

[Manuals.plus](#) /

› [Necchi](#) /

› Necchi NCH01AX Sewing and Embroidery Machine User Manual

Necchi NCH01AX

Necchi NCH01AX Sewing and Embroidery Machine User Manual

1. INTRODUCTION

Welcome to the user manual for your new Necchi NCH01AX Sewing and Embroidery Machine. This guide provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your machine. Please read this manual thoroughly before using the machine to ensure proper functionality and to extend its lifespan.

Safety Warnings

- Use the product in environments protected from humidity. Avoid operating the machine in damp or wet conditions.
- This appliance is not suitable for use by children under 8 years of age. Adult supervision is required when the machine is in use near children.
- Always unplug the machine from the power outlet when not in use, before cleaning, or when performing maintenance.
- Do not operate the machine if the power cord is damaged. Contact qualified service personnel for repair.

2. MACHINE COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Necchi NCH01AX machine.



Figure 2.1: Front view of the Necchi NCH01AX Sewing and Embroidery Machine, showcasing its sleek white design and integrated control panel.



Figure 2.2: The Necchi NCH01AX machine with the embroidery unit attached, ready for embroidery projects.



Figure 2.3: The Necchi NCH01AX configured for standard sewing operations, with the embroidery unit detached.



Figure 2.4: Close-up view of the machine's control panel, featuring a digital display and a rotary dial for speed adjustment and selection.

3. INITIAL SETUP

3.1 Power Connection

Connect the power cord to the machine's power input and then to a suitable electrical outlet. Ensure the machine is switched off before connecting to power.

3.2 Bobbin Winding

The Necchi NCH01AX features a quick bobbin winding device. Follow these steps:

1. Place an empty bobbin onto the bobbin winder spindle.
2. Guide the thread from the spool pin through the tension disc for bobbin winding.
3. Wrap the thread a few times around the bobbin.
4. Push the bobbin winder spindle to the right.
5. Press the Start/Stop button or gently press the foot pedal to begin winding. The machine will stop automatically when the bobbin is full.

3.3 Upper Thread Threading

The machine includes an automatic needle threader for convenience.

1. Raise the presser foot lever.
2. Place the thread spool on the spool pin.
3. Follow the numbered threading path indicated on the machine.
4. Lower the presser foot.
5. Use the automatic needle threader by pulling it down and hooking the thread through the needle eye. Release the threader slowly.

3.4 Attaching the Embroidery Unit

For embroidery functions, attach the embroidery unit to the machine as shown in Figure 2.2. Ensure it is securely fastened before beginning any embroidery project.

4. OPERATING THE MACHINE

4.1 Basic Sewing Functions

- **Start/Stop Button:** Press to start or stop sewing without the foot pedal.
- **Speed Adjustment:** Use the speed control slider or dial on the control panel to adjust sewing speed.
- **Reverse Button:** Press and hold for reverse stitching to reinforce seams.
- **Needle Up/Down Button:** Press to move the needle to its highest or lowest position.
- **Automatic Tie-off:** The machine features an automatic tie-off function for secure stitch endings.
- **Thread Cutter:** Utilize the integrated thread cutter for quick and clean thread trimming.

4.2 Stitch Selection

The Necchi NCH01AX offers 100 utility and decorative stitches, 12 buttonhole types, and 3 alphabets. Use the control panel to navigate and select your desired stitch pattern.



Figure 4.1: A comprehensive diagram illustrating the various stitch patterns available on the Necchi NCH01AX, categorized into Group A and Group B, including utility and decorative stitches.

4.3 Embroidery Functions

The machine comes with 100 built-in embroideries and 6 alphabets for personalized projects. Two embroidery hoops (180x120mm and 70x50mm) and an embroidery plate are included.



Figure 4.2: Example of cursive alphabet stitch patterns available for embroidery, demonstrating the machine's lettering capabilities.

4.4 EZ DESIGN Software

The included EZ DESIGN software is a converter that allows you to combine embroidery files, shapes, and inscriptions to create original designs. It is essential for converting various embroidery file formats (.dst, .pes, .pec, .exp, .jef, .sew, .pcs, .vp3, .xxx, .hus, .vip) to be readable by your Necchi Logica machine. While it offers basic functions, it is not a replacement for professional embroidery software.



Figure 4.3: The USB port located on the side of the machine, used for transferring embroidery designs and updates.

5. INCLUDED ACCESSORIES

Your Necchi NCH01AX comes with a rich assortment of accessories to enhance your sewing and embroidery experience.

