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› Electric Sewing Machine User Manual

Beacon Pet Mini Portable Household Sewing Machine (12 Stitches)

Beacon Pet Mini Portable Electric Sewing Machine User Manual

Model: 12-Stitch Multifunction Sewing Machine

1. INTRODUCTION

Thank you for choosing the Beacon Pet Mini Portable Electric Sewing Machine. This compact and versatile machine is designed for household use, offering 12 built-in stitches and a range of features to make your sewing projects easier and more enjoyable. Please read this manual thoroughly before operating your machine to ensure safe and efficient use.



Figure 1: Beacon Pet Mini Portable Electric Sewing Machine

Key Features:

- Double thread and double speed control for versatile sewing.
- Built-in thread cutter for convenience.
- Reverse function for securing stitches.
- Integrated LED light for improved visibility.
- Adjustable thread tension for perfect stitching.
- Free-arm design for sewing sleeves and small cylindrical items.
- One-step button sewing and four-step buttonhole sewing.
- Integrated drawer for storing small accessories.

Full Function Sewing Machine

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major advantages of home sewing! Not every sewing machine*



Figure 2: Overview of Sewing Machine Functions (10 built-in stitch patterns, replaceable presser foot, overlock easily, sew sleeves, reverse sewing function, adjustable needle distance, winding function, 2 speeds & On/Off switch, classical straight line, LED night light)

2. SETUP

2.1 Unpacking

Carefully remove the sewing machine and all accessories from the packaging. Retain the packaging for future storage or transport. Verify that all components listed in the 'Kit Contents' section (Section 6) are present.

2.2 Powering the Machine

The machine can be powered by either the included AC adapter or 4 x AA batteries (not included).

- **AC Adapter:** Insert the DC plug of the adapter into the DC input jack on the back of the machine. Plug the AC adapter into a standard wall outlet.
- **Batteries:** Open the battery compartment cover on the bottom of the machine. Insert 4 x AA batteries, ensuring correct polarity (+/-). Close the cover.

PRODUCT BACK DETAILS



Figure 3: Product Back Details (showing pedal jack and power socket)

