

KPCB Tech FHSM-201

KPCB Tech Mini Sewing Machine User Manual

Model: FHSM-201

INTRODUCTION

Thank you for choosing the KPCB Tech Mini Sewing Machine. This compact and versatile sewing machine is designed for beginners and experienced users alike, offering ease of use and portability for various sewing projects. Please read this manual thoroughly before operation to ensure safe and efficient use of your new sewing machine.

SAFETY INFORMATION

- Always unplug the machine from the power outlet when not in use, before cleaning, or when changing needles.
- Keep fingers away from the needle, especially during operation. The included finger guard enhances safety for beginners.
- Do not operate the machine if it has a damaged cord or plug, or if it is not working properly.
- Keep the machine dry. Do not use it in wet or damp conditions.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Use only the specified power adapter.

PACKAGE CONTENTS

Your KPCB Tech Mini Sewing Machine package includes the following items:

- KPCB Tech Mini Sewing Machine
- Foot Pedal
- US Adapter
- Extension Table
- Finger Guard
- Fabric Bundles (20pcs 8"x8" 100% cotton fabrics)

- Sewing Kits (bobbins, scissor, measuring tape, thimble, needle threader, needles)
- Operation Manual



Image: KPCB Tech Mini Sewing Machine with its full set of accessories, including the extension table, fabric bundles, foot pedal, power adapter, and a comprehensive sewing kit.

PRODUCT OVERVIEW

Familiarize yourself with the different parts of your sewing machine:



BUILT-IN LED LIGHTS

Make threading easier

Image: Detailed diagram illustrating the various components of the KPCB Tech Mini Sewing Machine, including the thread path, controls, and ports.

- **Thread Spindle:** Holds the main thread spool.
- **Bobbin:** Holds the lower thread.
- **Tension Screw:** Adjusts thread tension.
- **Handwheel:** Manually raises and lowers the needle.
- **Winding Pole:** Used for winding bobbins.
- **ON/OFF Light:** Indicates power status.
- **ON/OFF Switch:** Powers the machine on or off.
- **Speed Button:** Selects between slow and standard stitching speeds.
- **Foot Pedal Port:** Connects the foot pedal for hands-free operation.
- **DC Power Port:** Connects the power adapter.
- **Presser Foot Lever:** Raises and lowers the presser foot.
- **Take-Up Lever:** Guides the upper thread.
- **Thread Cutter:** Conveniently cuts threads after sewing.

- **Lamp:** Provides illumination for the sewing area.
- **Presser Foot:** Holds the fabric firmly in place while sewing.
- **Bottom Bobbin:** Houses the bobbin for the lower thread.

SETUP

Powering the Machine

The KPCB Tech Mini Sewing Machine can be powered by either the included US adapter or 4 AA batteries (not included).

- **Adapter:** Insert the DC power plug into the DC Power Port on the machine and plug the adapter into a wall outlet.
- **Batteries:** Open the battery compartment on the bottom of the machine and insert 4 AA batteries, ensuring correct polarity.

