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Model: RLX3817G

INTRODUCTION

The Brother RLX3817G is a full-size, easy-to-use sewing machine designed for a variety of sewing projects. This manual provides essential information for setting up, operating, and maintaining your machine to ensure optimal performance and longevity.

Key features include:

- 17 Unique Built-In Stitches, including one 4-step auto-sized buttonhole.
- 4 included sewing feet: zigzag foot, zipper foot, buttonhole foot, button sewing foot.
- Brightly lit LED-work area.
- Free arm for sewing cuffs and sleeves.
- Jam-resistant, Quick set drop-in top bobbin system.



Image: Brother RLX3817G 17-stitch mechanical sewing machine, grey with plaid design, showcasing its compact and user-

friendly design.

SETUP

1. Unpacking and Placement

Carefully remove the sewing machine from its packaging. Place the machine on a stable, flat surface with adequate lighting. Ensure there is enough space around the machine for comfortable operation.

2. Power Connection

Connect the power cord to the machine and then to a suitable electrical outlet. Attach the foot controller plug to the machine's foot controller jack.



Image: Included accessories for the Brother LX3817G, showing bobbins, various sewing feet, needles, the foot pedal, and the operation manual.

3. Threading the Machine

Proper threading is crucial for smooth operation. Follow the numbered guides on the machine for upper thread and bobbin winding.

Upper Threading:

1. Place the spool of thread on the spool pin.
2. Guide the thread through the upper thread guide.
3. Follow the numbered path down to the tension discs and up to the take-up lever.
4. Thread the needle using the automatic needle threader or manually.



Image: Close-up of the upper thread tension adjustment dial and the threading guide on the Brother LX3817 sewing machine.

Bobbin Winding and Insertion:

1. Place an empty bobbin onto the bobbin winder spindle.
2. Guide the thread from the spool through the bobbin winding guide.
3. Start winding the bobbin until it is full.
4. Insert the wound bobbin into the quick-set drop-in top bobbin system, following the directional arrows.



Image: Close-up of the Brother LX3817G drop-in top bobbin system, showing the winding diagram directly on the machine for easy reference.

Video: Beginner-Friendly Setup and Operation

Your browser does not support the video tag.

Video: A seller demonstrates the Brother LX3817G sewing machine, highlighting its ease of use for beginners, including threading and basic operation.

OPERATING THE MACHINE

1. Stitch Selection

Turn the stitch selection dial to choose one of the 17 built-in stitches. The dial clearly displays each stitch pattern, including straight stitches, zigzag stitches, and decorative options.



Image: The stitch selection dial on the Brother LX3817G, showing various stitch patterns, buttonhole adjustment, and the reverse sewing lever.

2. Adjusting Thread Tension

Use the upper thread tension control dial to adjust the tension according to your fabric type and project. Correct tension prevents stitches from being too loose, too tight, or puckered.

3. Sewing Techniques

The machine features a free arm, ideal for sewing cylindrical items like cuffs and sleeves. The brightly lit LED work area ensures clear visibility of your project.



Image: The Brother LX3817 sewing machine with a denim pant leg positioned on its free arm, demonstrating its utility for hemming.



Image: The Brother LX3817G sewing machine with a silk blouse sleeve on the free arm, illustrating its use for delicate hem sewing.

Video: Comprehensive Beginner Guide

Your browser does not support the video tag.

Video: A seller provides a detailed, beginner-friendly guide to using the Brother sewing machine, covering various functions and tips.

MAINTENANCE

Regular maintenance ensures your sewing machine remains in excellent working condition. Always unplug the machine before performing any maintenance.

- **Cleaning:** Regularly clean lint and dust from the bobbin case area and feed dogs using the brush provided or a small, soft brush.
- **Needle Replacement:** Replace the needle frequently, especially when sewing different fabric types or if it becomes dull or bent. Use only appropriate needles for your machine and fabric.
- **Oiling:** Refer to the detailed instruction manual for specific oiling points and frequency, if applicable.

TROUBLESHOOTING

If you encounter issues with your sewing machine, consult the following common troubleshooting tips:

- **Skipped Stitches:** Ensure the needle is inserted correctly and is not bent. Check if the needle is the correct type and size for your fabric and thread. Re-thread the machine completely.
- **Thread Breakage:** Verify that the machine is threaded correctly and the thread tension is appropriate. Check for burrs on the needle plate or bobbin case. Use good quality thread.
- **Fabric Jamming:** Ensure the presser foot is lowered before sewing. Do not pull the fabric forcefully while sewing; let the feed dogs guide it.
- **Machine Not Starting:** Check if the power cord and foot controller are securely plugged in. Ensure the main power switch is turned on.

For more detailed troubleshooting, please refer to the comprehensive manual included with your machine or visit the Brother support website.

SPECIFICATIONS

Feature	Detail
Brand	Brother
Model Number	RLX3817G
Color	Grey
Material	Plastic
Product Dimensions	5.8"D x 15.4"W x 12.1"H
Item Weight	10.4 Pounds
Power Source	Corded Electric
Stitch Count	17 Unique Built-In Stitches
Buttonhole Type	4-step auto-size
Bobbin System	Jam-resistant, Quick set drop-in top

WARRANTY AND SUPPORT

For warranty information, product registration, and additional support resources, please visit the official Brother website or refer to the warranty card included with your purchase.

You can also find more information and contact support through the [Brother Store on Amazon](#).