

NEMAYING DBG60B-01

NEMAYING Inverter Operation Panel DBG60B-01 User Manual

Model: DBG60B-01 | Brand: NEMAYING

INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of the NEMAYING Inverter Operation Panel, model DBG60B-01. This panel is designed for use with SEW inverters. Please read this manual thoroughly before attempting to install or operate the device to ensure safe and efficient performance.

PRODUCT OVERVIEW

The NEMAYING DBG60B-01 is an external operation panel for SEW inverters, providing a user interface for monitoring and controlling inverter functions. It features a display screen and a keypad for parameter adjustment and status indication.



Figure 1: The NEMAYING Inverter Operation Panel DBG60B-01. This image displays the front of the operation panel, showing its numeric keypad, function buttons (DEL, OK, green, red), and a display screen on the right side. A connecting cable extends from the right.



Figure 2: Close-up of the product label on the packaging. The label clearly indicates "DBG60B-01" as the model number, along with "SEW EURODRIVE" branding and other identification details.

SETUP AND INSTALLATION

Follow these steps to properly install the DBG60B-01 operation panel with your SEW inverter:

1. **Safety First:** Ensure the SEW inverter and connected machinery are powered off and locked out before

beginning installation. Verify that all power sources are disconnected.

2. **Unpacking:** Carefully remove the operation panel from its packaging. Inspect for any visible damage.
3. **Connection Port:** Locate the designated communication port on your SEW inverter for external operation panels. Refer to your SEW inverter's manual for the exact location and type of port.
4. **Connect Cable:** Connect the cable extending from the DBG60B-01 operation panel to the communication port on the SEW inverter. Ensure the connection is secure and properly seated. Do not force the connector.
5. **Mounting (Optional):** If desired, mount the operation panel in a convenient location using appropriate mounting hardware (not included). Ensure the panel is easily accessible and visible for operation.
6. **Power On:** After ensuring all connections are secure, restore power to the SEW inverter. The operation panel should power on and display initial information.



Figure 3: The product packaging for the SEW Eurodrive component. This image shows the top of a yellow cardboard box with a label indicating "SEW Eurodrive" and product information, suggesting the original packaging for the inverter panel.

OPERATING INSTRUCTIONS

The DBG60B-01 panel provides an interface for interacting with your SEW inverter. Specific functions will depend on the inverter model and its programming. General operation includes:

- **Display:** The integrated display shows operational status, parameter values, and error messages.
- **Numeric Keypad:** Use the numeric keys (0-9) to input values for parameters.
- **Navigation Buttons:** Use arrow keys (if present, or implied by context) to navigate through menus and parameters.
- **DEL Button:** Used to delete characters during input or to go back in menus.
- **OK Button:** Confirms selections or entered values.
- **Green Button:** Typically used to start or enable functions.
- **Red Button:** Typically used to stop or disable functions, or for emergency stops.

For detailed parameter settings and specific operational modes, refer to the comprehensive manual provided with your SEW inverter.

MAINTENANCE

The DBG60B-01 operation panel requires minimal maintenance to ensure long-term reliability:

- **Cleaning:** Periodically clean the panel surface and display with a soft, dry, lint-free cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the display or keypad.
- **Inspection:** Regularly inspect the connecting cable for any signs of wear, cuts, or damage. Ensure the connection to the inverter remains secure.
- **Environment:** Ensure the panel is operated within its specified environmental conditions (temperature, humidity) to prevent malfunction.

TROUBLESHOOTING

If you encounter issues with your DBG60B-01 operation panel, consider the following common troubleshooting steps:

- **Panel Not Powering On:**

- Check the power supply to the SEW inverter.
- Ensure the connection cable between the panel and the inverter is securely attached at both ends.
- Inspect the cable for damage.

- **Display Errors:**

- Refer to your SEW inverter's manual for specific error codes displayed on the panel.
- A temporary power cycle of the inverter might resolve minor display glitches.

- **Buttons Unresponsive:**

- Ensure the panel is not in a locked mode (if applicable, refer to inverter manual).
- Clean the button surfaces to remove any debris that might be obstructing them.

If problems persist, contact NEMAYING customer support or a qualified service technician.

SPECIFICATIONS

Feature	Detail
Model Number	DBG60B-01
Brand	NEMAYING
Compatibility	SEW Inverters
Function	External Operation Panel
ASIN	B0DDR688XL
Date First Available	August 20, 2024

WARRANTY AND SUPPORT

NEMAYING products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official NEMAYING website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact NEMAYING customer service through their official channels.

When contacting support, please have your product model number (DBG60B-01) and purchase information readily available.