SM-508 Quick Start Guide

Please read the operation guide carefully before operating the sewing machine.

Useful notice for usage:

1. Correct threading, make sure each step must be followed exactly.  
   **Note:** For threading guide, please refer to the back of this card.
2. Replace the bottom thread with a full well winded bobbin.
3. Rotate the hand wheel anticlockwise as the arrow direction; Normally, don't rotate the hand wheel clockwise.
4. Rotate the hand wheel to sew 2-3 stitches before turning on the switch to make sure there is no jam in thread.
5. Every time, after threading is done, double check if the machine is properly threaded:  
   Raise the presser foot and put the upper thread under the foot, then pull the thread to see if the thread goes through smoothly; if not, re-thread and check again. Make sure the threading goes smoothly before you start sewing.
6. Never change the stitch type when sewing. Turn off the switch and raise the needle above the needle plate before changing the stitch, in case of needle bent or break.
7. Switch off the machine when using the foot pedal.
8. Make sure the needle installed correctly, the flat side faces to the needle bar, push the needle all the way up. then tighten the screw.
9. Do not running the machine without fabric in it in case of damaging the machine.
10. Turn of the machine timely after sewing to the edge of fabric.
11. Switch off the machine immediately once the thread breaks or runs out off the needle eye or gets stuck in the bobbin case.
12. When sewing denim fabric, please change the needle type (#16).
1. Threading steps (with the sewing machine facing the user)

Step-1. Place the thread spool on the thread spindle (Fig. 1).
Step-2. Guide the thread through the bobbin winder with correct direction (Fig.2).
Step-3. Lift the take-up lever, guide the thread go through the groove of the tension disc (Fig.3).
Step-4. Pull the thread go through the U shape panel (Fig.4).
Step-5. Go through the hole of take-up lever from right to left direction (Fig.5).
Step-6. Go through the hole in the needle holder (Fig.6).
Step-7. Threading the needle eye from front to back (Fig. 7).

![Fig.1-Fig.5](image1)

![Fig.6-Fig.7](image2)

2. Draw up the bottom thread

Step-1. Pull out the upper thread and bottom thread for about 15 cm (Fig.8).
Step-2. With one hand hold the upper thread, with the other hand turn the hand wheel anticlockwise for one circle (Fig.9).
Step-3. Pull up the upper thread and the bottom thread will be drawn up from the hole of needle plate (Fig.10).
Step-4. Pull the upper thread and bottom thread together under the presser foot and backwards (Fig.11).
Step-5. Position the fabric you want to sew under the presser foot, lower down the presser foot (Fig. 12).

![Fig.8-Fig.12](image3)
Sewing Machine User Manual

Thank you for purchasing our product! Please read the instruction book carefully before operating the sewing machine, this model is for Household use. Please note that any update of the manual is made without prior notice.

Model: UEAOIO

2. IMPORTANT SAFETY INSTRUCTIONS

1. Always switch off the appliance, disconnect from the power supply and remove foot pedal when,
   • changing the needle
   • threading the needle
   • changing bottom bobbin
   • changing any parts
   • clean the machine
   • after each use
2. This machine is not a toy.
3. Children should only use the appliance with adult supervision.
4. Never run the machine when there's thread in the needle, but no fabric on the machine. This could damage the machine.
5. Don't use the machine outdoors.
6. Whenever the sewing machine is not in use make sure it is switched Off and unplugged from the power supply and remove foot pedal.
7. Keep the machine in a dry and ventilated place.
8. Don't disassemble the machine unless you are a professional.
9. Do not operate the appliance when it is damaged or malfunctions, return appliance to the authorized service agent or seller.
10. Never leave the appliance unattended when it is in use.
11. Always keep your hands away from the needle, hand wheel, upper thread tension dial and pattern selection dial when the appliance is running.

