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Dinuy bison 2000

Bell Bison 2000 Door Chime Unit

Model: Bison 2000

INTRODUCTION

The Dinuy Bell Bison 2000 is an electromechanical door chime unit designed to provide a clear, two-note sound when activated. This unit operates on a voltage range of 110-230V and features a durable ivory cover with a brown base. Its compact dimensions make it suitable for various installations.



Figure 1: Front view of the Dinuy Bell Bison 2000 door chime unit, showing its ivory cover and compact design.

IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Installation should only be performed by a qualified electrician in accordance with all local electrical codes and regulations.
- Ensure the main power supply is disconnected before attempting any installation, wiring, or maintenance.
- Do not expose the unit to moisture or extreme temperatures.
- Do not attempt to open or repair the unit yourself. Refer all servicing to qualified personnel.
- Verify the voltage supply (110-230V) matches the unit's requirements before connection.

PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and in good condition.

- Dinuy Bell Bison 2000 Door Chime Unit (1)

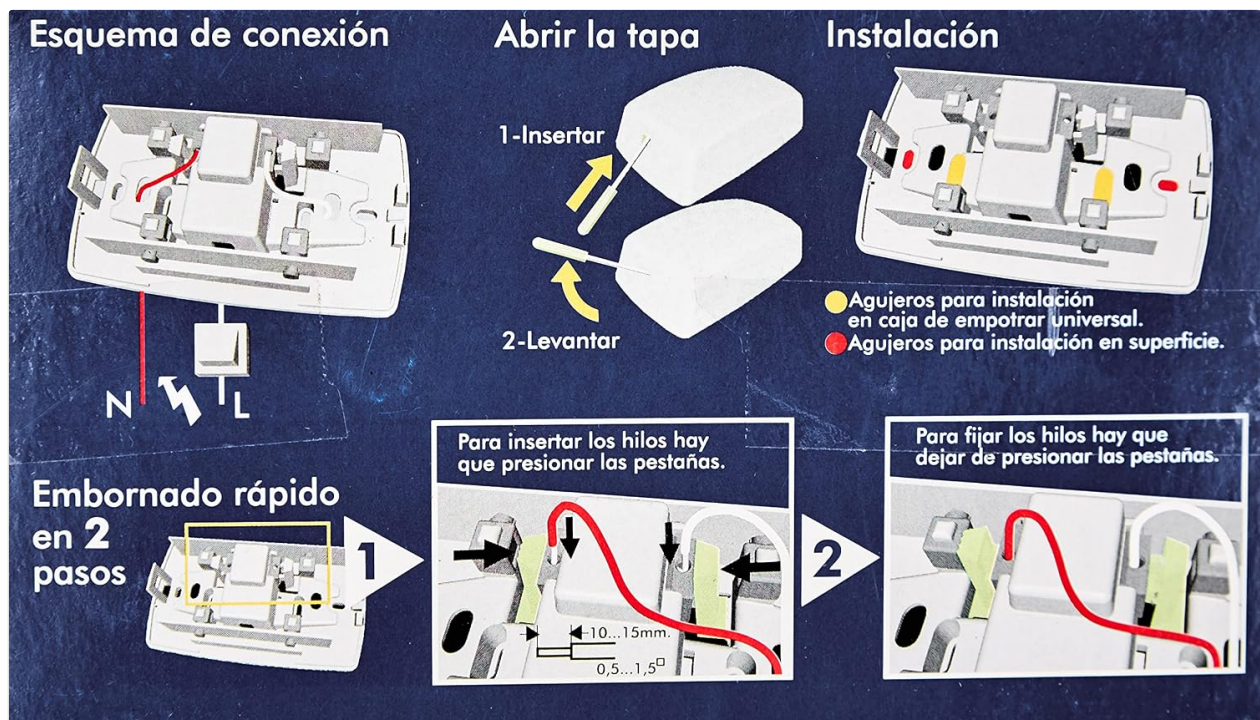


Figure 2: The Dinuy Bell Bison 2000 unit as typically packaged.

INSTALLATION GUIDE

Follow these steps for proper installation of your Dinuy Bell Bison 2000 door chime unit. Ensure power is OFF before beginning.

