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Dahao 328-7V

Dahao 328-7V Embroidery Machine Control Panel User Manual

Model: 328-7V

Brand: Dahao

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Dahao 328-7V Complete Operation Box Control Panel Monitor. This control panel is designed for use with compatible Chinese embroidery machines, including Feiya and Damei models. Please read this manual thoroughly before operating the device to ensure proper function and safety.

2. Safety Information

Observe the following safety precautions to prevent damage to the control panel or injury to personnel:

- Ensure the control panel is installed by qualified personnel.
- Disconnect power to the embroidery machine before performing any installation, maintenance, or troubleshooting.
- Do not expose the control panel to moisture, excessive dust, or extreme temperatures.
- Avoid using abrasive cleaners or solvents on the display screen or panel surface.
- Verify all cable connections are secure before powering on the device.

3. Product Overview

The Dahao 328-7V control panel serves as the primary interface for operating your embroidery machine. It features an LCD display, a set of navigation and function buttons, and a numeric keypad for data input.



Figure 3.1: Front View of Control Panel

This image displays the front of the Dahao 328-7V control panel, featuring the central LCD screen, a cluster of navigation and function buttons on the right, and a numeric keypad with additional function keys below.



Figure 3.2: Angled View of Control Panel

An angled perspective of the Dahao 328-7V control panel, providing a clearer view of the button arrangement and the overall shape of the unit.



Figure 3.3: Side View with Model Label

This image shows the side of the control panel, where a label clearly indicates 'OPERATION BOX' and the model number '328-7V', confirming the unit's identification.



Figure 3.4: Rear View of Control Panel

The back of the Dahao 328-7V control panel is shown, revealing the mounting bracket area and ventilation slots designed for heat dissipation.

3.1. Key Components

- **LCD Display:** Shows current machine status, pattern information, and menu options.
- **Navigation Buttons:** Up, Down, Left, Right arrows for menu navigation.
- **Function Buttons:** ESC (Escape/Cancel), ENTER (Confirm), HOME (Main Menu), END (End Operation), +/- (Parameter Adjustment), C (Clear), and other specialized icons.
- **Numeric Keypad:** For entering numerical data, such as pattern numbers, stitch counts, or parameter values.

4. Setup and Installation

Proper installation is crucial for the control panel's functionality and longevity. It is recommended that installation be performed by a trained technician.

1. **Power Disconnection:** Ensure the main power to the embroidery machine is turned off and disconnected from the power

source.

2. **Mounting:** Securely mount the Dahao 328-7V control panel to the designated location on your embroidery machine using appropriate fasteners. Refer to your specific embroidery machine's manual for mounting point details.
3. **Cable Connections:**
    - Connect the power cable from the control panel to the designated power port on the embroidery machine.
    - Connect the data communication cable(s) from the control panel to the corresponding ports on the embroidery machine's main board. Ensure connections are firm and correctly oriented.
4. **Initial Power-On:** After all connections are secure, reconnect the embroidery machine to power and turn it on. The control panel display should illuminate.

5. Operating Instructions

This section details the basic operation of the Dahao 328-7V control panel.

5.1. Power On/Off

- To power on, ensure the embroidery machine's main power switch is in the 'ON' position. The control panel will typically boot automatically.
- To power off, turn off the main power switch of the embroidery machine. Always ensure any current operations are saved or completed before powering down.

5.2. Interface Navigation

- Use the **Up**, **Down**, **Left**, and **Right** arrow buttons to navigate through menus and options on the LCD display.
- Press **ENTER** to confirm a selection or execute a command.
- Press **ESC** to exit the current menu, cancel an operation, or return to the previous screen.
- Press **HOME** to quickly return to the main operating screen.

5.3. Numeric Keypad and Data Input

- Use the numeric keys (**0-9**) to input numerical values such as pattern IDs, stitch counts, or parameter settings.
- The **C** (Clear) button is used to delete the last entered digit or clear the entire input field.
- The **+/-** button may be used to toggle between positive and negative values or adjust parameters incrementally.