2. ACCESSORIES

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot Pedal</td>
<td>X1</td>
</tr>
<tr>
<td>Thread Spool</td>
<td>X2</td>
</tr>
<tr>
<td>Bobbin</td>
<td>X2</td>
</tr>
<tr>
<td>Needle Threader</td>
<td>X1</td>
</tr>
<tr>
<td>Needle (#14)</td>
<td>X1</td>
</tr>
<tr>
<td>Adaptor</td>
<td>X1</td>
</tr>
</tbody>
</table>
3. Name of Parts

Front View

1. Take up lever
2. Upper thread tension dial
3. Pattern selection dial
4. Thread cutter
5. Light
6. Needle clamp screw
7. Bottom bobbin
8. Drawer
9. Hand wheel
10. Reverse button
11. Power Off & speed switch

Rear View
1. Bobbin winder pin
2. Bobbin winder Stop
3. Foot pedal input
4. Bobbin winder tension disk
5. Presser foot lifter
6. Presser foot
7. DC input

**USING THE FOOT PEDAL AND ADAPTOR**

1. Connect the foot pedal by inserting the jack into the foot pedal input socket. Then you can use the foot pedal to turn on the machine instead of using the hand switch (Power off and speed switch), so it is easy and convenient.

2. Connect the adaptor’s jack to the DC input socket on the back of the machine, and connect the plug to the main power supply.

Caution: make sure the foot pedal is unplugged from the machine when you’re not using it, so the sewing machine won’t accidentally start up.

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4. Needle Replacement

If the needle breaks, or you need a different needle to sew a different kind of fabric, just follow these steps:

**CAUTION:** To prevent injury from accidentally starting up the machine, make sure to turn off the switch, remove the foot pedal and the Adaptor plug.

1. Turn the hand wheel to raise the needle to its highest position. Hold the old needles and loosen the needle clamp screw. Remove the old needle and discard responsibly. (Fig. 1)
2. Insert the new needle into the clamp with the flat side toward the needle bar. Be sure to push the needle completely into the clamp before tightening the needle clamp screw.
3. Tighten the needle clamp screw.
CAUTION: Needle direction must be correct and be sure to tighten the thimble screw, to avoid needle fall by accident.

5. Threading upper thread

1. Turn the hand wheel to raise the needle to its highest position.

2. Put a spool on the thread spindle, put on the thread spindle cover and then pull out the thread.

3. Pull the thread and let it passes through the bobbin winder tension disk.

4. Guide the thread go through the groove and pull it up towards the chromed take up lever.

5. Feed the thread through the hole in the chromed lever and pull straight down towards the needle.

6. Feed the thread through the hole in the needle holder, then through the eye of the needle from the front side to the back and pull out 10cm to the back.

CAUTION: Always switch Off the appliance, disconnect from the power supply and remove foot pedal when threading the machine.
6. Presser Foot Replacement

1. Removing the presser foot
   Turn the hand wheel counterclockwise to raise the needle to its highest position. Raise the presser foot lifter, and press the presser foot locking lever. The presser foot will drop off automatically from the locking device. (Fig. 3; Fig. 4)

2. Installing the presser foot
   Put the presser foot under the presser foot locking device, lower the presser foot lifter, press the presser foot locking device to reset the foot, and lift the presser foot lifter. (Fig. 5; Fig. 6)

CAUTION:
1. Always switch off the appliance, disconnect from the power supply and remove foot pedal when replacement presser foot.
2. When replace the presser foot please place the machine on a stable platform,
3. When put down the presser foot please do not put your hand or finger under it to avoid injuring fingers.

7. Threading the Sewing Machine

Replacing the bottom bobbin
1. Slide the bobbin cover button to the right and remove the bobbin cover (Fig. 7).

2. Put the new bobbin in the holder, with the thread going clockwise. Leave 10 cm of thread hanging out (Fig. 8)

3. Hold the end of the upper thread with one hand, and turn the hand wheel counterclockwise with the other hand, the thread will pick up the bobbin thread and pull it up through the hole under the needle (Fig. 9).
4. Replace the bobbin cover and separate the two threads and pull them to the back of the machine under the presser foot, leaving about 10cm hanging there (Fig. 10).