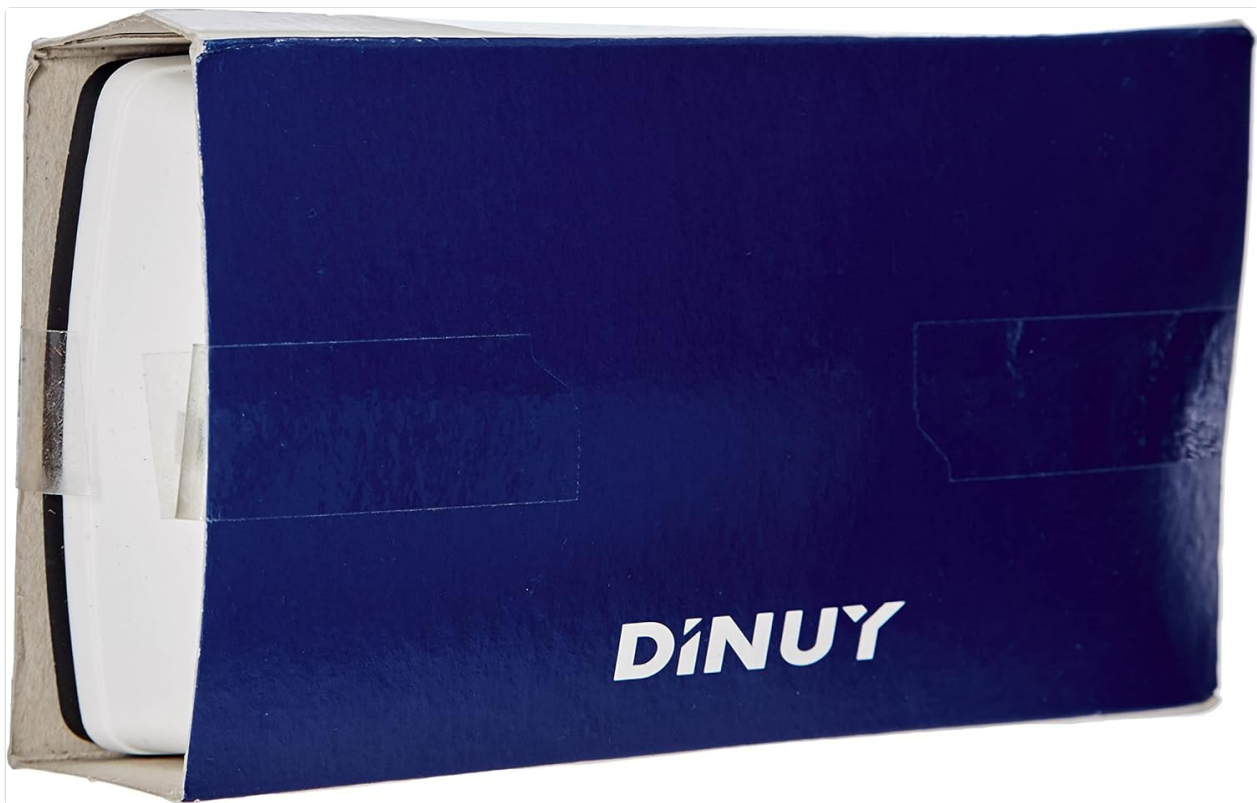


Figure 3: Detailed installation diagram including wiring, cover removal, and mounting options.

1. Wiring Diagram

Refer to the "Esquema de conexión" section in Figure 3. Connect the neutral (N) and live (L) wires to the corresponding terminals on the chime unit. The doorbell button connects between the live wire and the chime's input terminal (often marked with a bell symbol or 'T').

