

dbx ZC-7

dbx ZC-7 Wall-Mounted Zone Controller Instruction Manual

Model: ZC-7 | Brand: dbx

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1. INTRODUCTION

The dbx ZC-7 is a wall-mounted zone controller designed to provide extended utility to dbx DriveRack and ZonePRO audio systems. It functions as a programmable push-to-talk page assignment controller for ZonePRO devices. This controller utilizes analog DC voltage for logic control, enabling functions such as zone source selection, volume adjustment, muting, program or scene selection, and fire safety muting. It is wired using standard CAT5 cable with RJ-45 connectors, supporting distances up to 1000 ft, offering a practical solution for audio system management.

2. KEY FEATURES

- Extended utility for DriveRack and ZonePRO families.
- Programmable Push-To-Talk page assignment controller for compatible devices.
- Compact design for wall-mounted installation.
- Utilizes analog DC voltage for various logic controls.
- Supports zone source selection, volume, muting, program/scene selection, and fire safety muting.
- Wired with standard CAT5 cable and RJ-45 connectors for easy installation over long distances (up to 1000 ft).

3. SETUP AND INSTALLATION

The ZC-7 controller is designed for wall-mounted installation and integrates with dbx ZonePRO devices. Professional installation is recommended to ensure proper wiring and configuration with your existing audio system.