CAUTION:
1. Always switch Off the appliance, disconnect from the power supply and remove foot pedal when replacing bottom bobbin.
2. Please use metal bobbins, otherwise the magnetic holder cannot tense the bobbin thread and work rightly.

8. Sewing
1. Turn the hand wheel counter clockwise to raise the needle to its highest position.
2. Raise the presser foot lifter and place the fabric you want to sew under the presser foot (Fig. 11).
3. Lower the presser foot (Fig. 12).
4. Rotate the pattern selection dial to select the stitch pattern you wanted.

CAUTION:
• Before you change the stitch pattern, please turn off the switch and turn the hand wheel to raise the needle all the way up so it doesn’t get stuck and bent.
• Changing the Stitch pattern is not allowed when the machine is running; otherwise, the needle and/or machine may damage.

5. Turn the hand wheel counter clockwise several times to make Sure there is no jamming in the stitches.
6. Slide the power switch to the Low or High-speed position and the machine will automatically start sewing. We recommend the low speed for beginners (Fig. 13).
7. When you finish the sewing, turn Off the switch, unplug the adapter, turn the hand wheel to raise the needle all the way up, lift the presser foot, and then gently remove the fabric from the sewing machine, and cut the thread with the thread cutter. (Fig. 14).

USAGE TIPS:
1. Please turn the hand wheel if it is difficult to remove the fabric, and then pull out the fabric gently.
2. If the thread had tangled or jammed, please turn the hand wheel and simultaneously pull the thread slightly to release the thread. Bottom bobbin mechanism is a more precise part, inappropriate actions may damage it. Please do not push or pull it by finger or any tools.

Features
1. Selection of stitch pattern
Rotate the pattern selection dial to select the 16 stitch patterns you wanted.

CAUTION:
- Before you change the stitch pattern, please turn off the switch and turn the hand wheel to raise the needle all the way up so it doesn't get stuck and bent.
- Changing the stitch pattern is not allowed when the machine is running; otherwise, the needle and/or machine may damage.
2. Reverse sewing
Reverse sewing (back stitching) is useful for reinforcing the beginning and end of seams. To use this function proceed as follows:
Sew forwards as normal, and then press and hold down the reverse stitch button on the front of the sewing machine to Sew backwards.

To sew forwards again simply release the reverse stitch button.

Reverse sewing distance is 1.5—4.5mm, according to the need to control the reversing button trip to control the sewing distance, reversing button pressing end; sewing distance maximum.

**Caution:** reverse sewing is only for the straight stitch.

3. Setting the sewing speed
Slide the power switch to "L" or "H" position.
- L: Low speed
- H: High speed

4. Working lamp
If additional light is needed, press the light switch to turn the light "ON" Press the switch again to turn it "OFF"?

5. Thread cutter
The machine has a thread cutter on the central left side Of the machine, it can cut off the thread after sewing or winding thread.

6. Sewing sleeves
This sewing machine has been designed to sew sleeves or any narrow Openings in garment. Pull out the drawer and position the garment over the sewing arm if you want to sew the Sleeves.

10. Manual Buttonhole
(1) Put the cloth under the presser foot and lower the presser foot on the cloth where you need to sew buttonhole, then choose the 15th stitch.
(2) Turn on the switch and sew 5-6 stitch in low speed, then turn off the switch (Fig. 15).
(3) Choose the 15th stitch, turn on switch and sew on the cloth in suitable length, then turn off switch. Note that try to keep sewed stitch in straight line (Fig. 16),
(4) Choose the 15th stitch, then turn on switch and sew 5-6 stitch in low speed, then turn off switch (Fig. 17).
(5) Raise the presser foot, rotating the cloth for 180 (Fig 18)
(6) Choose the 16th stitch, then turn on switch and sew till buttonhole is fully sewed. (Fig. 19).
11. Drawer

This drawer is an accessory storage compartment, which can be slide out and you can store spare bobbins, needles, etc. in it.

