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## Ritto 1841370

# Ritto 1841370 Entravox 3-Unit Intercom System User Manual

Model: 1841370

## 1. INTRODUCTION AND SYSTEM OVERVIEW

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This manual provides essential information for the installation, operation, and maintenance of your Ritto Entravox 3-Unit Intercom System, model 1841370. This system is designed to facilitate communication between an outdoor door station and three indoor residential units, enhancing security and convenience for multi-dwelling applications.

The complete package includes:

- One compact Entravox door station, white lacquered, with three illuminated call buttons and nameplates.
- Three TwinBus residential telephones (model 17630..), white.
- One Entravox power supply unit.



Figure 1: Complete Ritto Entravox 3-Unit Intercom System showing the outdoor door station and three indoor handsets.

## 2. SETUP AND INSTALLATION

Installation of the Ritto Entravox system requires electrical knowledge and should ideally be performed by a qualified technician. Ensure all power is disconnected before beginning any installation work.

### 2.1 Components Overview

- **Door Station:** The outdoor unit with microphone, speaker, and call buttons.
- **Indoor Handsets:** The units inside each residence for communication and door release.
- **Power Supply:** Provides power to the entire intercom system.

### 2.2 Installation Steps (General Guidelines)

1. **Mount the Door Station:** Select a suitable outdoor location, typically near the entrance, at an accessible height. Ensure it is protected from direct weather exposure if possible.



*Figure 2: Close-up view of the Ritto Entravox outdoor door station with call buttons and nameplates.*

- 2. Install Indoor Handsets:** Mount each of the three indoor handsets in a convenient location within their respective residences. Ensure they are within reach and have clear access to wiring.



*Figure 3: Ritto TwinBus indoor handset, showing the speaker grille and function buttons.*

- 3. Connect the Power Supply:** Install the Entravox power supply unit in a dry, secure location, typically indoors. Connect it to the main electrical supply according to local electrical codes.



Figure 4: Ritto Entravox power supply unit, showing connection terminals and product label.

4. **Wiring:** Connect the door station, indoor handsets, and power supply using the TwinBus wiring system. Follow the detailed wiring diagrams provided in the manufacturer's full installation guide (not included in this general user manual). Ensure all connections are secure and correctly polarized.
5. **Testing:** After all components are installed and wired, restore power and test the system. Verify that calling from the door station rings the correct indoor unit, and that two-way communication and door release (if connected) function correctly.

*Note: This section provides general guidance. Always refer to the specific installation instructions provided with your product for detailed wiring diagrams and safety precautions.*

### 3. OPERATING INSTRUCTIONS

#### 3.1 Making a Call from the Door Station

1. The visitor presses the illuminated call button corresponding to the desired residence on the door station.
2. The indoor handset in the selected residence will ring.

#### 3.2 Answering a Call from an Indoor Handset

1. When the handset rings, lift the receiver.
2. Speak into the receiver to communicate with the visitor at the door station.
3. To end the conversation, replace the receiver.

#### 3.3 Door Release Function (if connected)

If your system is connected to an electric door opener, you can release the door from the indoor handset:

1. During an active conversation with a visitor, press the door release button on the indoor handset. This button is typically marked with a key symbol.

- The door will unlock for a short period, allowing the visitor to enter.

### 3.4 Muting the Ringtone (if available)

Some TwinBus handsets may feature a ringtone mute function. Consult your specific handset model's documentation for details on this feature.

## 4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your intercom system.

- **Cleaning:** Wipe the door station and indoor handsets with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components.
- **Nameplates:** Periodically check and update the nameplates on the door station as needed. Ensure they are clean and legible.
- **Environmental Protection:** While the door station is designed for outdoor use, ensure it is not exposed to extreme conditions beyond its operating specifications.
- **Wiring Inspection:** Periodically inspect visible wiring for any signs of damage or wear. If any damage is found, contact a qualified technician for repair.

## 5. TROUBLESHOOTING

If you encounter issues with your Ritto Entravox intercom system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from door station or handset.	<ul style="list-style-type: none"><li>• Power supply issue.</li><li>• Loose wiring connection.</li><li>• Faulty component.</li></ul>	<ul style="list-style-type: none"><li>• Check if the power supply is connected and receiving power.</li><li>• Inspect wiring for secure connections.</li><li>• If problem persists, contact a qualified technician.</li></ul>
Indoor handset does not ring.	<ul style="list-style-type: none"><li>• Ringtone muted.</li><li>• Incorrect wiring to handset.</li><li>• Faulty call button on door station.</li></ul>	<ul style="list-style-type: none"><li>• Check if the ringtone mute function is active (if available).</li><li>• Verify wiring connections to the specific handset.</li><li>• Test other call buttons to isolate the issue.</li></ul>
Door release not working.	<ul style="list-style-type: none"><li>• Door opener not connected or faulty.</li><li>• Wiring issue to door opener.</li><li>• Insufficient power.</li></ul>	<ul style="list-style-type: none"><li>• Ensure the door opener is correctly installed and functional independently.</li><li>• Check wiring between the intercom system and the door opener.</li><li>• Consult a technician for electrical checks.</li></ul>

For complex issues or if troubleshooting steps do not resolve the problem, it is recommended to contact a qualified electrician or the product manufacturer's support.

## 6. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	1841370
Manufacturer	Ritto
Product Dimensions (L x W x H)	11 x 30 x 20 cm
Item Weight	1.08 Kilograms
Number of Items	1 (complete kit)
Batteries Required	No
Batteries Included	No
System Type	TwinBus Audio Intercom
Number of Residential Units	3

## 7. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. Warranty terms and conditions may vary by region and seller.

For technical support or service inquiries, please contact Ritto customer service or an authorized service partner. Keep your product model number (1841370) and purchase details readily available when seeking support.