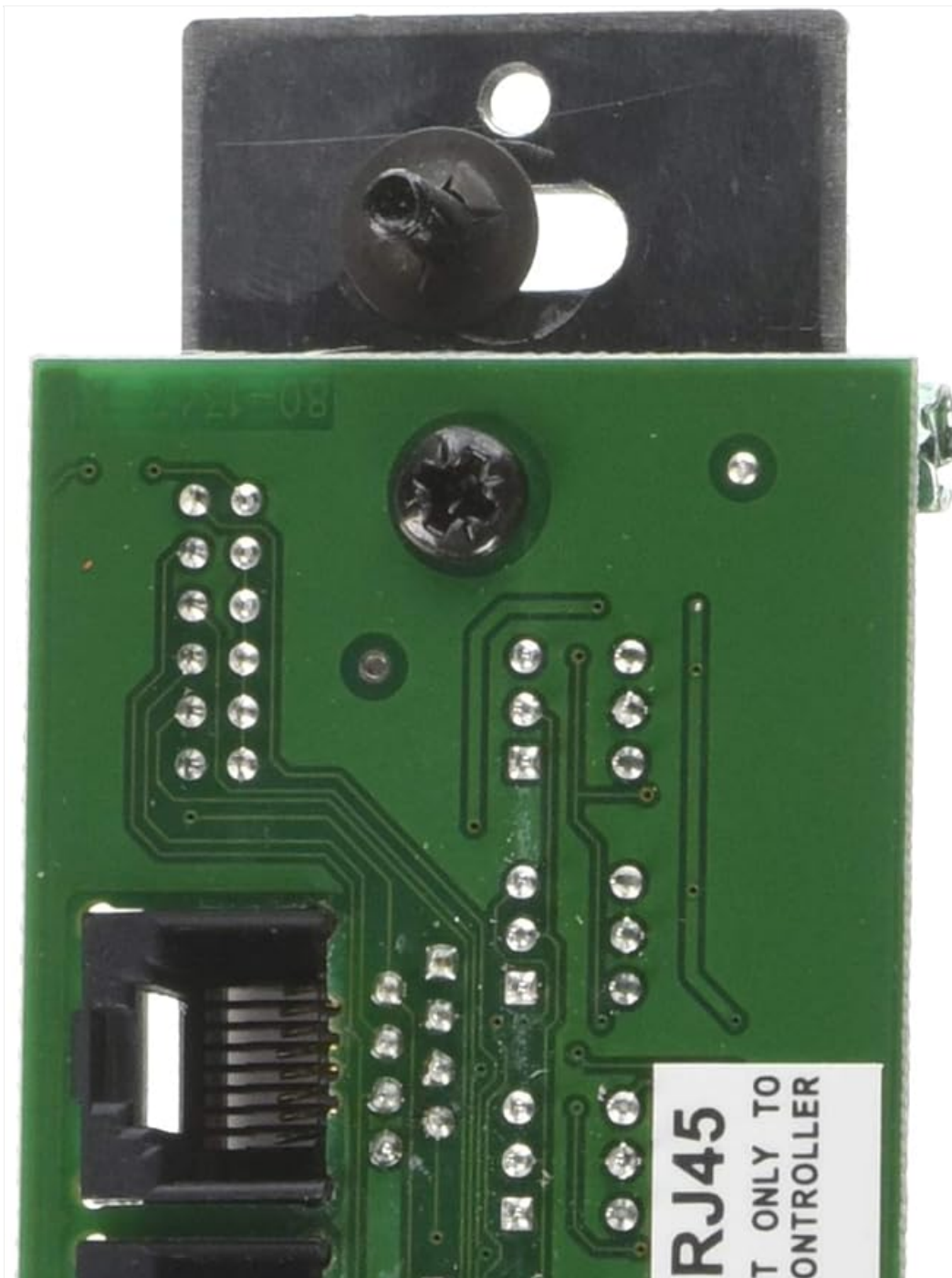
3.1 Wiring

Connect the ZC-7 to your ZonePRO device using a standard CAT5 cable. The controller features RJ-45 connectors for

this purpose. Ensure the cable run does not exceed 1000 feet to maintain signal integrity.



Figure 1: Front view of the dbx ZC-7 Wall-Mounted Zone Controller. This image shows the faceplate with four push buttons and a small LED indicator next to each, designed for page assignment.



