



SAFETY INFORMATION

- This appliance cannot be used by children and persons with physical, sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children.
- Always disconnect or remove power supply including batteries when changing needles or threading machines.
- Never open the main motor case of the machine. The mechanism has been factory adjusted.
- Always check the threading of the lockstitch before beginning to sew a seam. Improper threading or placement of the bobbin in the case will result in damage to the machine.
- Do not pull on the fabric, gently guide only. Pulling could break the needle and result in damage to the machine.
- Remove batteries when the machine is not in use for long periods. This saves battery life and protects the machine. Keep extra batteries on hand so projects will not be interrupted when batteries need to be replaced.
- KEEP AWAY FROM CHILDREN: This sewing machine is not a toy and not meant to be used by or near children.
- The sewing machine is an electrical appliance when used with adapter. Do not submerge the unit or any other parts in water. Do not operate the sewing machine with wet hands, without shoes, or while standing in water or on a wet surface when using the adapter.
- Do not change needles or thread machine while unit is on. Do not touch needles before you turn off the power.
- Never use with a damaged power cord or plug.
- Keep the power cord away from heated surfaces.
- Do not close door on cord or pull around sharp edges, this could cause the cord to become punctured or damaged and could result in injury from the plug.
- Do not sew clothing while it is on your body.
- Use only the power adapter recommended by the manufacturer, any other adapter may cause injury or damage to the machine.
- Never leave the swing machine unattended while plugged in. Turn switch off and unplug the cord when not in use.

DISPOSAL

- Please respect the environment!
- Dispose of the packaging according to the local recycling regulations.
- Dispose of the appliance at the end of its life span according to environmental considerations.

WARNING

This product is intended for domestic use only.

TECHNICAL SPECIFICATION

Measurement : 20x19x9cm Power : adaptor or batteries Adaptor : output DC 6V 800mA (supplied)
 Battery : 4 x 1.5V AA batteries (not supplied) Material : ABS

Imported and distributed by Easylife Group Ltd, London NW1 0JP

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Mini Sewing Machine

INSTRUCTION MANUAL



Model No. EL5450 (FHSM-202)

Please read carefully before use and keep for future reference



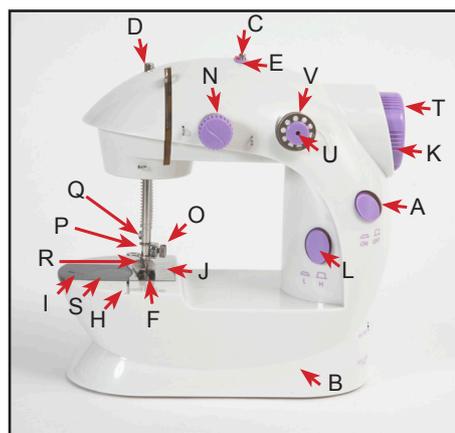
Dear Customer

Thank you for purchasing the Mini Sewing Machine.

Ideal for hemming, alterations and repairs... along with more ambitious projects, this lightweight, compact and portable Mini-Sewing Machine boasts features usually found in bigger (and more expensive) machines. For instance, an extension table for larger items and stability, a foot pedal to keep your hands free, a U-shape slot design for sleeves and pants and two sewing speeds. It can even sew thick fabric and multiple layers (up to 8 layers of thin Jeans). With functions for double threading (to make stitches flatter, firmer and uninterrupted), tension adjustment and automatic winding (for high-quality sewing), built-in winding pole and spool assist to rewind the bobbins... and more! Powered with supplied 800mA mains adaptor, or 4xAA batteries (not included), it's perfect for daily use, crafting, beginners, DIY, even outdoor use, complete with 4 bobbins, needle and threader. Measures L20xH19xW9cm, with table work surface of W10xL16cm, imprinted cm and inch markings.

PARTS & ACCESSORIES

Thread Spindle (C)	Thread Spool (E)
Bobbin Holder (V)	Bobbin winder Spool (T)
Hand Wheel (K)	Bobbin Spindle (U)
ON/OFF light (X)	ON/OFF switch (A)
Speed Button (L)	Takeup Lever (D)
Presser foot (F)	Bobbin Holder (J)
Light (W)	Bobbin (S)
Needle (R)	Adjusting Screw (Q)
Needle Clamp (P)	Needle Clamp Screw (O)
Bobbin Compartment (I)	
Battery Compartment (B)	
(on underside of machine)	



MAIN UNIT (back view)

Presser Foot Lever (G)
 Foot Pedal Jack (M)
 DC Jack 6V
 (use by AC Adapter)

ACCESSORIES

Needle
 Needle Threader
 Foot Pedal
 Four Metal Bobbins

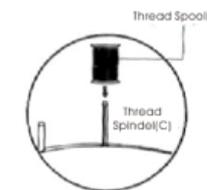


GETTING STARTED

(Refer to illustrations for locations and configuration of components).

