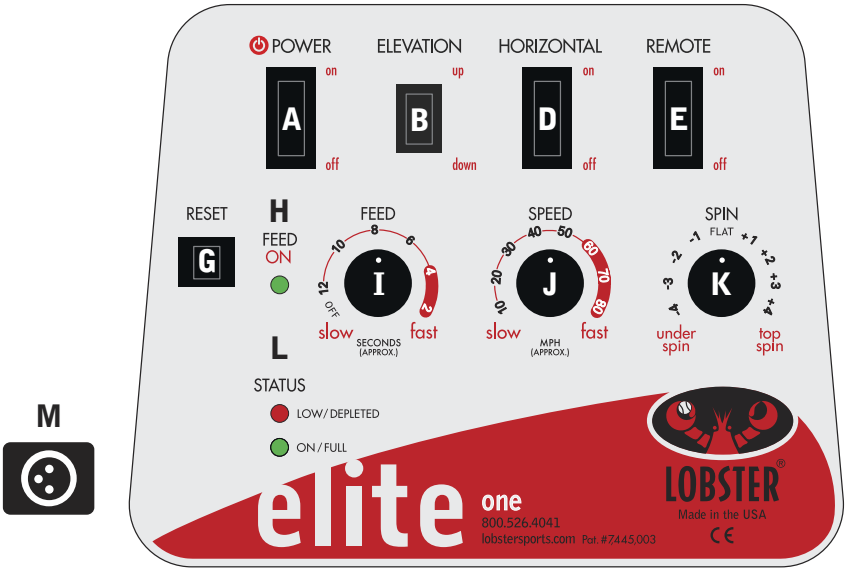
To raise the handle, simply lift up on the handle until you hear the lock buttons click into place. To fold the handle down, stand behind the machine and place hands on each of the plastic handle hinges. Simultaneously press up on the hinge lock buttons and gently push the top section of the handle forward over your machine.

The handle is provided to push or pull the machine. The machine is not designed to be pulled up and down stairs. If the handle is damaged or breaks in this manner, please be advised it is not covered under the warranty. Avoid rough or uneven surfaces that may bend or damage the underside of the machine.

Transporting 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 30-42 pounds depending on the model purchased 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.

CONTROL PANEL: ELITE ONE



A. Power Switch – Powers the machine on and off.

B. Elevation – Adjusts the ball the ball trajectory up and down.

D. Horizontal Switch – Turns on and off the random horizontal oscillation.

E. Remote Switch – Activates the remote control. (If you did not purchase a remote, this switch is not active until you upgrade your machine from your dealer or direct from the factory.)

G. Reset Button – Pops out in event of malfunction. If this happens, turn off the machine; push the reset button back in, and power up machine. Please refer to the Troubleshooting section (page 11) or contact Customer Service if the issue persists.

H. Feed On LED – LED will light up when the feed motor begins to turn.

I. Feed Knob – Adjusts ball feed interval between 2-12 seconds. Turn completely counter-clockwise to turn off the feed.

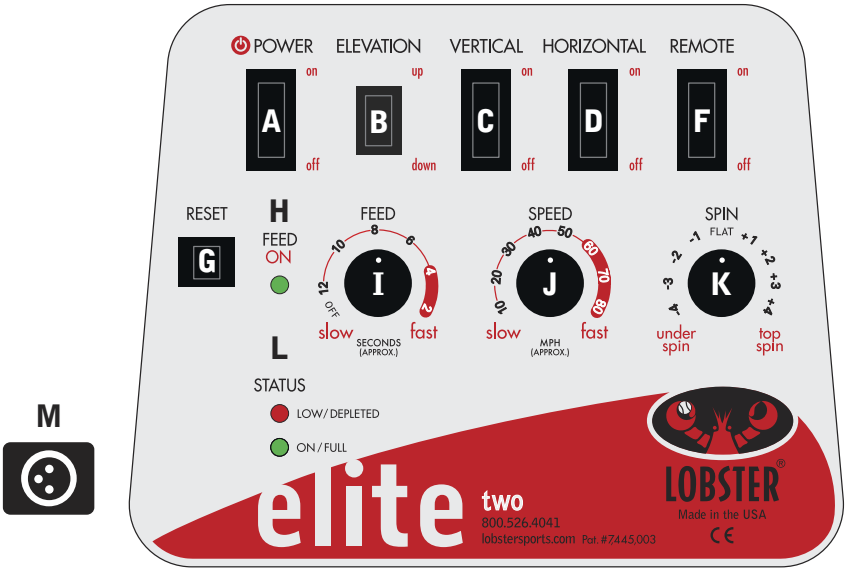
I. Speed Knob – Adjusts the speed from 10-80 mph.

K. Spin Knob – Controls amount of underspin and topspin on the ball.

L. Status Indicator – LED lights indicate battery level ONLY when machine is powered on. When the machine is charging, refer to the LED light on the charger. Leave machine off when charging.