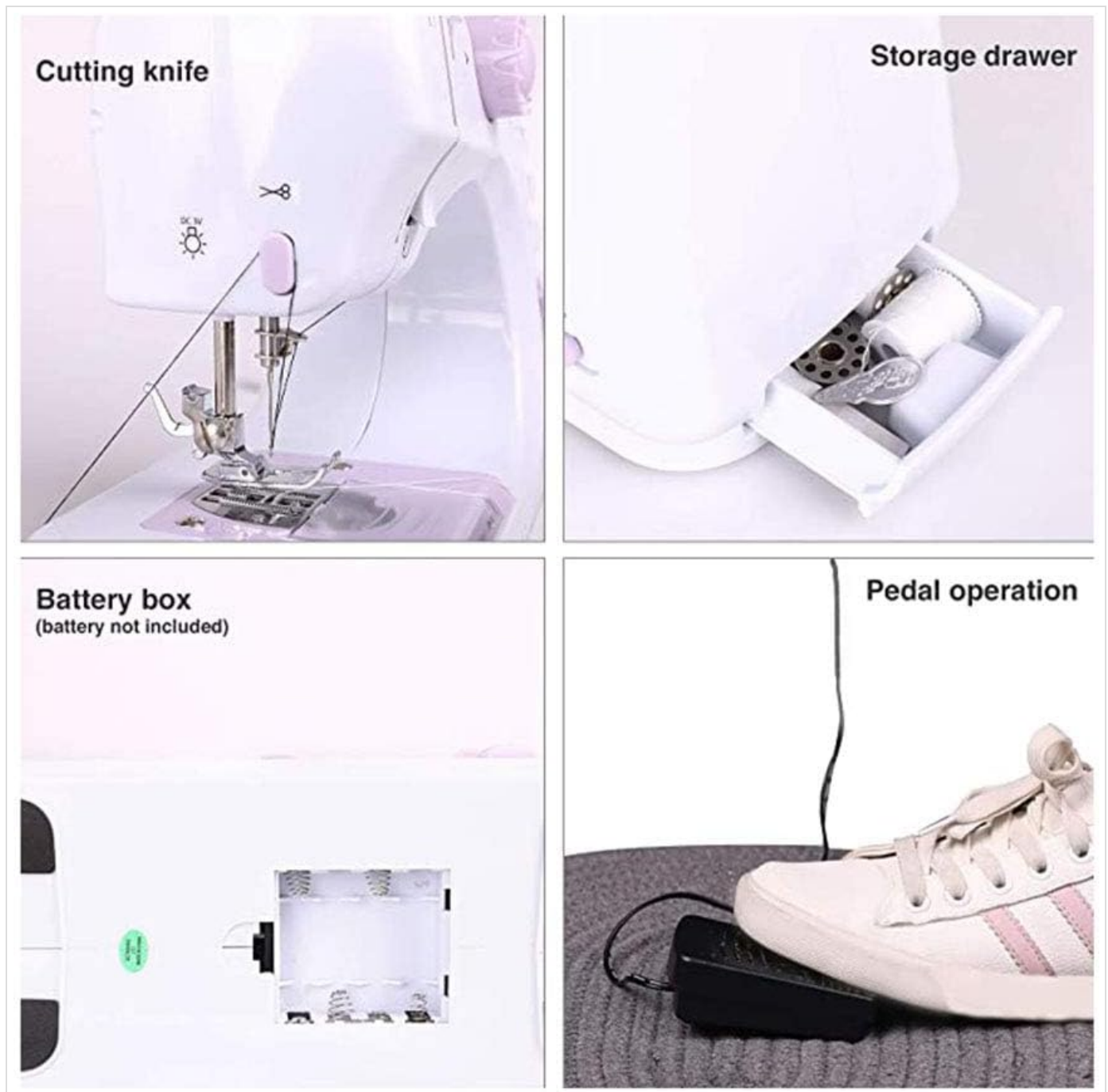


Figure 4: Battery Box Location (batteries not included)

2.3 Attaching the Foot Pedal

Insert the plug of the foot pedal into the foot pedal jack on the back of the machine. The foot pedal provides hands-free speed control.

2.4 Threading the Machine

Proper threading is crucial for good stitch quality.

2.4.1 Winding the Bobbin

1. Place an empty bobbin onto the bobbin winder spindle.
2. Place a spool of thread onto the spool pin.
3. Guide the thread through the bobbin winding tension disc.
4. Wrap the thread around the bobbin a few times clockwise.

5. Push the bobbin winder spindle to the right.
6. Turn on the machine. The bobbin will start winding. Stop when the bobbin is full.
7. Cut the thread and push the bobbin winder spindle back to the left. Remove the bobbin.

2.4.2 Inserting the Bobbin

1. Open the bobbin cover plate.
2. Insert the wound bobbin into the bobbin case, ensuring the thread unwinds in the correct direction (usually counter-clockwise).
3. Pull the thread through the tension spring and out to the left.
4. Close the bobbin cover plate.

2.4.3 Threading the Upper Thread

1. Raise the needle to its highest position using the handwheel.
2. Place a spool of thread onto the spool pin.
3. Guide the thread through the upper thread guide.
4. Bring the thread down through the tension discs.
5. Pull the thread up through the take-up lever.
6. Guide the thread down through the needle bar thread guide.
7. Thread the needle from front to back using the needle threader or manually. Pull about 6 inches of thread through the needle eye.
8. Hold the upper thread and turn the handwheel towards you to lower and raise the needle, catching the bobbin thread. Pull both threads under the presser foot and towards the back of the machine.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off and Speed Control

Use the L/OFF/H switch on the side of the machine to control power and speed:

- **OFF:** Machine is off.
- **L (Low):** Low speed setting.
- **H (High):** High speed setting.