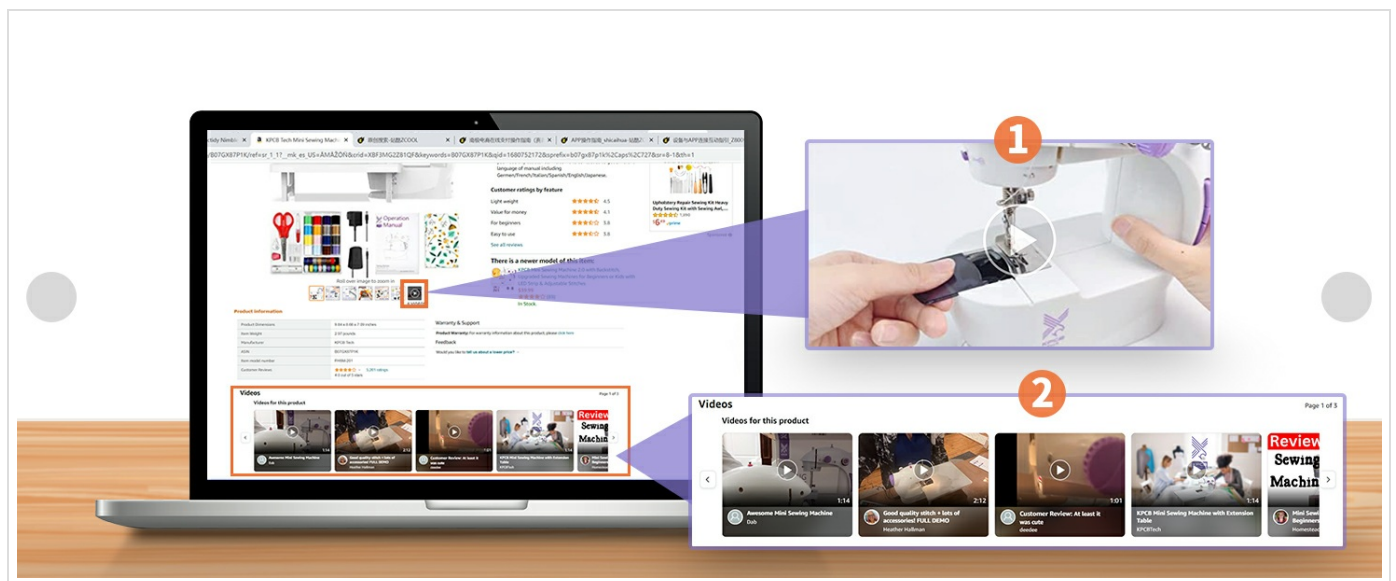


Image: Illustration of the two power options (batteries or adapter) and two control methods (button or foot pedal) for the sewing machine.

Threading the Machine

Correct threading is crucial for proper operation. The machine uses a double-thread system.

1. Upper Thread:

- Place a spool of thread on the Thread Spindle.
- Guide the thread through the first thread guide (1).
- Pass the thread through the tension disc (2) and then up through the take-up lever (3).
- Thread through the remaining guides (4, 5, 6).
- Finally, thread the needle (7) from front to back. Pull at least 6 inches of thread through the needle eye.

2. Lower Thread (Bobbin):

- Open the bobbin cover (8).
- Insert a wound bobbin into the bobbin case, ensuring the thread unwinds in the correct direction (usually counter-clockwise).
- Pull the bobbin thread through the small slot in the bobbin case.
- Hold the upper thread with one hand, and turn the handwheel towards you to lower the needle. The needle will catch the bobbin thread and pull it up through the needle plate.
- Pull both upper and lower threads under the presser foot and towards the back of the machine, leaving about

4-6 inches of thread.

Image: Visual guide for threading the upper thread, emphasizing the need for sufficient thread length after threading the needle.



Image: A close-up view of the needle area, demonstrating the built-in LED light that assists with threading and illuminates the sewing space.

Winding Bobbins

To wind a new bobbin:

1. Place an empty bobbin onto the Winding Pole.
2. Place a spool of thread on the Thread Spindle.
3. Guide the thread from the spool through the bobbin winding tension disc.
4. Wrap the thread around the empty bobbin a few times.
5. Push the Winding Pole towards the right to engage the winding mechanism.
6. Press the foot pedal or speed button to start winding. Stop when the bobbin is full.