M. Charger Port – Located on the red base. Slide the black cover in either direction to expose the jack.

CONTROL PANEL: ELITE TWO



A. Power Switch – Powers the machine on and off.

B. Elevation – Adjusts the ball the ball trajectory up and down.

C. Vertical Switch – Turns on and off the random vertical oscillation.

D. Horizontal Switch – Turns on and off the random horizontal oscillation.

E. Remote Switch – Activates the remote control. (If you did not purchase a remote, this switch is not active until you upgrade your machine from your dealer or direct from the factory.)

G. Reset Button – Pops out in event of malfunction. If this happens, turn off the machine; push the reset button back in, and power up machine. Please refer to the Troubleshooting section (page 11) or contact Customer Service if the issue persists.

H. Feed On LED – LED will light up when the feed motor begins to turn.

I. Feed Knob – Adjusts ball feed interval between 2-12 seconds. Turn completely counter-clockwise to turn off the feed.

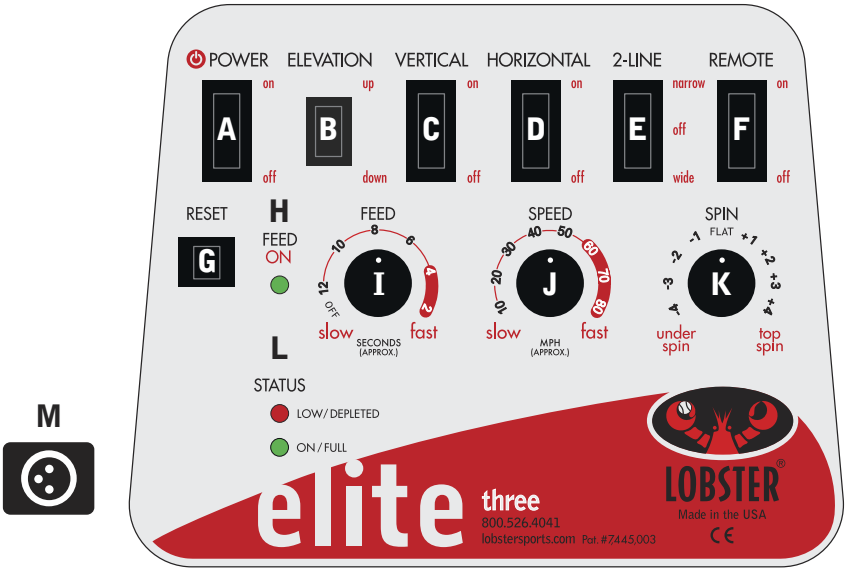
J. Speed Knob – Adjusts the speed from 10-80 mph.

K. Spin Knob – Controls amount of underspin and topspin on the ball.

L. Status Indicator – LED lights indicate battery level ONLY when machine is powered on. When the machine is charging, refer to the LED light on the charger. Leave machine off when charging.

M. Charger Port – Located on the red base. Slide the black cover in either direction to expose the jack.

CONTROL PANEL: ELITE THREE



A. Power Switch – Powers the machine on and off.

B. Elevation – Adjusts the ball the ball trajectory up and down.

C. Vertical Switch – Turns on and off the random vertical oscillation.

D. Horizontal Switch – Turns on and off the random horizontal oscillation.

E. 2-Line Switch – Turns on the 2-line function for narrow and wide options.

F. Remote Switch – Activates the remote control. (If you did not purchase a remote, this switch is not active until you upgrade your machine from your dealer or direct from the factory.)

G. Reset Button – Pops out in event of malfunction. If this happens, turn off the machine; push the reset button back in, and power up machine. Please refer to the Troubleshooting section (page 11) or contact Customer Service if the issue persists.

H. Feed On LED – LED will light up when the feed motor begins to turn.

I. Feed Knob – Adjusts ball feed interval between 2-12 seconds. Turn completely counter-clockwise to turn off the feed.

J. Speed Knob – Adjusts the speed from 10-80 mph.

K. Spin Knob – Controls amount of underspin and topspin on the ball.

L. Status Indicator – LED lights indicate battery level ONLY when machine is powered on. When the machine is charging, refer to the LED light on the charger. Leave machine off when charging.

M. Charger Port – Located on the red base. Slide the black cover in either direction to expose the jack.

BATTERY LEVEL & MAINTENANCE

Battery Level Indication

Battery level **when the machine is powered on** is indicated on your control panel LED by the following (when charging, only refer to the LED light on the charger):

- **Green** SOLID & **Red** OFF ..... FULL CHARGE
- **Green** FLASHING & **Red** OFF ..... 2/3 CHARGE
- **Green** OFF & **Red** FLASHING ..... 1/3 CHARGE
- **Green** OFF & **Red** SOLID ..... DEPLETED

Battery Life and Maintenance

For optimal battery life, fully charge machine after each use. The most common reason for reduced battery capacity and shortened battery life is chronically undercharging the machine. **Never let the machine go uncharged for more than one month.**

Before storing the machine, fully charge the battery and then recharge monthly. During the winter season or when the ball machine is not in use, the battery should be charged **every month**, otherwise the battery life will be reduced.