AFTER REMOVING MACHINE FROM PACKING BOX:

1. Make certain On/Off switch (A) is in Off position before inserting batteries.
2. Put 4 AA batteries into the battery compartment (B) on underside of machine.
3. Push switch (A) to turn on or off. In "On" position switch is flush with machine. In "Off" position switch is extended out. Machine will start sewing immediately. Be sure the machine is properly threaded and fabric is positioned for sewing before you turn on machine.



THREADING MAIN UNIT USING THREAD SPINDLE:

1. Raise thread spindle (C) by grasping the exposed top and pulling upward until thread spindle (C) is fully extended.
2. Place thread spool (E) on the thread spindle (C) as shown.
3. Pull thread from the thread spool (E) on the thread spindle (C), and put it through the first thread guide (1) in the direction toward front of machine.
4. Bring thread across to the second thread guide (2). Thread goes over the tension adjusting screw (N) and must be positioned between the two washers behind the tension adjusting screw (N). This is what provides the lockstick tension to the thread.
5. Pull thread from tension adjusting screw (N) guide through thread guide (3) in the direction toward front of machine.
6. Pull thread through thread guide (4) on the take-up lever (D) inserting in the direction toward the front of the machine.
7. Pull thread down to thread guide (5) and insert thread from the top downward.
8. Pull thread downward through thread guide (6). If necessary, lower the needle (R) to reach this thread guide by turning the handwheel (K) slightly anti-clockwise (in the direction toward you) to lower the needle (R).
9. Insert thread through eye (7) of the needle from the front toward the back of the machine. (Use threader if necessary). If necessary, raise the needle (R) to reach eye level by turning the handwheel (K) slightly clockwise (in the direction away from you).
10. Raise the Presser Foot (F) by lifting up the lever at the rear of machine (G).
11. Pull about 10 inches of thread through the needle (R) and lay it on the deck under the presser foot (F) running in the direction away from you.





BOTTOM BOBBIN PLACEMENT:

1. Remove cover by lifting up where it has popped up at rear.
2. Place the bobbin with thread of your choice in the bobbin holder (J) Leaving about 10 inches of thread extended out from the bobbin holder (J).
3. Place the bobbin with thread of your choice in the bobbin holder(J) Leaving about 5 inches of thread and put into the gap (H).
4. Turn hand wheel (K) anti-clockwise (toward you). Needle (R) will go down, picking up the bobbin thread. Turn handwheel (K) until needle (R) has descended completely and then come up again to its highest raised point. Stop when needle (R) starts to go down again.
5. Raise the presser foot (F) and bring the spool thread around to the front. Pull it gently up and you will see it has caught the bobbin thread. Pull the two threads toward the rear (away from you) and lay them under the presser foot (F).
6. Snap the bobbin compartment (I) cover down an into place.

Note: It is essential that threading both top and bottom be done properly. Check carefully and do one practice stitch before beginning to sew. Improper threading will damage the lockstich.

The machine may have come pre-threaded from the factory. Look at this threading carefully before removing it to replace the thread or bobbin with different thread. Then follow the preceding instructions to rethread.

THREADING MAIN UNIT USING SIDE BOBBIN:

(Follow steps 4-11 on previous page with these exceptions).

1. Pull bobbin spindle (U) out from main unit.
2. Insert bobbin spindle (U) through center hole of threaded bobbin.
3. Insert bobbin spindle (U) (with bobbin attached) into bobbin holder (V). Make sure bobbin spindle (U) with bobbin are tightly secured to main unit.

Note: Thread main unit with side bobbin simultaneously with thread spool for a double stitch method. Side bobbin is to be used only if your using this particular method of stitching.