7. Cut the thread and remove the wound bobbin.

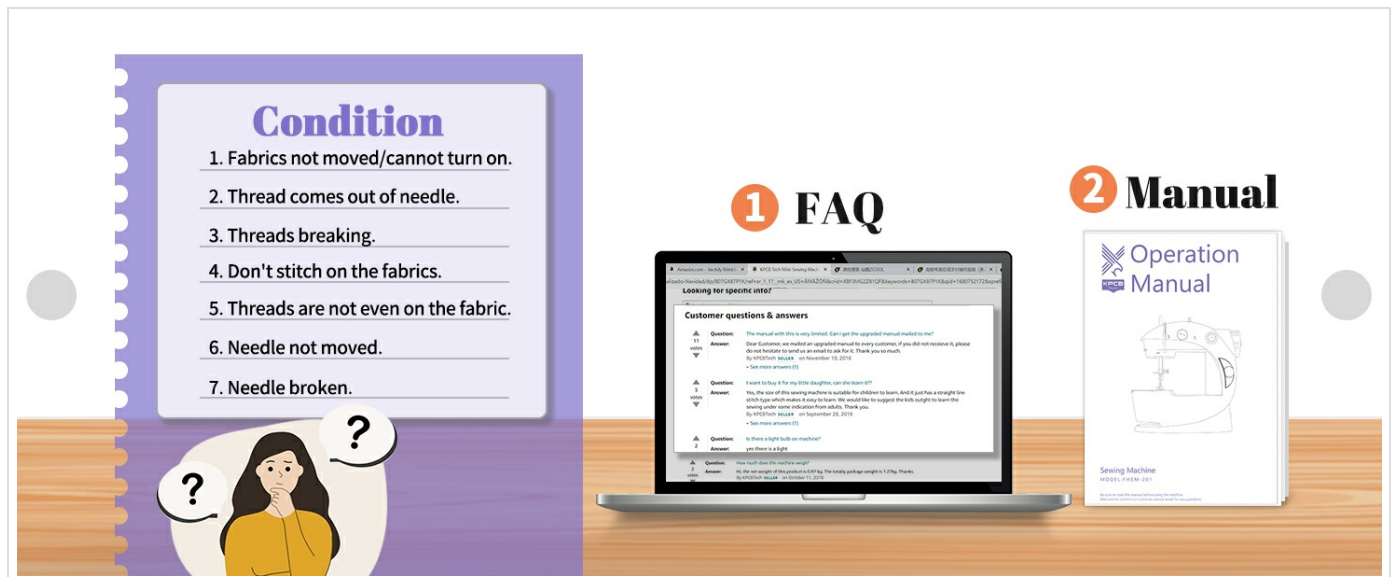


Image: A visual guide demonstrating the process of rewinding bobbins, highlighting the built-in lamp and the convenient thread cutter.

OPERATING INSTRUCTIONS

Starting to Sew

1. Ensure the machine is properly threaded (both upper and lower threads).
2. Lift the presser foot using the Presser Foot Lever.
3. Place your fabric under the presser foot.
4. Lower the presser foot onto the fabric.
5. Turn the Handwheel towards you to lower the needle into the fabric at the starting point.
6. Select your desired speed using the Speed Button (slow or standard).
7. Press the ON/OFF Switch or the Foot Pedal to begin sewing. Guide the fabric gently as you sew.



Image: A user operating the sewing machine, highlighting the transparent finger guard that provides protection during stitching.

Ending a Stitch

To properly end your stitching and remove the fabric:

1. Release the foot pedal or press the speed button to stop sewing.
2. Turn the Handwheel to raise the needle to its highest position.
3. Lift the presser foot using the Presser Foot Lever.
4. Gently pull the fabric away from the machine.
5. Use the built-in Thread Cutter to cut the threads, leaving enough length for the next stitch.

Video: This video demonstrates the correct procedure for ending a stitch on the KPCB Tech Mini Sewing Machine, including lifting the needle and presser foot, and cutting the threads.



Image: A visual guide on how to correctly finish a sewing line, emphasizing the importance of lifting the needle and presser foot before removing the fabric to avoid needle damage.

Fabric Compatibility

The KPCB Tech Mini Sewing Machine is designed for a variety of fabrics. It can sew up to 5 layers of fabric without manual knot ending.



Image: This image demonstrates the machine's capability to stitch through multiple layers of various fabrics, such as nylon, denim, and cotton.