Similar to a car battery, the battery in your ball machine will need to be replaced depending on use and care. Replacement batteries are available on our website and can be installed by the owner or the machine can be sent to Lobster for maintenance. A video tutorial on battery replacement is available on the support section of our website or on the Lobster Sports YouTube channel.

OPTIONAL POWER ACCESSORIES

External AC Power Supply

For extended court time, the **external AC power pack** provides continuous, uninterrupted use. With this optional accessory, the machine can still run off a battery, allowing the owner to use whatever power method they prefer.

External Battery Pack

The **external battery pack** will provide you with an additional 4-8 hours of court time and can be used with any of our elite series machines.

BALL CONSISTENCY

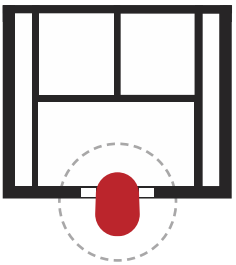


The consistency of ball throws is dependent on the consistency of the tennis balls used. The same age and type of tennis balls will produce consistent ball throws. A mixture of new and old balls will produce inconsistent ball throws. Pressureless balls provide the best results in both toss and bounce—it's like playing with new balls almost indefinitely. Lobster recommends **Tretorn Micro X balls** for best results, and are available from LobsterSports.com. Never put damp or wet balls in the machine.

OPERATING INSTRUCTIONS

Court Placement

For best position and widest range of sweep, align the white line marker on the bottom of the machine with the baseline, placing the machine at the center mark (as shown to the right).



If desired, move the machine closer to the net to narrow the sweep or move it back from the baseline to widen it. To reposition the machine, turn on the horizontal sweep and turn it off when the machine is in the desired position—It is not necessary to pick up the machine.

Power the Machine

Turn the machine on using the POWER switch on the control panel.

- Set the FEED anywhere from 2-12 seconds. 12 seconds is the slowest setting.
- Put 3-4 balls in the machine and wait 20 seconds for the machine to start feeding. Confirm the elevation, speed, and spin are appropriate; adjust if necessary. Once you have set the machine up properly, turn the machine off; load the hopper full of balls, and turn on the machine.
- A 20 second delay allows user to reach other side of court before the first throw.
- When hopper is empty, to turn the FEED off by rotating the knob fully counterclockwise without turning machine off. This will save battery capacity and allow time to retrieve balls on the court.

Triple Oscillation Setup (Available with elite two and elite three only)

Triple oscillation features random shots across the width and depth of the singles court.

- Turn ON the machine.
- Set the speed to 60 mph and feed rate at 8 seconds.
- Turn on the vertical oscillation.
- Watch the elevation indicator and turn the vertical oscillation off at its lowest point.
- Adjust the elevation until the balls are just going over the net. If any balls hit the net, adjust the elevation up. If any balls shoot past the baseline, adjust the elevation down.
- Turn on the vertical oscillation for deep/short shots.
- Turn on the horizontal oscillation for random left/right.
- Maintain the speed at 60 mph for optimum results.

OPERATING INSTRUCTIONS

2-Line Oscillation Setup (Available with elite three ONLY)

The 2-line function automatically throws to two preset locations allowing you to practice alternating forehand and backhand shots. You may choose 2-line narrow or wide for added versatility. **NOTE**: The ball hopper MUST have balls in it for the two-line oscillation feature to work.

- Fill the hopper, then turn the POWER switch ON.
- Set SPEED knob to desired speed.
- Turn HORIZONTAL SWEEP switch ON.
- Turn the 2-LINE switch to ON.
- For an 4-second interval per ball, set the FEED from 2-8 seconds.
- For an 8-second interval per ball, set the FEED from 10-12 seconds.

REMOTE CONTROL INSTRUCTIONS

Elite Remote (optional)



- Power on your machine by pressing the POWER switch on the control panel.
- Press the REMOTE switch located on the control panel to ON to activate the remote.
- Turn the ball FEED dial to select a 2-10 second feed rate.
- From the opposite side of the court, press the buttons on the handheld remote to turn on/off the feed and/or sweep.

Elite10 Remote (optional: for elite two and elite three)



- Power on your machine by pressing the POWER switch on the control panel.
- Press the REMOTE switch located on the control panel to ON to activate the remote.
- Turn the ball FEED dial to select a 2-10 second feed rate.
- From the opposite side of the court, press the black FEED on/off button on the handheld elite10 remote to begin play.

REMINDER: The switches and dials on the control panel will always override the remote control.