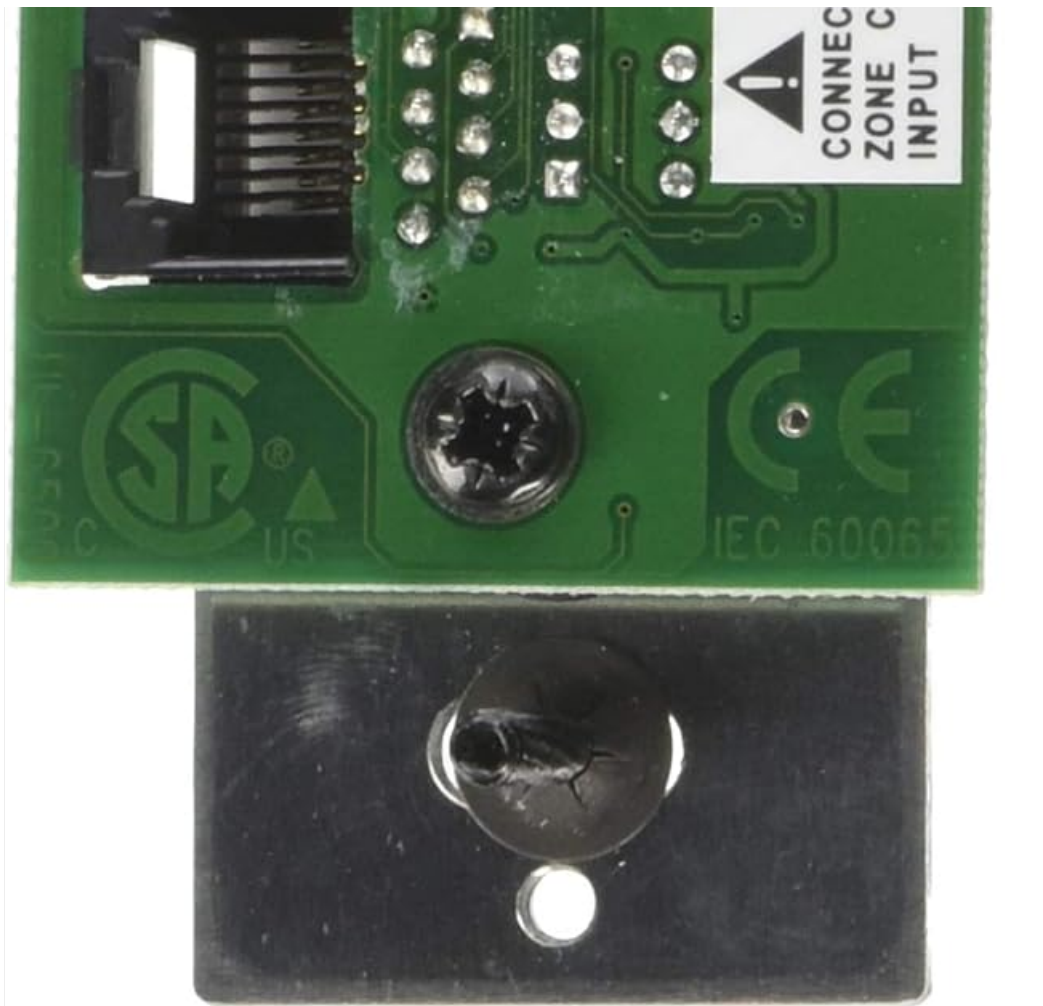


Figure 2: Rear view of the dbx ZC-7 circuit board, showing two RJ45 ports for connection to the ZonePRO system. A label indicates "CONNECT ONLY TO ZONE CONTROLLER INPUT".

3.2 Mounting

The controller is designed to fit into a standard wall box. Secure it using the provided screws. Ensure the unit is flush with the wall surface for a clean installation.

4. OPERATION

The ZC-7 provides five-way page steering control. Each of the four buttons can be programmed to page a specific zone or a combination of zones. The fifth state is when no buttons are pressed. It's important to note that the ZC-7 supports only one of these states at any given time, meaning you cannot hold multiple buttons down simultaneously to page different combinations of zones.

4.1 Page Assignment

The specific function of each button (A, B, C, D) is configured within the ZonePRO device's software. Refer to your ZonePRO system's manual for detailed instructions on programming page assignments for the ZC-7.

4.2 General Zone Controller Overview

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Video 1: An overview of dbx Zone Controllers, including the ZC-7. This video provides general information on the functionality and types of zone controllers available from dbx, demonstrating how they integrate with ZonePRO systems for various control applications like volume, source selection, and paging.

5. SPECIFICATIONS

Feature	Detail
Item Weight	6.3 ounces
Product Dimensions	3.4 x 5.5 x 6.9 inches
Item Model Number	ZC-7
Compatible Devices	ZonePRO devices
Hardware Interface	Parallel interface
First Available Date	February 12, 2012



Figure 3: An illustration showing the dimensions of a dbx zone controller, indicating a width of 4.4 inches (11 cm).

6. MAINTENANCE

The dbx ZC-7 Wall-Mounted Zone Controller requires minimal maintenance. Keep the surface clean with a soft, dry cloth. Avoid using abrasive cleaners or solvents. Ensure all connections remain secure. No user-serviceable parts are inside; refer to qualified service personnel for any repairs.

7. TROUBLESHOOTING

• No Response from Controller:

- Check the CAT5 cable connection between the ZC-7 and the ZonePRO device. Ensure it is securely plugged in at both ends.
- Verify that the ZonePRO device is powered on and functioning correctly.
- Confirm that the ZC-7 is properly configured within the ZonePRO software.

• Incorrect Paging/Zone Selection:

- Review the programming of the ZC-7 within the ZonePRO software to ensure buttons are assigned to the correct zones or functions.

- Ensure only one button is pressed at a time for page steering, as the ZC-7 does not support simultaneous multiple button presses for different zone combinations.

8. WARRANTY INFORMATION

Specific warranty details for the dbx ZC-7 are not provided in this document. Please refer to the official dbx website or contact dbx customer support for comprehensive warranty information.

9. CUSTOMER SUPPORT

For further assistance, technical support, or service inquiries regarding your dbx ZC-7 Wall-Mounted Zone Controller, please visit the official dbx website or contact their customer support department. Contact information can typically be found on the product packaging or the manufacturer's website.