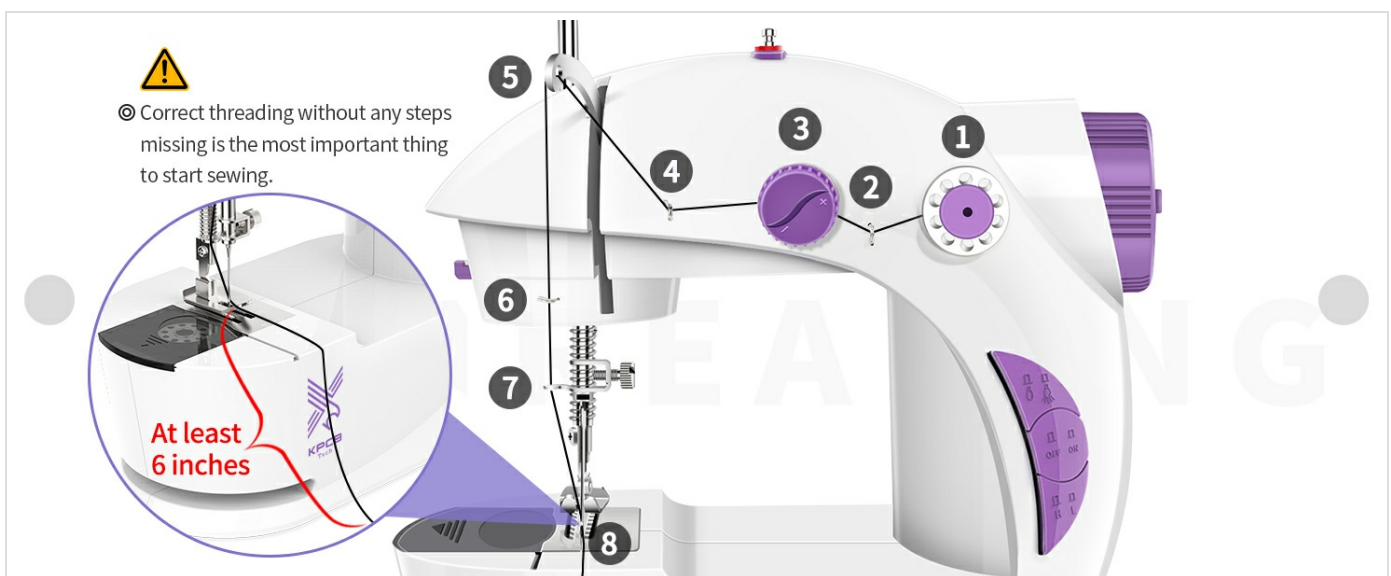


Image: A detailed chart indicating the compatibility of the sewing machine with different fabric types (Cotton/Linen, Silk/Wool, Polyester, Elastic) and thicknesses

(Regular, Thick, Thin, Hard, Soft).

MAINTENANCE

- Always unplug the machine before cleaning.
- Use a soft, dry cloth to wipe the exterior of the machine.
- Regularly remove lint and thread scraps from the bobbin area and under the needle plate using a small brush.
- Do not use liquid cleaners or abrasive materials.
- Store the machine in a dry, dust-free environment.

TROUBLESHOOTING

If you encounter issues with your sewing machine, refer to the common problems and solutions below:

Problem	Possible Cause & Solution
Fabrics not moved / Machine won't turn on	Check power connection (adapter or batteries). Ensure ON/OFF switch is engaged. Verify foot pedal connection if used.
Thread comes out of needle	Ensure enough thread is pulled through the needle eye (at least 6 inches). Check if the thread is properly seated in all guides and tension discs.
Threads breaking	Incorrect threading, tension too tight, needle bent or dull, poor quality thread. Re-thread the machine, adjust tension, replace needle.
Doesn't stitch on fabrics	Incorrect threading, needle inserted incorrectly, bobbin thread not picked up. Re-thread both upper and lower threads. Ensure needle is fully inserted with the flat side facing the back.
Threads are not even on the fabric	Thread tension imbalance. Adjust the tension screw. Test on a scrap piece of fabric.
Needle not moved	Handwheel not turned to raise/lower needle, or machine is jammed. Turn handwheel manually. If jammed, turn off power, cut threads, and clear any obstructions.
Needle broken	Needle hitting the presser foot, pulling fabric too hard, using wrong needle for fabric type. Replace needle. Ensure fabric is guided gently.

