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> ShyangLiang Mini Portable Electric Sewing Machine LH-SM609A Instruction Manual

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Model: LH-SM609A | Brand: ShyangLiang

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your ShyangLiang Mini Portable Electric Sewing Machine LH-SM609A. Designed for home use and suitable for beginners, this machine offers 12 built-in stitch patterns, dual speed control, and various convenient features for clothing alterations, crafting, and home decor projects.



Image: The ShyangLiang Mini Portable Electric Sewing Machine LH-SM609A, shown with its packaging, foot pedal, power adapter, and a comprehensive accessory kit including various threads, bobbins, needles, and presser feet.

IMPORTANT SAFETY INFORMATION

- Always turn off the machine and unplug the adapter before changing needles, bobbins, or performing any maintenance.
- Ensure the new needle faces the correct direction and the screw is tightened securely after replacement.
- Do not use both AC adapter and batteries simultaneously to avoid motor damage.
- Make sure the foot pedal and adapter are unplugged from the machine when not in use to prevent accidental startup.
- Keep fingers clear of the needle area during operation.

PRODUCT OVERVIEW

Familiarize yourself with the main components of your sewing machine:

Multifunctional electric sewing machine

A sewing machine meets the needs of daily household and handicraft enthusiasts

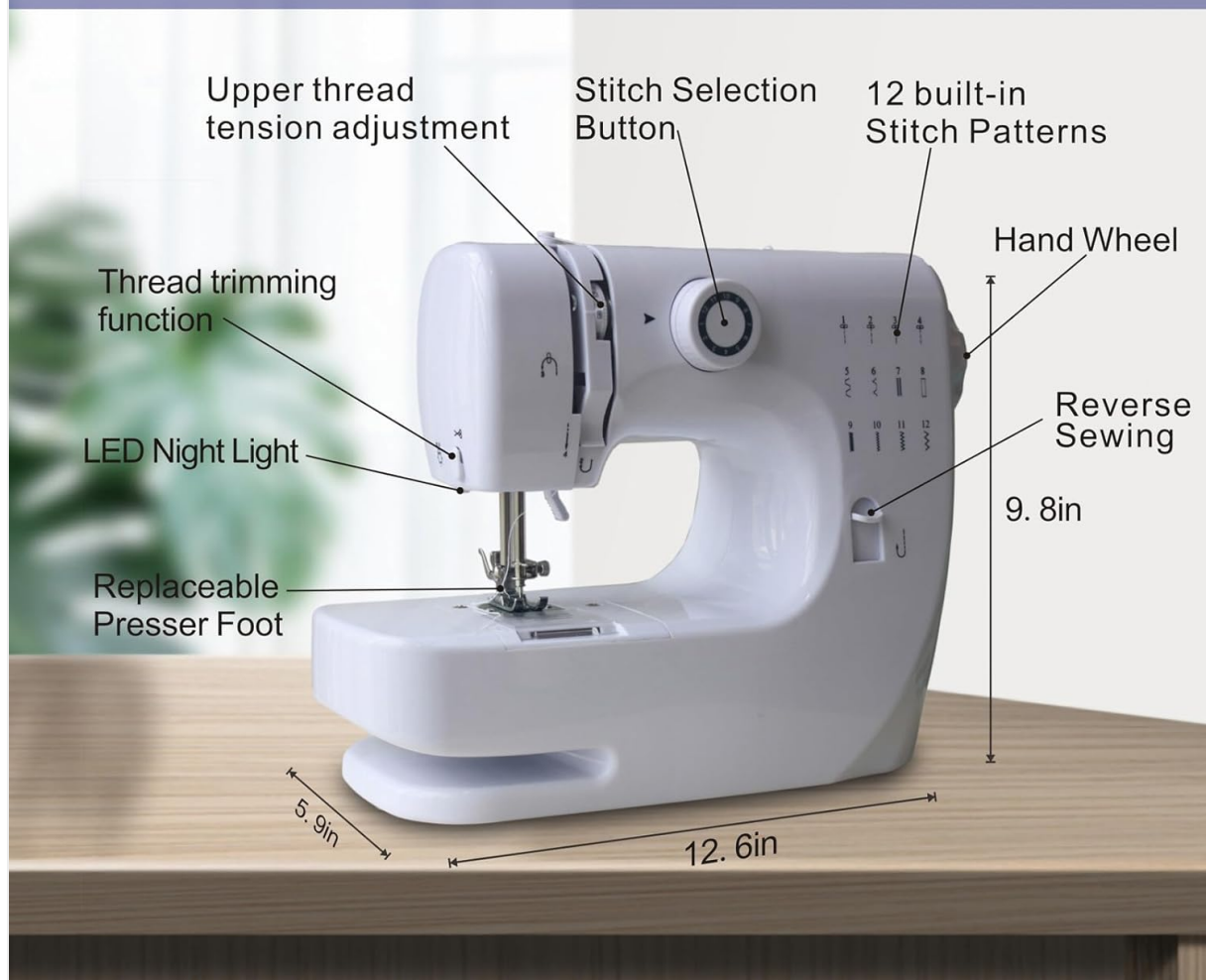


Image: A detailed diagram highlighting key components of the sewing machine, including the upper thread tension adjustment, stitch selection button, 12 built-in stitch patterns, hand wheel, reverse sewing button, LED night light, and replaceable presser foot.

- **Upper Thread Tension Adjustment:** Controls the tightness of the upper thread.
- **Stitch Selection Button:** Dial to choose from 12 built-in stitch patterns.
- **Hand Wheel:** Manually raises and lowers the needle.
- **Reverse Sewing Button:** Engages reverse stitching for reinforcement.
- **LED Night Light:** Illuminates the sewing area for better visibility.
- **Replaceable Presser Foot:** Holds fabric in place during sewing.
- **Thread Trimming Function:** Built-in cutter for convenience.
- **Winding Function:** For winding thread onto bobbins.