OPERATING THE MACHINE (Without the Foot Pedal):

Follow these simple steps:

1. Lift the needle (R) above the presser foot (F) by turning the hand wheel (K) slightly in clockwise direction (away from you).
2. Raise the presser foot (F) by lifting up on the lever on the rear of the machine above the presser foot bar
3. Position fabric to be sewn under the presser foot (F) with presser foot (F) in raised position. Make certain seam direction is toward you, aligned with the presser foot (F), with seam location directly under the needle (R).
4. Lower the presser foot (F) by releasing the presser foot lever (G) downward.
5. Rotate the hand wheel (K) in a clockwise direction two full turns to lock and start seam. Stop.
6. Select speed by pressing speed button (L) on face of machine. High speed, button is extended out. Low speed, button is in, flush with machine. Use low speed for intricate work which requires a lot of stopping, starting and turning fabric. Use high speed for long uninterrupted seams.
7. Turn power switch (A) to "ON" position.
8. Gently guide the fabric to keep the seam straight by pressing lightly down with your fingertips on both sides as it feeds through the presser foot (F)
9. When the seam is finished, turn switch (A) off.
10. Raise the needle (R) above the fabric by turning the hand wheel (K) sightly in a clockwise direction.
11. Raise presser foot (F) by lifting the presser foot lever (G).
12. Pull fabric toward you leaving about 10 inches of thread between the fabric and the machine.
13. Cut thread close to fabric, leaving excess thread loosely lying on the sewing deck in the direction of the presser foot (F) and toward you.
14. Begin the next seam in the same manner as above by following operating steps above.

TO USE THE FOOT PEDAL:

(Follow steps 1 - 14 on previous page with these exceptions)

1. Make certain machine is in "Off" position.
2. Plug the foot pedal jack (M) into back of machine.
3. Turn machine on by pressing the foot pedal.
4. Press gently on the foot pedal to run the machine. Let up to stop. When you are finished sewing a seam, ease your foot up and off of the foot pedal.

Note: The on-off switch on the machine should be in the "OFF" position when using the foot pedal.



ADJUSTING TENSION:

1. You should not need to adjust the tension. Tension for maximum performance has been set and adjusted at the factory. However, if you should find that stitches are too loose or too tight, you can adjust the stitch.
2. Loosen stitch by turning the tension screw (N) anti-clockwise.
3. Tighten the stitch by turning the tension screw (N) clockwise. Sewing heavier fabric may require loosening the stitch. Very light fabric may require tightening the stitch. Bobbin tension cannot be adjusted.

CHANGING THE NEEDLE:

1. Turn the hand wheel (K) clockwise to raise the needle (R) to its highest position.
2. Loosen the needle clamp screw (O) by turning it anti-clockwise (toward you). You may need to use a short slotted screwdriver or small pliers.
3. Remove the needle (R), pulling down, away from the needle clamp (P).
4. Place the new needle with the flat side facing in against the needle clamp (P).
5. Push it gently as far up as it will go, and against the needle clamp (P).
6. Tighten the needle clamp screw (O) while holding the needle (R) in place.

Note: Needles come in various sizes designated by numbers. They designate the left of the needle. The smaller the number, the thinner the needle. Use smaller needles for more delicate fabrics and larger needles for heavier fabrics.

WINDING THE BOBBIN:

You can wind your own bobbins with thread from spools (not included) to have a virtually unlimited thread color selection. Match your fabrics or contrast with the thread shades of your choice.

1. Always remove the bobbin (S) from the bobbin case on the machine before you wind a new bobbin.
2. Place the thread spool (E) on the thread spindle (C).
3. Put the bobbin pin into the hole on the hand wheel and turn it slightly anti-clockwise.
4. Take an empty bobbin in one hand. Pull the thread down from the thread spool (E) and thread the loose end through the small hole on the bobbin rim from the inside.
5. Leaving the loose end on the outside of the bobbin, wind the thread several turns around the inside of the bobbin.
6. Place the bobbin on the bobbin pin, making certain that the thread is winding onto the bobbin in an anti-clockwise direction. (This would mean the thread should be winding under the bobbin, not over it).
7. Hold the thread lightly guiding it gently through your thumb and index finger.
8. When the bobbin is full, switch off the machine. Insert the bobbin into the bobbin case using the instructions for threading the machine.

SEWING SLEEVES:

1. The machine is designed to allow you to sew sleeves more easily. First take up the presser foot (F) and position the sleeve under the needle. Put the bobbin part of the sleeve in the gap between the platform and the base.
2. Lower the presser foot and follow the step 5-13 in the section of operating the machine on the previous page. Now you can sew the sleeves easily.
3. The light (W) in the sewing machine head can illuminate your sewing when more light is needed.

HOW TO INSTALL EXPANSION TABLE:

1. Open the feet on underside of the table and lay on a flat, stable surface.
2. Slot the machine into the gap on the table.