12. Winding the Bobbin

1. Put a spool of thread on spool pin. (Fig. 20)

2. Guide the thread through the bobbin winder tension disk on the upper side Of the machine. (Fig.21)

3. Put the bobbin on the bobbin winder pin, wind thread clockwise around bobbin several times. (Fig.22)

4. Push bobbin to the left. (Fig. 23)

5. Switch on the machine to start winding (Fig. 24),

6. Switch off the machine to stop winding after appropriate volume Of thread you wanted had winded on bobbin.

7. Push bobbin away from bobbin winder stop, take bobbin Off the pin and cut the thread. (Fig.25)

CAUTION:
• During bobbin winding, no thread on the needle / take up lever is allowed.
13. Adjusting Stitching

1. As shown in the Picture A, normal stitching shall have top and bottom threading evenly, neither over tight nor loose.

2. If the bottom threading looks like a straight line (Fig. B), which indicates the top thread is too loose. Please turn upper thread tension dial to direction with bigger number to increase pressure until the stitching returns to normal.

3. If the top thread looks like a straight line (Fig. C), which indicates an over-tight top thread. Please turn the upper thread tension dial to the direction with smaller number to reduce pressure until the stitching back to normal.
14. Sewing a Button

(1) Set the machine for stitch #5, #6, #14, #15 depending on the distance between the holes of the button.
(2) Position the fabric and button under the presser foot.
(3) Lower the presser foot.
(4) Turn the handwheel to make sure the needle clears both left and right hole.

Note: (1) It may be necessary to change to a different zig-zag stitch selection until you find the one that is appropriate for the button. To do so, raise the needle out of the fabric, select the new stitch, lower the presser foot and then turn the handwheel to see if it clears the holes of the button.

(2) Once you have determined the correct zig-zag stitch setting for the button, sew 10 stitches. If a button shank is required, place a needle on top of the button and sew over the top of it, as shown.

(3) When finished, pull both threads to the backside of the fabric using a hand needle, then tie together to

15. Applicable Cloth for Sewing

<table>
<thead>
<tr>
<th>Sewing Presentation</th>
<th>Cloth</th>
<th>Cotton/Linen</th>
<th>Silk/Wool</th>
<th>Polyster</th>
<th>Elastic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fabric Specification</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regular</td>
<td>✓</td>
<td>✗</td>
<td>✓</td>
<td>✗</td>
<td>△</td>
</tr>
<tr>
<td>Thick</td>
<td>✓</td>
<td>✗</td>
<td>✓</td>
<td></td>
<td>△</td>
</tr>
<tr>
<td>Thin</td>
<td>✓</td>
<td>✗</td>
<td>✗</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Hard</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✗</td>
<td>△</td>
</tr>
<tr>
<td>Soft</td>
<td></td>
<td>✗</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

Sewing effective:

- ● means easy to sew
- ✗ x means difficult to sew
- △ A means not smooth to sew

Note:

1. The definition of the fabric thickness:
   - ● Thin (fabric): Two layers of the fabric thickness < 0.35mm;
   - ✗ Thick (fabric): two layers of the fabric thickness > 0.8mm;
- Regular (fabric): two layers of the fabric thickness 0.35mm and 0.8mm.

2. **The definition of elastic cloth:**
   If the cloth, which size is 100mm x 30mm, is extending to or over 106mm under 0.5KG tension force, then the cloth is defined elastic, otherwise it is inelastic.

3. **Hard fabric:** such as Jeans, fine canvas, etc.