- **Foot Pedal Interface:** Connects the foot pedal for hands-free speed control.
- **Power Adapter Interface:** Connects the AC power adapter.
- **Speed Adjustment Switch (OFF/L/H):** Controls the sewing speed.

SETUP

1. Powering the Machine

1. **AC Adapter:** Insert the jack-plug of the AC adapter into the DC Input port at the back of the machine. Plug the adapter into a suitable power outlet.
2. **Batteries:** Alternatively, the machine can be powered by 4 AA batteries (not included). Open the battery compartment and insert the batteries, ensuring correct polarity.
3. **Caution:** Do not use both power modes simultaneously.

2. Connecting the Foot Pedal

For hands-free operation, connect the foot pedal:

1. Insert the jack-plug of the foot pedal into the 'FOOT PEDAL' input port at the back of the machine.
2. The foot pedal allows you to control the sewing speed by pressing down. Release to stop.

3. Threading the Upper Thread

Proper threading is crucial for correct stitching. Follow these steps carefully:

1. Place a spool of thread on the thread spindle.
2. Guide the thread through the thread guide bar to prevent tangling.
3. Lift the presser foot lever and clamp the upper thread into the thread tension piece.
4. Rotate the handwheel counter-clockwise to raise the lifting rod, and pass the thread through it.
5. Pass the thread through the thread guide loop to keep it in position.
6. Insert the thread from front to back through the needle eye. **DO NOT THREAD IT FROM BACK TO FRONT.**
7. Leave about 10 cm (4 inches) of thread hanging; if it's too short, gently pull more from the spool.

Your browser does not support the video tag.

Video: A step-by-step guide demonstrating how to correctly thread the upper thread of the sewing machine, including important cautions for proper threading direction.

4. Replacing and Winding the Bottom Bobbin

To replace or wind the bottom bobbin:

1. Slide the bobbin cover off and remove the empty bobbin.
2. Put the new bobbin in the holder with the thread going clockwise.
3. Hold the needle thread with your left hand and turn the handwheel counter-clockwise only one round. The needle thread will pick up the bobbin thread.
4. Pull the bobbin thread up through the hole under the needle.
5. Separate the two threads (upper and lower) and pull them to the back of the machine under the presser foot, leaving about 15 cm hanging out.
6. Restore the bobbin cover.

