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## Brother LX27NT

# Brother LX27NT Electric Sewing Machine User Manual

Model: LX27NT

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and efficient operation, setup, and maintenance of your Brother LX27NT Electric Sewing Machine. Please read this manual thoroughly before using the machine to ensure proper function and to prevent damage or injury. Keep this manual in a safe place for future reference.

### Safety Information

- Always unplug the machine from the electrical outlet when not in use, when changing needles, or when performing maintenance.
- Keep fingers away from all moving parts, especially the needle, during operation.
- Use only the accessories specified by the manufacturer.
- Do not operate the machine if the power cord is damaged or if the machine is not functioning correctly.
- Ensure the machine is placed on a stable, flat surface during use.



Image 1.1: Overview of the Brother LX27NT Electric Sewing Machine. This image displays the full machine, highlighting its compact design and the stitch selection dial on the front panel.

## 2. COMPONENTS AND ACCESSORIES

Your Brother LX27NT sewing machine comes with several standard accessories designed to enhance your sewing experience. Familiarize yourself with each component before beginning operation.

### Included Accessories:

- Foot Pedal: Controls the sewing speed.
- Power Cable: Connects the machine to an electrical outlet.
- Bobbins: Used for the lower thread.
- Needle Set: Various needles for different fabric types.
- Presser Feet: Different feet for various sewing tasks (e.g., zigzag foot, buttonhole foot).

- Screwdriver: For maintenance and adjustments.
- Seam Ripper: For removing stitches.



Image 2.1: Standard accessories included with the Brother LX27NT. This image shows the foot pedal, power cable, bobbins, needle set, and various presser feet.

## 3. INITIAL SETUP

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### 3.1 Power Connection

1. Place the machine on a stable, level surface.
2. Insert the foot pedal plug into the machine's foot pedal jack.
3. Insert the power cord plug into the machine's power inlet.
4. Plug the power cord into a suitable electrical outlet.

### 3.2 Winding the Bobbin

1. Place a spool of thread on the spool pin.
2. Guide the thread through the upper thread guide and around the bobbin winding tension disc.
3. Insert the thread through the hole in the bobbin from the inside out.
4. Place the bobbin onto the bobbin winder spindle and push it to the right.
5. Start the machine by pressing the foot pedal. The bobbin will wind automatically. Stop when the bobbin is full.
6. Cut the thread and push the bobbin winder spindle to the left, then remove the bobbin.

### 3.3 Threading the Upper Thread

1. Raise the presser foot lever.
2. Place a spool of thread on the spool pin.

3. Guide the thread through the upper thread guide.
4. Follow the numbered threading path indicated on the machine, ensuring the thread passes through the tension discs and takes up lever.
5. Thread the needle from front to back. The built-in needle threader can assist with this step.

### 3.4 Inserting the Bobbin (Lower Thread)

1. Open the bobbin cover plate.
2. Insert the wound bobbin into the bobbin case with the thread unwinding counter-clockwise.
3. Guide the thread through the tension spring and into the thread guide slot.
4. Close the bobbin cover plate.
5. Turn the handwheel towards you to lower and raise the needle, catching the bobbin thread. Pull both threads to the back under the presser foot.

## 4. OPERATING THE MACHINE

### 4.1 Stitch Selection

The Brother LX27NT offers 27 built-in stitches, including utility, decorative, and a 1-step buttonhole. To select a stitch:

1. Turn the stitch selection dial located on the front of the machine to the desired stitch number.
2. Refer to the stitch chart printed on the machine for visual guidance on each stitch pattern.





Image 4.1: Close-up of the stitch selection dial and stitch chart on the Brother LX27NT. This dial allows users to choose from 27 different stitch patterns.

## 4.2 Basic Sewing

1. Place the fabric under the presser foot, aligning the edge with a seam guide on the needle plate.
2. Lower the presser foot lever.
3. Gently press the foot pedal to start sewing. The harder you press, the faster the machine will sew.
4. Guide the fabric gently; do not pull or push it forcefully.
5. To finish a seam, press the reverse stitch lever (if applicable) for a few stitches to secure the seam, then raise the needle and presser foot.
6. Pull the fabric away from the machine and cut the threads using the thread cutter.

## 5. MAINTENANCE

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

### 5.1 Cleaning the Machine

- **Always unplug the machine before cleaning.**
- Remove the needle plate and bobbin case.
- Use the small brush provided (or a soft brush) to remove lint and dust from the bobbin area and feed dogs.
- Wipe the exterior of the machine with a soft, dry cloth. Do not use liquid cleaners.

### 5.2 Changing the Needle

- **Unplug the machine.**
- Loosen the needle clamp screw with the screwdriver.
- Remove the old needle.
- Insert a new needle with the flat side facing the back of the machine, pushing it up as far as it will go.
- Tighten the needle clamp screw securely.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter and provides solutions.

Problem	Possible Cause	Solution
Machine does not start	Power cord not plugged in; foot pedal not connected; power switch off.	Check power connections; ensure foot pedal is securely plugged in; turn on power switch.
Skipped stitches	Incorrect needle size/type; bent needle; improper threading.	Replace needle with correct type for fabric; ensure needle is not bent; re-thread machine correctly.
Thread breakage	Incorrect tension; poor quality thread; improperly wound bobbin; burr on needle plate.	Adjust tension; use good quality thread; re-wind bobbin evenly; check for burrs and smooth if necessary.
Uneven stitches	Incorrect tension settings; improper threading; fabric being pulled.	Adjust upper and lower thread tension; re-thread both upper and bobbin threads; guide fabric gently without pulling.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Brother
Model Number	LX27NT-3PIN
Generic Name	Sewing Machine
Item Weight	6 kg 200 g
Product Dimensions (LxWxH)	17.8 x 45.7 x 38.1 Centimeters (Item Dimensions LxWxH) / 19D x 19W x 33H Centimeters (Product Dimensions)
Colour	Multicolour
Included Components	Foot Pedal, Accessories, Power Cable and Standard Accessories.
Manufacture Year	2022

# brother



LX27NT

- Sewing & Mending
- 27 Sewing & Decorative Stitches

**SEWING  
MACHINE**

*Image 7.1: Side view of the Brother LX27NT, illustrating its approximate dimensions for placement and storage considerations.*

## 8. WARRANTY AND SUPPORT

For warranty information, service, or technical support, please refer to the warranty card included with your product or visit the official Brother support website. Keep your purchase receipt as proof of purchase for warranty claims.

**Manufacturer:** Brother

**Importer:** Brother International (India) Pvt Ltd Nyk Logistics Ltd, C/O Aggies Warehousing (P) Ltd, Village Adhavalli, Opp Bhawe Warehousing Complex, Near Kariavalli Village, Distt Raigard, Taluka Panvel, Navi Mumbai, 410208