4. **Soft fabric:** such as towel, duster, etc,

### 16. Applicable Presser Foot

<table>
<thead>
<tr>
<th>Type of presser foot</th>
<th>Picture</th>
<th>Range Of use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catcher Foot</td>
<td><img src="image" alt="Catcher Foot" /></td>
<td>Pattern 1 to 16</td>
</tr>
<tr>
<td>Blind hem foot</td>
<td><img src="image" alt="Blind hem foot" /></td>
<td>Pattern 11 to 12</td>
</tr>
<tr>
<td>Overcast foot</td>
<td><img src="image" alt="Overcast foot" /></td>
<td>Pattern 5, 6, 14</td>
</tr>
<tr>
<td>Nail button foot</td>
<td><img src="image" alt="Nail button foot" /></td>
<td>Pattern 15</td>
</tr>
<tr>
<td>Zipper foot</td>
<td><img src="image" alt="Zipper foot" /></td>
<td>Pattern 1 to 4</td>
</tr>
<tr>
<td>invisible Zipper foot</td>
<td><img src="image" alt="invisible Zipper foot" /></td>
<td>Pattern 1 to 4</td>
</tr>
<tr>
<td>Buttonhole foot</td>
<td><img src="image" alt="Buttonhole foot" /></td>
<td>Pattern 15 to 16</td>
</tr>
</tbody>
</table>

**Note:**
Please choose the applicable presser foot based on the practical sewing of fabric.

**CAUTION:** DO not use Other presser foot except above mentioned ones.
## 17. Trouble Shooting Guide

<table>
<thead>
<tr>
<th>Problem</th>
<th>Reason</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power or the machine runs slowly</td>
<td>Adapter power is not properly connected.</td>
<td>Correctly connect adaptor. Replace with a new adaptor</td>
</tr>
<tr>
<td>Skipping stitches</td>
<td>Needle eye not in the middle</td>
<td>Remove and re-insert the needle with the flat side of the needle to the back.</td>
</tr>
<tr>
<td></td>
<td>Needle bent</td>
<td>Remove and re-insert a new needle.</td>
</tr>
<tr>
<td></td>
<td>Presser foot too loose</td>
<td>Tighten the presser foot according to installation instruction above mentioned.</td>
</tr>
<tr>
<td>Bobbin thread cannot be drawn up</td>
<td>Lower thread has been used up</td>
<td>Replace with new full bobbin.</td>
</tr>
<tr>
<td></td>
<td>Needle threaded incorrectly</td>
<td>Re-thread the needle, making sure it is threaded from the front to the back.</td>
</tr>
<tr>
<td>Thread keeps breaking</td>
<td>Thread blocked by lower bobbin</td>
<td>Correctly thread the upper thread and lower thread again according to instruction above mentioned.</td>
</tr>
<tr>
<td></td>
<td>Needle scarf too rough</td>
<td>Remove and re-insert a new needle.</td>
</tr>
<tr>
<td></td>
<td>Needle shank not seated in the upper end</td>
<td>Insert the needle correctly</td>
</tr>
<tr>
<td></td>
<td>Thread tension dial, thread guide or thread pulling bar is rough</td>
<td>Polish with fine sand paper</td>
</tr>
<tr>
<td>Stitches too loose or uneven</td>
<td>Thread blocked by upper bobbin spool</td>
<td>Pull out the spool pin and make the bobbin or thread run smoothly</td>
</tr>
<tr>
<td></td>
<td>Upper thread too loose or tight</td>
<td>Adjust thread tension dial and make the stitches sew evenly.</td>
</tr>
<tr>
<td></td>
<td>Needle bent</td>
<td>Remove and re-insert a new needle.</td>
</tr>
<tr>
<td></td>
<td>Threading incorrect</td>
<td>Check and thread again</td>
</tr>
<tr>
<td>Needle breaks</td>
<td>Presser foot and/or needle is loose</td>
<td>Remove and re-insert a new needle, and tightly fix presser foot and needle</td>
</tr>
<tr>
<td></td>
<td>Pull fabric with force when sewing</td>
<td>Remove and re-insert a new needle and tightly fix it again.</td>
</tr>
<tr>
<td></td>
<td>Needle not lowered into fabric when Start sewing</td>
<td>1. Remove and re-insert a new needle and tightly fix it, thread again, turn the hand wheel to lower the needle into fabric, and then Start sewing 2. Remove and re-insert a new needle and tightly fix it.</td>
</tr>
<tr>
<td>The needle is in the fabric when adjust the pattern selection dial</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>