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› SINGER 7470 Confidence Computerized Sewing Machine User Manual

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SINGER 7470 Confidence Computerized Sewing Machine User Manual

Model: 7470

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your SINGER 7470 Confidence Computerized Sewing Machine. Please read all instructions carefully before using the machine to ensure proper function and to prevent injury.

2. IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic safety precautions should always be followed, including the following:

- Always unplug the machine from the electrical outlet immediately after using and before cleaning, removing covers, or making any user servicing adjustments.
- Do not allow children to play with the machine. Close supervision is necessary when the machine is used by or near children.
- Use this appliance only for its intended use as described in this manual. Use only attachments recommended by the manufacturer.
- Never operate this machine if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water.
- Keep fingers away from all moving parts. Special care is required around the sewing machine needle.
- Always use the proper needle plate. The wrong plate can cause the needle to break.
- Do not pull or push fabric while stitching. This may deflect the needle, causing it to break.
- Wear safety glasses when operating the machine.

3. PRODUCT FEATURES

The SINGER 7470 Confidence sewing machine offers a range of electronic features designed to enhance your sewing experience:

- **Electronic Control:** Features an LCD screen and simple push-button control panel for stitch selection and adjustments.
- **Extensive Stitch Programs:** Includes 150 stitch programs, offering four types of one-step buttonholes, an alphabet (upper & lower case), numbers, a hand-look quilt stitch, decorative stitches, and essential construction stitches.
- **Customizable Settings:** Each stitch has optimal pre-programmed settings, which can be adjusted as needed.
- **Memory Function:** Temporary memory for up to 20 characters.

- **Stitch Editing:** Capability to mirror image, edit, and elongate stitches.
- **Continuous Design:** A continuous design sew option for repetitive patterns.
- **Electronic Twin Needle Control:** For precise twin needle sewing.
- **Drop & Sew Bobbin System:** Simplifies bobbin insertion and threading.
- **Built-in Needle Threader:** For quick and easy needle threading.
- **Needle Positions:** 13 needle positions for versatile stitching.
- **Free Arm:** Provides easy access for sewing cuffs, collars, and other small projects, with integrated accessory storage.
- **Included Accessories:** Comes with five snap-on presser feet.

4. SETUP

4.1 Power Connection

1. Ensure the machine is turned off.
2. Connect the power cord to the machine's power input jack.
3. Plug the power cord into a 110-volt electrical outlet. This machine is designed for United States and Canadian use only.
4. Connect the foot controller to the machine's foot controller jack.

4.2 Bobbin Winding and Insertion

The SINGER 7470 features a convenient Drop & Sew Bobbin System.

1. Place a spool of thread on the spool pin.
2. Follow the winding path indicated on the machine to wind thread onto an empty bobbin.
3. Once the bobbin is wound, open the bobbin cover plate located on the needle plate.
4. Insert the bobbin into the bobbin case, ensuring the thread unwinds in the correct direction (usually counter-clockwise).
5. Guide the bobbin thread through the tension spring and into the thread guide slot.
6. Replace the bobbin cover plate.



This image illustrates the process of inserting the bobbin into the machine's drop-in bobbin system. Ensure the thread is correctly routed through the tension spring.

4.3 Upper Threading

1. Raise the needle to its highest position using the handwheel.
2. Place a spool of thread on the spool pin.
3. Follow the numbered threading path indicated on the machine, guiding the thread through all tension discs and guides.
4. Ensure the thread passes through the take-up lever.
5. Thread the needle from front to back.

4.4 Built-in Needle Threader

To use the built-in needle threader:

1. Ensure the needle is in its highest position.
2. Lower the presser foot.
3. Pull the needle threader down as far as it will go. The small hook should pass through the needle eye.
4. Pass the thread under the hook.
5. Release the needle threader slowly. The thread will be pulled through the needle eye, forming a loop.
6. Pull the loop of thread completely through the needle eye.

5. OPERATING INSTRUCTIONS

5.1 Stitch Selection

The SINGER 7470 offers 150 stitch programs. To select a stitch:

- Turn on the machine. The LCD screen will display the default stitch.
- Use the push-button controls to navigate through the stitch categories and select your desired stitch.
- Six frequently used stitches have dedicated one-touch selector buttons for quick access.

5.2 Adjusting Stitch Settings

While each stitch has optimal pre-programmed settings, you can adjust them:

- Use the adjustment buttons near the LCD screen to modify stitch length, width, and tension as needed.
- The machine also allows for mirror imaging, editing, and elongating stitches for creative variations.

5.3 One-Step Buttonholes

The machine includes four types of one-step buttonholes:

1. Attach the appropriate buttonhole presser foot.
2. Select the desired buttonhole stitch from the control panel.
3. Place the button you intend to use into the buttonhole foot's sizing mechanism.
4. The machine will automatically sew the buttonhole to the correct size.

5.4 Free Arm Usage

To use the free arm for circular sewing or small items:

- Slide off the accessory storage compartment from the base of the machine.
- The exposed narrow arm allows for easy manipulation of cuffs, pant hems, and other small tubular projects.

6. MAINTENANCE

6.1 Cleaning

Regular cleaning ensures optimal performance:

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

6.2 Needle Replacement

Replace the needle regularly (after 8-10 hours of sewing) or if it becomes bent or dull:

1. Turn off and unplug the machine.
2. Loosen the needle clamp screw.
3. Remove the old needle, pulling it downwards.
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.

7. TROUBLESHOOTING

If you encounter issues, refer to these common solutions:

- **Skipped Stitches:** Ensure the needle is inserted correctly, is not bent, and is the appropriate type for your fabric. Re-thread the machine completely.

- **Thread Breaking:** Check for correct threading, proper tension settings, and ensure the needle is not dull or bent. Use quality thread.
- **Machine Not Starting:** Verify the power cord and foot controller are securely plugged in. Ensure the machine is turned on.
- **Fabric Not Feeding:** Check that the presser foot is lowered and the feed dogs are not disengaged (if applicable).

For more detailed troubleshooting, consult the full instruction manual or contact customer support.

8. SPECIFICATIONS

Brand	SINGER
Model Number	7470
Color	White
Material	Plastic, Stainless Steel
Product Dimensions (D x W x H)	8"D x 17.2"W x 12.5"H
Item Weight	16.3 Pounds
Power Source	Corded Electric (110V for US/Canada)
Stitch Programs	150
Needle Positions	13
UPC	374318817934, 037431881793

9. WARRANTY INFORMATION

Your SINGER 7470 Confidence sewing machine comes with the following warranty:

- **Limited 25-Year Warranty:** Applies to the sewing machine head.
- **1-Year Warranty:** Applies to motors and electronic components.

Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, refer to the documentation included with your product or visit the official SINGER website.

10. SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact SINGER customer service. Contact information can typically be found on the SINGER official website or in the packaging materials.

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

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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

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