5.1 Presser Feet

The machine includes various presser feet for different applications:

- Embroidery/Darning Foot
- Cording Foot
- Button Foot
- Zipper Foot
- And many others for specialized tasks.

A convenient compartment is provided for storing all presser feet.

5.2 Embroidery Hoops and Plate

- Two embroidery hoops: 180 x 120 mm and 70 x 50 mm.
- An embroidery plate for stable embroidery operations.

❖ **Alfabeto corsivo**

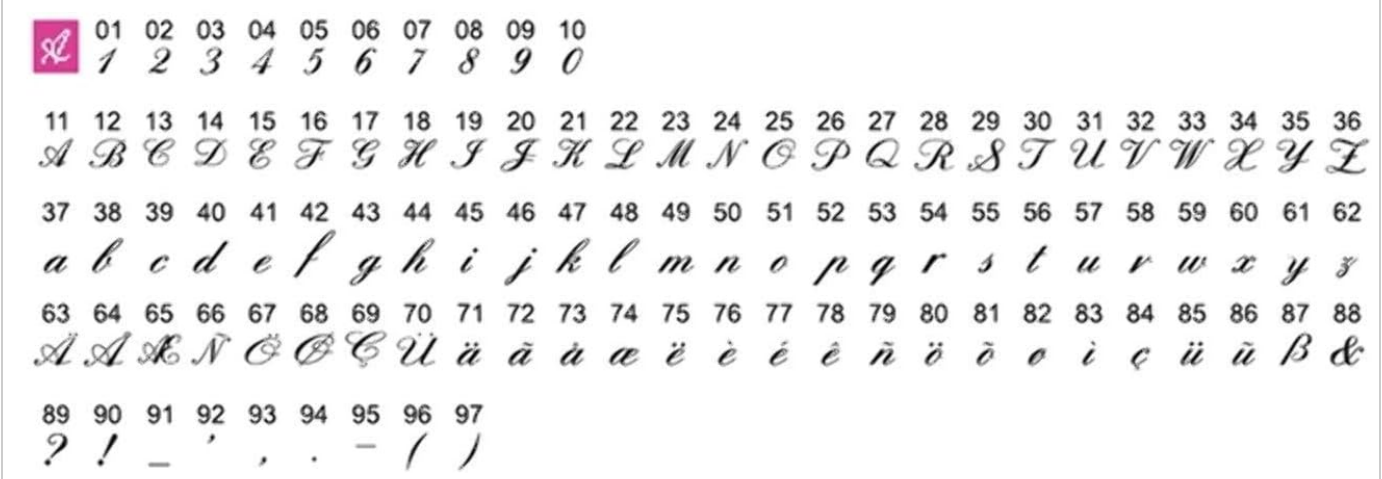


Figure 5.1: An overview of the various accessories included with the Necchi NCH01AX, such as presser feet, bobbins, needles, and cleaning tools.

6. MAINTENANCE

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

6.1 Cleaning

Periodically clean lint and dust from the bobbin area, feed dogs, and needle plate. Use the brush provided with your accessories. Always unplug the machine before cleaning.

6.2 Lubrication

Refer to the detailed instructions in your full manual for specific lubrication points and recommended lubricants. Proper lubrication is crucial for smooth operation.

7. TROUBLESHOOTING

This section addresses common issues you might encounter during operation.

7.1 Common Issues and Solutions

- **Skipped Stitches:** Ensure the needle is inserted correctly, is not bent, and is the appropriate type for your fabric. Re-thread the machine.
- **Thread Breakage:** Check for correct threading, proper tension settings, and ensure the needle is not dull or bent. Use quality thread.
- **Uneven Stitches:** Verify tension settings for both upper and bobbin threads. Ensure the fabric is fed evenly.
- **Machine Not Starting:** Check power connection, ensure the foot pedal is connected (if used), and verify the start/stop button is pressed.

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

8. SPECIFICATIONS

Brand	Necchi
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Model Number	NCH01AX
Color	White
Product Dimensions (L x W x H)	60 x 40.5 x 30 cm
Item Weight	12 Kilograms
Material	Die-cast aluminum interior, ABS shell
Power Source	Electric Cable

9. WARRANTY AND SUPPORT

9.1 Spare Parts Availability

Necchi ensures the availability of spare parts for the NCH01AX model for a period of 10 years from the date of purchase.

9.2 Customer Support

For any further assistance, technical support, or warranty claims, please refer to the contact information provided in your product packaging or visit the official Necchi website.

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