5.4. Specialized Function Keys

- ***(Star Icon)*****:** Often used for marking favorite patterns or settings.
- ***(Folder Icon)*****:** Accesses file management, allowing you to load, save, or delete embroidery patterns.
- ***(Question Mark Icon)*****:** Provides access to help menus or information about current functions.
- ***(Scissors Icon)*****:** Activates the automatic thread trimming function.
- ***(Fast Forward/Rewind Icons)*****:** Used for stepping through patterns, moving the embroidery frame, or adjusting stitch positions.
- ***(PD/RU Icons)*****:** Likely related to Pattern Data (PD) or Run/Pause (RU) functions. Refer to your embroidery machine's specific documentation for exact definitions.
- ***(10+ Icon)*****:** May be used for quick jumps in stitch count or pattern segments.
- **END:** Terminates the current embroidery operation or pattern.

5.5. Pattern Selection and Loading

1. Navigate to the pattern selection menu (often via the **Folder Icon**).
2. Use the arrow keys or numeric keypad to select the desired pattern.
3. Press **ENTER** to load the pattern. The display will show pattern details.

4. Adjust any necessary parameters (e.g., size, rotation, position) before starting.

5.6. Machine Control

- **Start:** Typically initiated by a dedicated 'Start' button on the machine or a specific command on the control panel (often associated with the 'Run' or 'Play' icon).
- **Stop/Pause:** A 'Stop' or 'Pause' button (often a square or two vertical bars icon) will halt the embroidery process. Pressing it again may resume.
- **Emergency Stop:** Always be aware of the physical emergency stop button on your embroidery machine for immediate power cut-off in critical situations.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your control panel.

- **Cleaning:** Gently wipe the display screen and panel surface with a soft, dry, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Do not spray liquids directly onto the panel.
- **Cable Inspection:** Periodically check all connected cables for signs of wear, fraying, or loose connections. Replace damaged cables immediately.
- **Environment:** Keep the operating environment clean and free from excessive dust, lint, and extreme temperature fluctuations.
- **Software Updates:** If software updates are available for your control panel, follow the manufacturer's instructions carefully. Incorrect updates can lead to system malfunction.

7. Troubleshooting

This section addresses common issues you might encounter with the Dahao 328-7V control panel.

Problem	Possible Cause	Solution
Panel does not power on.	No power to the embroidery machine; loose power cable; faulty panel.	Check main power supply to the machine. Ensure power cable is securely connected. If problem persists, contact support.
Screen is blank or distorted.	Loose data cable; software glitch; display malfunction.	Check data cable connections. Restart the embroidery machine. If issue continues, seek professional assistance.
Buttons are unresponsive.	Software freeze; physical damage to buttons; internal connection issue.	Restart the machine. Inspect buttons for physical damage. If unresponsive after restart, contact technical support.
Error messages appear on screen.	Machine-specific error; operational error.	Note the error code or message. Refer to your embroidery machine's main manual for specific error code interpretations and solutions.

For issues not covered here, or if troubleshooting steps do not resolve the problem, please contact your supplier or a qualified service technician.

8. Specifications

- **Model:** Dahao 328-7V
- **Type:** Complete Operation Box Control Panel Monitor

- **Compatibility:** Designed for Feiya Damei and other compatible Chinese embroidery machines.
- **Display:** Integrated LCD Screen
- **Input:** Numeric Keypad, Function Buttons
- **Manufacturer:** Generic (as listed, but Dahao is the specific product brand)

9. Warranty and Support

Specific warranty terms and conditions are typically provided by the original seller or manufacturer at the time of purchase. Please retain your proof of purchase for warranty claims.
For technical support, service, or inquiries regarding spare parts, please contact your product supplier or an authorized service center. When contacting support, provide the model number (328-7V) and a detailed description of the issue.
Qingdao Sunwing Embroidery Machine Co., Ltd. is noted as a supplier of embroidery machine spare parts, including those for Chinese embroidery machines. They may be a point of contact for support or parts.

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