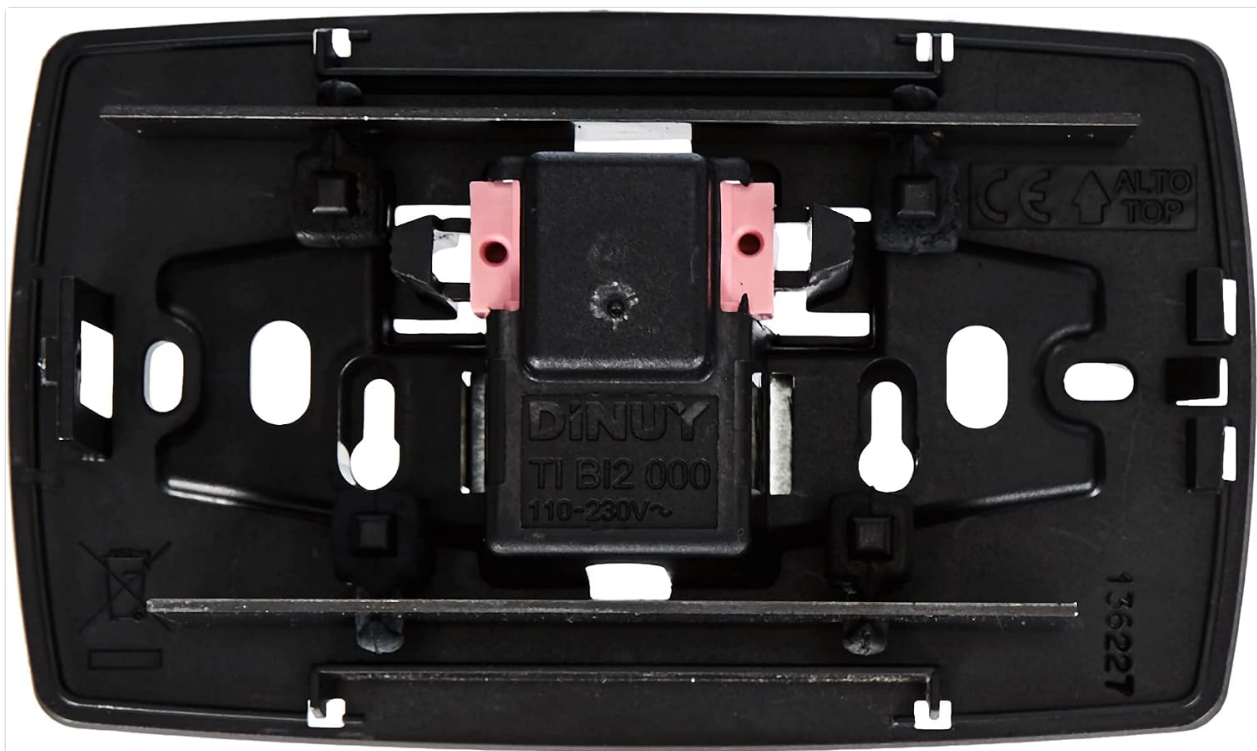


Figure 4: Rear view of the chime unit, showing the wiring terminals and mounting holes.

2. Opening the Cover

As shown in the "Abrir la tapa" section of Figure 3:

1. Insert a flat-head screwdriver into the designated slot (1-Insert).

2. Gently pry upwards (2-Levantar) to release the cover from the base.

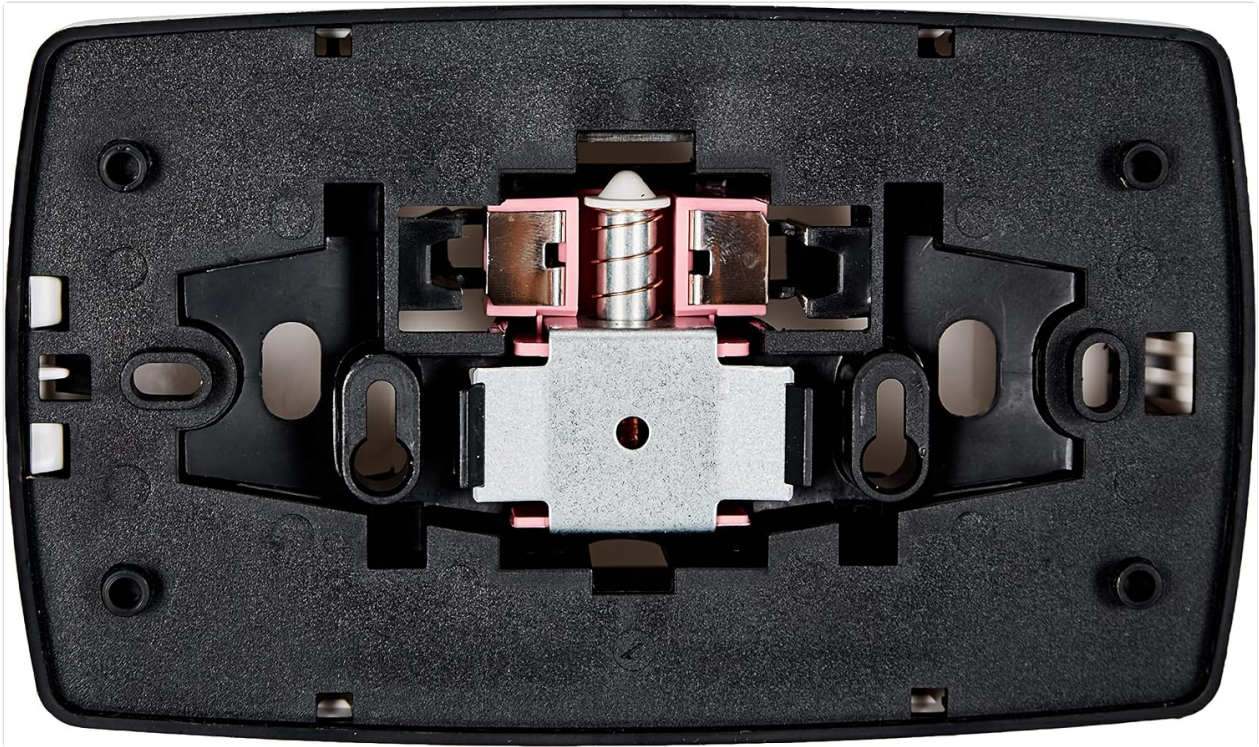


Figure 5: Internal view of the chime unit with the cover removed, revealing the electromechanical striking mechanism.

3. Quick Terminal Connection (Embornado rápido en 2 pasos)

The unit features quick-connect terminals for easy wiring:

1. **To insert wires:** Press down on the tab (indicated by "Para insertar los hilos hay que presionar las pestañas" in Figure 3). Insert the stripped wire (0.5-1.5mm² recommended, stripped length 10-15mm) into the terminal.
2. **To secure wires:** Release the tab (indicated by "Para fijar los hilos hay que dejar de presionar las pestañas" in Figure 3). The wire will be securely held.

4. Mounting the Unit

The unit can be mounted in two ways, as shown in the "Instalación" section of Figure 3:

- **For universal flush-mount box installation:** Use the yellow-marked holes.
- **For surface installation:** Use the red-marked holes.

Secure the base of the unit to the wall or mounting box using appropriate screws (not included). Once the wiring is complete and the base is secured, snap the cover back into place.

OPERATING INSTRUCTIONS

Once properly installed and powered, the Dinuy Bell Bison 2000 operates automatically.

- Ensure the power supply to the chime unit is turned ON.
- When the connected doorbell button is pressed, the chime unit will produce its characteristic two-note sound.
- Release the doorbell button to stop the chime sound.

MAINTENANCE

The Dinuy Bell Bison 2000 is designed for minimal maintenance.

- **Cleaning:** To clean the exterior of the unit, wipe gently with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture.
- **Internal Components:** There are no user-serviceable parts inside the unit. Do not attempt to open the unit for cleaning or repair.
- **Regular Checks:** Periodically check the unit for any visible damage or loose connections. If any issues are observed, disconnect power and consult a qualified electrician.

TROUBLESHOOTING

If you experience issues with your Dinuy Bell Bison 2000, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Chime does not sound.	◦ No power to the unit. ◦ Loose or incorrect wiring. ◦ Faulty doorbell button. ◦ Internal unit failure.	◦ Check circuit breaker and power supply. ◦ Verify all wire connections are secure and correct (refer to Installation Guide). ◦ Test the doorbell button for functionality. ◦ If all else fails, consult a qualified electrician or contact customer support.
Chime sounds weak or distorted.	◦ Incorrect voltage supply. ◦ Obstruction of the internal mechanism. ◦ Unit damage.	◦ Ensure the voltage supply is within the 110-230V range. ◦ Ensure nothing is obstructing the internal striking mechanism (power off before inspecting). ◦ If damaged, the unit may need replacement.

SPECIFICATIONS

Model	Bison 2000
Brand	Dinuy
Part Number	9094R2
Voltage	110-230V
Chime Type	Electromechanical, 2 notes

Dimensions (L x W x H)	135 mm x 79 mm x 50 mm (approx. 5.3 x 3.1 x 2.0 inches)
Item Weight	3.04 ounces
Color	Ivory cover, brown base
Batteries Required	No

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please contact Dinuy customer service or refer to the official Dinuy website. Keep your purchase receipt as proof of purchase.
For further assistance, you may visit the manufacturer's website: www.dinuy.com