To wind a new bobbin:

1. First, take the top and bottom thread off the machine.
2. Unwind some thread from a bigger spool and pull it around the bobbin winder tension disk.
3. Put an empty bobbin on the bobbin winder pin. Put the thread through any one of the metal holes on the bobbin.
4. Push the bobbin to the right (towards the hand wheel) to lock it.
5. Hold onto the thread, turn the handwheel 5-6 rounds to wind the thread on the bobbin several circles.
6. Cut the thread tail, then turn on the power switch to start winding. Use a scissor or pen to assist the winding for a more even result.

7. When you have enough thread wound on, turn off the power switch to stop winding.
8. Push the bobbin to the left (away from the hand wheel) and take the bobbin off.

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Video: A comprehensive guide demonstrating how to thread the sewing machine, including instructions for both upper and lower bobbin threading, and how to wind a new bobbin.

5. Replacing the Needle

To replace a needle:

1. Hold the old needle and loosen the needle clamp screw. Remove the needle and discard it responsibly.
2. Insert the new needle into the clamp with the flat side of the needle toward the presser foot bar. Push the needle all the way up.
3. Then tighten the screw.

6. Replacing the Presser Foot

To replace the presser foot:

1. Turn the handwheel counter-clockwise to raise the needle to its highest position.
2. Raise the presser foot lifter and press the presser foot locking lever. The presser foot will drop off automatically from the locking device.
3. Put the desired presser foot under the presser foot locking device.
4. Lower the presser foot lifter. The presser foot will engage automatically.
5. **Caution:** If the foot has not been picked up, check to make sure the cut-out is directly above the pin of the foot and repeat the steps.

VERSATILE USE



Image: An illustration showcasing six multifunctional presser feet, including an all-purpose foot, buttonhole foot, piecing presser foot, zipper foot, button sewing foot, and overlocking presser foot.

OPERATING INSTRUCTIONS

1. Stitch Selection

Your machine offers 12 built-in stitch patterns. To select a stitch:

1. Turn the Stitch Selection Button (dial) to the corresponding number for your desired stitch.
2. Patterns include adjustable stitch lengths (1-4), decorative patterns (5/6), lockstitch patterns (7/8), and curved stitches (9-12).