When using the foot pedal, the switch should be in the OFF position. Press the foot pedal to start sewing and release to stop.

3.2 Stitch Selection

Rotate the stitch pattern dial to select one of the 12 available stitch patterns. Ensure the needle is in its highest position before changing stitch patterns.

3.3 Reverse Sewing Function

Press and hold the reverse sewing button (usually marked with a curved arrow) to sew in reverse. This is useful for securing the beginning and end of seams.

3.4 LED Light

The built-in LED light illuminates the sewing area for better visibility. It turns on automatically when the machine is powered on.



Figure 5: Replaceable Presser Foot, Thread Cutter, and LED Light

3.5 Using the Thread Cutter

After completing a seam, pull the fabric away from the needle and use the built-in thread cutter located on the side of the machine to quickly trim both upper and bobbin threads.

3.6 Sewing Sleeves and Cuffs

The machine features a free-arm design. To use, slide off the accessory storage drawer. This exposes the narrow free arm, ideal for sewing cylindrical items like sleeves, cuffs, and pant hems.

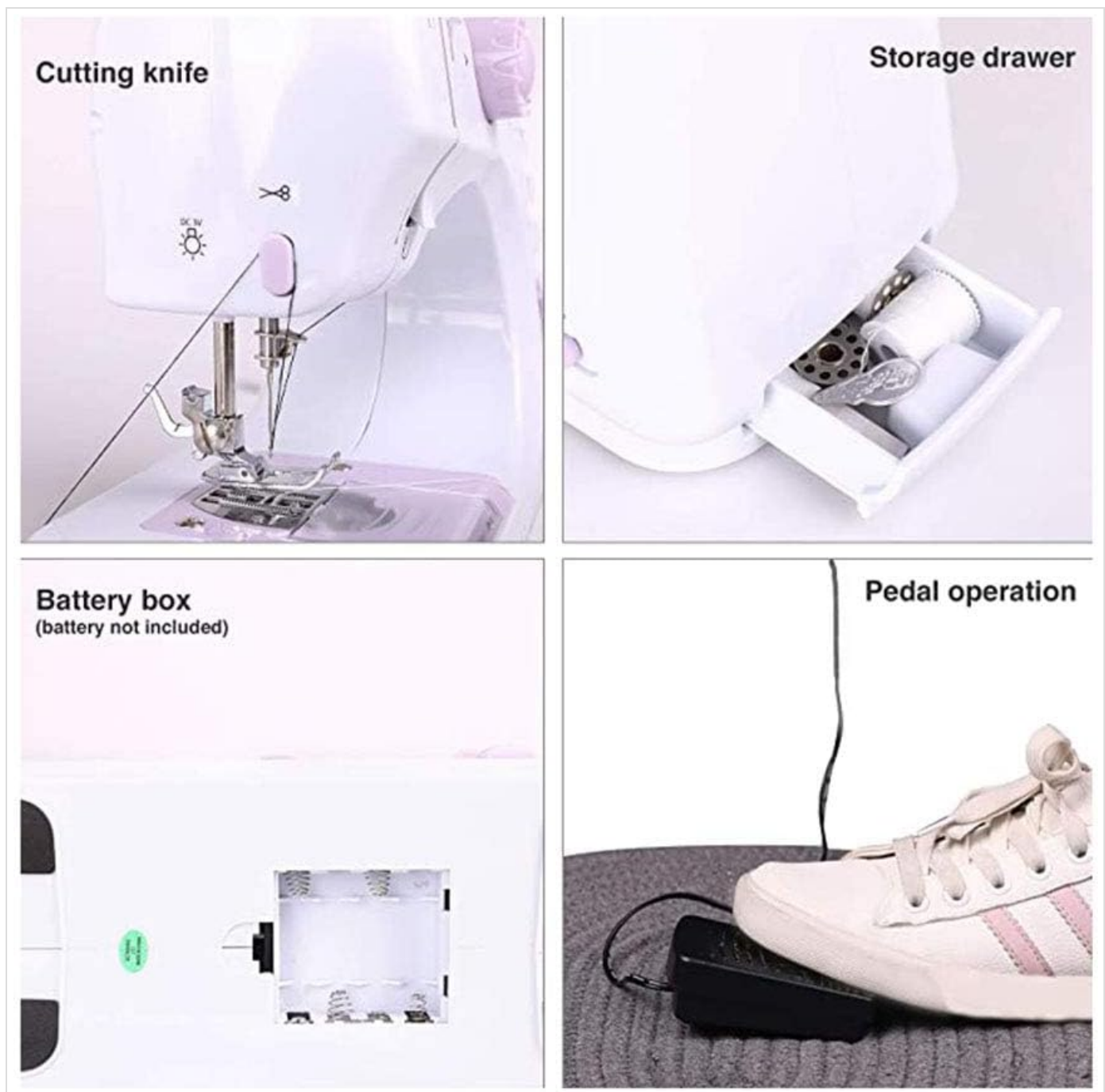


Figure 6: Cutting Knife, Storage Drawer, and Pedal Operation

3.7 Button Sewing and Buttonholes

Refer to the stitch pattern dial for specific buttonhole stitches. The machine supports both one-step and four-step buttonhole sewing, depending on the selected stitch. Consult the stitch guide on the machine for detailed instructions on each buttonhole type.

4. MAINTENANCE

4.1 Cleaning

Regular cleaning helps maintain your machine's performance:

- Always unplug the machine before cleaning.
- Use a soft brush to remove lint and dust from the bobbin area and feed dogs.
- Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or harsh chemicals.

4.2 Needle Replacement

Replace the needle regularly (after 8-10 hours of sewing) or if it becomes bent, dull, or broken. Use only needles designed for household sewing machines.

1. Turn off and unplug the machine.