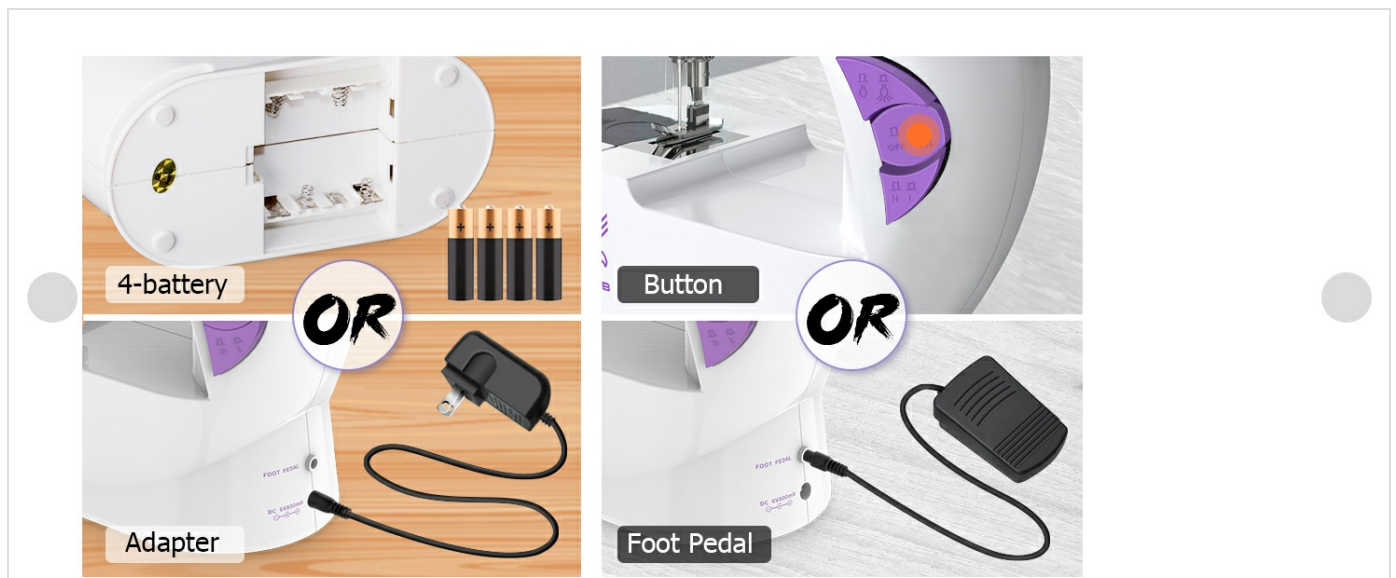


Image: A visual representation of common sewing machine problems and a reminder to consult the FAQ or the user manual for assistance.

SPECIFICATIONS

Brand	KPCB Tech
Model Number	FHSM-201
Product Dimensions	9.84 x 8.66 x 7.09 inches (25 x 22 x 18 cm)
Item Weight	2.97 pounds (1.35 kg)
Color	White
Power Source	US Adapter (included) or 4x AA Batteries (not included)
Stitching Speed	Slow and Standard
Thread Type	Double-thread

WARRANTY & SUPPORT

For warranty information or technical support, please contact KPCB Tech directly through the seller contact options on the platform where you purchased the product. You can also refer to the official product page for frequently asked questions and additional tutorial videos.

This manual is available in multiple languages including German, French, Italian, Spanish, English, and Japanese. Please contact us if you require a different language version.

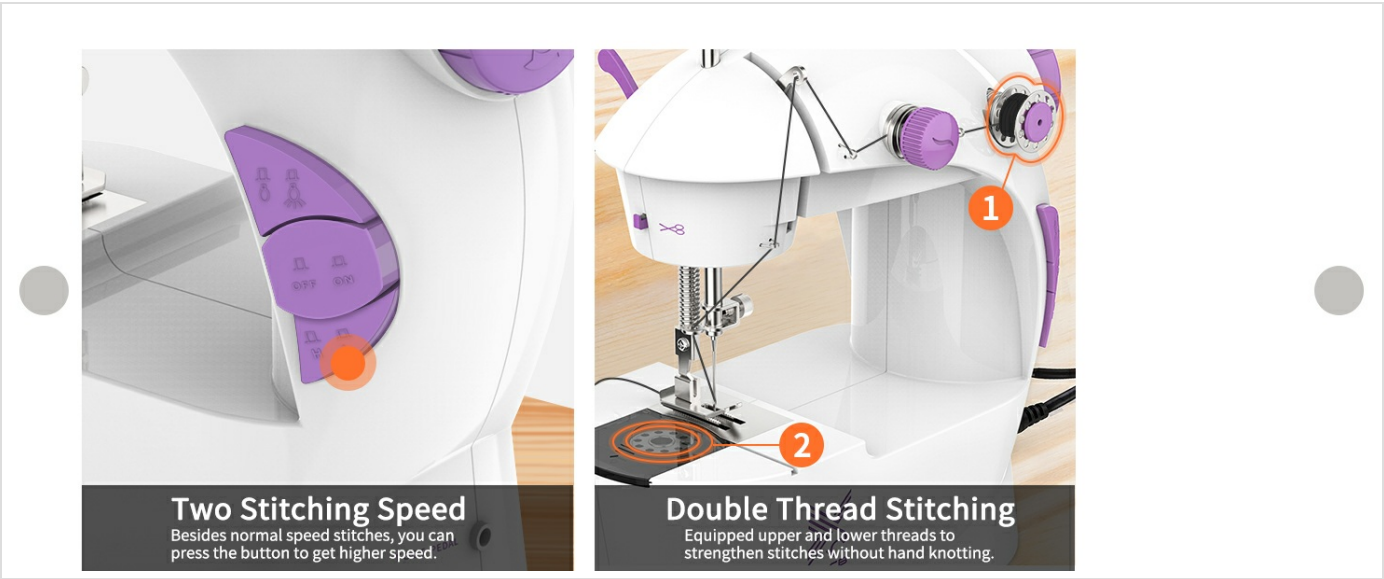


Image: A laptop screen displaying online resources such as product videos and frequently asked questions, available for further assistance.

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