12 Kinds of Lines

Reversing function

Overlocking function

Button sewing function

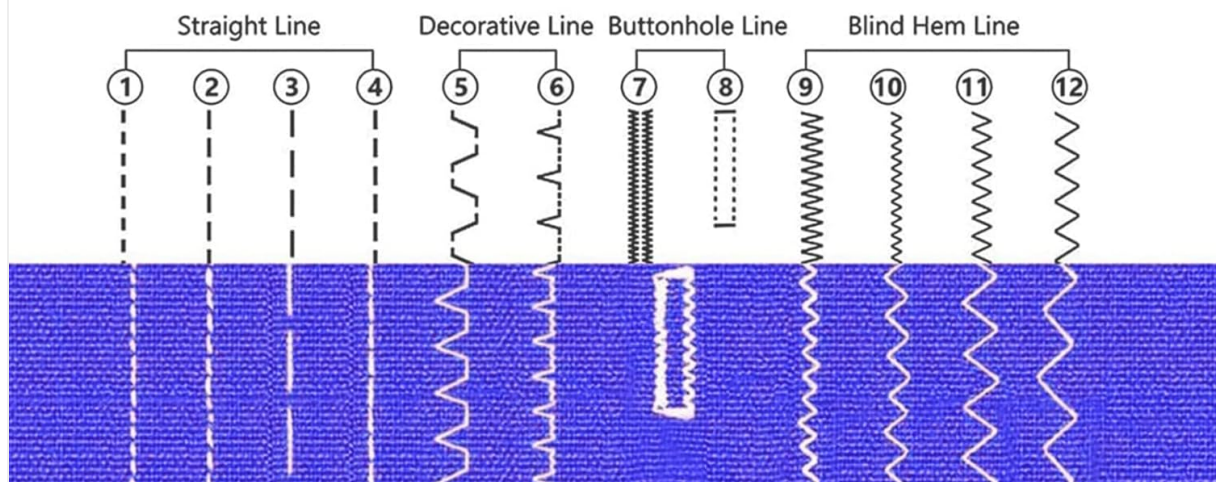


Image: A visual guide illustrating the 12 different stitch patterns, including straight lines, decorative lines, buttonhole lines, and blind hem lines, available on the sewing machine.

2. Adjusting Thread Tension

Adjust the upper thread tension dial to achieve balanced stitches. A higher number means tighter tension, a lower number means looser. Incorrect tension can lead to looping or thread breakage.

Multiple sewing functions

Patch up torn clothes or create from scratch



Image: A close-up view of the tension adjustment dial on the sewing machine, with recommended stitch values for different fabric types like pure cotton, chiffon, cowboy, and linen.

3. Sewing Speed Control

Use the OFF/L/H switch on the side of the machine to select your desired sewing speed:

- **OFF:** Machine is off.
- **L (Low):** Slower speed, ideal for beginners or intricate work.
- **H (High):** Faster speed for general sewing.

If using the foot pedal, the speed switch should be in the OFF position. The foot pedal will then control the speed.

4. Reverse Sewing

To reinforce your stitches at the beginning or end of a seam, press and hold the reverse sewing button while sewing. Release the button to resume forward stitching.

5. Using the LED Light and Thread Cutter

- **LED Light:** The built-in LED light illuminates the sewing area. Activate it using the dedicated switch.
- **Thread Cutter:** A convenient thread cutter is located on the machine for quick trimming of threads after sewing.

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Video: A demonstration of basic sewing functions, including straight stitching, reverse stitching, speed adjustment, and using the built-in thread cutter.

6. Sewing Different Fabrics

This machine is designed to handle various fabric types and can sew through up to 5 layers of denim. Always test on a scrap piece of your fabric to ensure optimal tension and stitch quality.

6 multifunctional presser feet Realize various sewing needs



Image: The sewing machine successfully stitching through five layers of denim, illustrating its capability with various fabric types including cotton, linen, pure cotton, modal, and denim.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your sewing machine:

- **Cleaning:** Regularly clean lint and dust from the bobbin area and feed dogs using a small brush.
- **Needle Replacement:** Replace needles frequently, especially when sewing different fabric types or if the needle becomes dull or bent.
- **Storage:** Store the machine in a clean, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues, try these common troubleshooting steps:

- **Skipped Stitches:** Check if the needle is inserted correctly and is not bent. Ensure the machine is properly threaded.
- **Thread Breakage:** Verify that the thread tension is appropriate for your fabric. Check for burrs on the needle or bobbin case. Ensure the thread is not tangled.
- **Fabric Not Moving:** Ensure the presser foot is lowered. Check if the feed dogs are engaged.
- **Machine Not Starting:** Confirm the power adapter is securely plugged in or batteries are correctly installed. Check the OFF/L/H switch position.
- **Noise:** Excessive noise can indicate improper threading or a need for cleaning.

SPECIFICATIONS

Feature	Detail
Model Number	LH-SM609A
Brand	ShyangLiang
Dimensions	12.6 x 9.8 x 5.9 inches (Product); 14.99 x 32 x 25 inches (Shipping)
Net Weight	2.67 KG (5.7 pounds)
Stitch Patterns	12 Built-In
Speed Control	Dual Speed (Low/High)
Power Options	AC Adapter or 4 AA Batteries
Lighting	Built-in LED Light
Thread Cutter	Built-in
Presser Feet	6 Replaceable Types

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase documentation or visit the official ShyangLiang website. Keep your proof of purchase for warranty claims.