2. Loosen the needle clamp screw.
3. Remove the old needle.
4. Insert a new needle with the flat side facing the back of the machine, pushing it up as far as it will go.
5. Tighten the needle clamp screw securely.

5. TROUBLESHOOTING

If you encounter issues, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Machine not starting	No power; foot pedal not connected; speed switch in OFF position.	Check power connection/batteries; ensure foot pedal is plugged in; set speed switch to L or H.
Skipped stitches	Incorrectly threaded needle; bent or dull needle; wrong needle size for fabric.	Re-thread the needle correctly; replace needle; use appropriate needle for fabric type.
Thread breaking	Incorrect tension; poor quality thread; needle inserted incorrectly; burr on needle plate.	Adjust tension; use good quality thread; re-insert needle correctly; check for burrs.
Fabric not feeding	Feed dogs clogged with lint; presser foot not lowered.	Clean feed dogs; lower the presser foot before sewing.
Uneven stitches	Incorrect tension; improper threading.	Adjust tension for both upper and bobbin threads; re-thread machine.

6. SPECIFICATIONS

Feature	Detail
Type	Portable Electric Sewing Machine
Material	Plastic + Stainless Steel
Dimensions (L x W x H)	10.8" x 4.7" x 10.2" (27.5 x 12 x 26 cm)
Weight	Approx. 5.49 pounds (2.49 kg)
Speed Modes	2 (High-low)
Input	100-240V AC 50/60Hz
Output	6V/1000mA
Power Supply Options	4 x AA batteries (NOT included) or AC adapter

Feature	Detail
Built-in Stitches	12

Kit Contents:

- 1 x Electric Sewing Machine
- 1 x English Instruction Manual
- 1 x Charger Adaptor
- 1 x Foot Pedal
- 1 x Needle Threader
- 1 x Needle
- 2 x Thread Spools
- 2 x Metal Bobbins



Figure 7: Product Dimensions

7. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact Beacon Pet customer service. Keep your purchase receipt as proof of purchase.

For the most up-to-date support information, please visit the official Beacon Pet store or contact their customer service directly.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question