Brother NQ1700E

Brother Inno-vis NQ1700E Embroidery Machine User Manual
Model: NQ1700E

1. INTRODUCTION

The Brother Innov-ís NQ1700E is an advanced embroidery machine designed for a wide range of projects, suitable for both beginners and experienced users. It offers a generous embroidery area and a variety of built-in features to enhance your creative endeavors.

Key Features:

- **Built-in Designs:** 258 embroidery designs, 140 frame pattern combinations, and 11 embroidery lettering fonts.
- **Wireless Capability:** Send designs from your PC to the machine via a wireless network using Design Database Transfer (no USB needed).
- **Large Work Area:** 6" x 10" embroidery area with 8.3" from needle to arm for ample space.
- **Color LCD Touch Screen:** 4.85" display for on-screen editing, enhanced zoom, resizing, rotating, repositioning, drag and drop, and combining designs.
- **Automated Functions:** Auto Presser Foot (down to start), Automatic Thread Cutting, and an advanced Automatic Thread Trimming System.
- **High Speed:** Embroidery speeds of up to 850 stitches per minute.
- **iBroidery Compatible:** Access over 5,000 designs available for individual purchase.

Figure 1: Brother Inno-vis NQ1700E Embroidery Machine with an embroidered floral wreath design.

2. SETUP

2.1 Unpacking and Placement

Carefully remove the machine from its packaging. Place it on a stable, flat surface with adequate space for operation and fabric handling. Ensure the power switch is in the OFF position before connecting to a power source.

2.2 Power Connection

Connect the power cord to the machine's power input and then to a suitable electrical outlet. Turn the power switch ON, located on the side of the machine.

2.3 Threading the Machine

Follow the numbered guides on the machine for proper thread path. The machine features an advanced needle threading system for ease of use.

Figure 2: Advanced Needle Threading in action.

2.4 Hooping Fabric

Select the appropriate embroidery frame (6" x 10" and 5" x 7" frames are included). Place your fabric and stabilizer securely within the hoop, ensuring it is taut and wrinkle-free. Attach the hooped fabric to the embroidery unit.

Figure 3: The generous 6" x 10" embroidery area.

3. OPERATING THE MACHINE

3.1 Using the LCD Touch Screen

The 4.85" color LCD touch screen display is your primary interface for selecting and editing designs. Navigate through menus by touching the icons on the screen.

4.85" Color LCD touch screen display

Figure 4: Detailed view of the LCD touch screen.

3.2 Selecting and Editing Designs

Choose from 258 built-in designs, 140 frame pattern combinations, and 11 lettering fonts. The touch screen allows for on-screen editing, including enhanced zoom, resizing, rotating, repositioning, drag and drop, and combining designs.

3.3 Wireless Connectivity

Connect your machine to a wireless network to send designs directly from your PC using Design Database Transfer, eliminating the need for a USB cable.

Figure 5: Wireless design transfer in progress.

3.4 Starting Embroidery

Once your design is selected, edited, and the fabric is hooped and attached, lower the presser foot. The machine will guide you through any remaining steps. Press the Start/Stop button to begin embroidering at speeds up to 850 stitches per minute.

3.5 Official Product Videos

Video 1: Overview of the Brother Inno-vis NQ1700E Embroidery Machine. This video provides a general look at the machine's features and capabilities.

Video 2: Instructions on how to use the screen on the NQ1700E Embroidery Machine. This video demonstrates the touch screen interface and its functions.

4. MAINTENANCE

4.1 Cleaning

Regularly clean the bobbin area and feed dogs using the brush provided. Remove any lint or thread buildup to ensure smooth operation. Wipe the machine's exterior with a soft, dry cloth.

4.2 Needle Replacement

Replace the needle frequently, especially after every 8-10 hours of sewing or if it becomes bent or dull. Use only appropriate needles for embroidery machines.

5. TROUBLESHOOTING

5.1 Common Issues

- **Thread Breaking:** Check thread path, needle condition, and tension settings. Ensure the bobbin is correctly inserted.
- **Skipped Stitches:** Replace the needle, ensure it's inserted correctly, and check thread tension.
- **Fabric Puckering:** Use appropriate stabilizer for your fabric type and ensure the fabric is hooped tautly.
- **Machine Not Starting:** Verify power connection, ensure the presser foot is lowered, and check for any error messages on the LCD screen.

Refer to the detailed operation manual for more comprehensive troubleshooting steps or contact Brother customer support.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	19 x 23 x 20 inches (19"D x 23"W x 20"H)
Item Weight	35.3 pounds
Manufacturer	Brother International Corp
Item model number	NQ1600E
Color	White
Included Components	Embroidery Foot, Thread Spool Insert, 2 Embroidery Frame Sets, Bobbin Center Pin, Embroidery Design Guide, Quick Reference Guide, Soft Cover, Additional Accessories Included in Box
Assembly required	No
Batteries required	No
UPC	012502665724

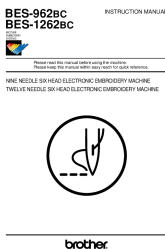# 7. WARRANTY AND SUPPORT

7.1 Product Warranty

For detailed information regarding your product's warranty, please refer to the warranty card included with your machine or visit the official Brother support website. Standard warranties typically cover manufacturing defects for a specified period.
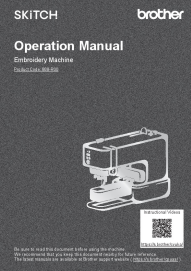
7.2 Customer Support

If you encounter any issues or have questions not covered in this manual, please contact Brother customer support. You can find contact information on the Brother website or in your Quick Reference Guide.

Related Documents - NQ1700E

	Brother 888-M20 Operation Manual: Embroidery and Sewing Machine This operation manual provides comprehensive instructions for the Brother 888-M20 embroidery and sewing machine, covering setup, operation, maintenance, and safety guidelines for household use.
	Brother BES-962BC & BES-1262BC Electronic Embroidery Machine Instruction Manual Comprehensive instruction manual for Brother BES-962BC (9-needle) and BES-1262BC (12-needle) six-head electronic embroidery machines. Covers safety, installation, operation, software, maintenance, and troubleshooting.
	Brother PR1060W Entrepreneur Pro W: Advanced 10-Needle Embroidery Machine Discover the Brother PR1060W Entrepreneur Pro W, a 10-needle embroidery machine offering advanced features, a large 8"x14" embroidery area, built-in software, and wireless connectivity for enhanced productivity. Ideal for professional and advanced hobbyist embroidery.
	**Brother 884-T15/T16 Embroidery Machine Operation Manual	Setup, Use, and Safety Guide** This operation manual provides comprehensive instructions for the Brother 884-T15/T16 embroidery machine. Learn about setup, operation, safety precautions, maintenance, and advanced features to ensure optimal use and longevity of your Brother embroidery equipment.

Brother 888-G70/G72 Quick Reference Guide

A concise quick reference guide for the Brother 888-G70/G72 embroidery machine, covering essential operations such as bobbin winding, upper threading, preparing for embroidery, and selecting embroidery patterns.

Brother SKITCH PP1 Operation Manual

Comprehensive operation manual for the Brother SKITCH PP1 embroidery machine, covering setup, embroidery process, maintenance, troubleshooting, and terms of use. Includes safety instructions and product specifications.