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- › [Schneider Electric](#) /
- › [Ritto 1841170 Entravox Audio Intercom Complete Kit User Manual](#)

Schneider Electric 1841170

Ritto 1841170 Entravox Audio Intercom Complete Kit

User Manual

Model: 1841170 | Brand: Schneider Electric

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Ritto 1841170 Entravox audio intercom system. Designed as a complete kit for single-family homes, this system offers reliable audio communication and is ready for installation upon delivery. It includes all necessary components for a functional audio intercom setup.

2. PRODUCT OVERVIEW

The Ritto 1841170 Entravox system comprises an indoor audio handset and an outdoor call station, designed for clear and efficient communication between the inside of your home and visitors at your entrance.



Figure 2.1: The Ritto Entravox audio intercom system, featuring the white indoor handset with coiled cord and the white outdoor call station with speaker grille and call button.

The indoor unit is a classic handset with a coiled cord, featuring buttons for communication and potentially door release (if connected). The outdoor unit is a compact call station, typically mounted near the entrance, equipped with a speaker, microphone, and a call button for visitors.

3. SETUP AND INSTALLATION

The Ritto 1841170 Entravox kit is designed for straightforward installation. While professional installation is recommended for electrical systems, many users find the setup process to be very easy with basic electrical knowledge.

3.1. Pre-Installation Checks

- Ensure all components are present in the kit.
- Verify power supply availability at the installation points.
- Review local electrical codes and regulations.

3.2. Wiring

The system requires wiring between the indoor handset, the outdoor call station, and the power supply. For optimal performance and ease of installation, using a UTP cable (4x2) is often advantageous. Refer to the detailed wiring diagram provided in the packaging for specific connections.

3.3. Mounting

1. **Outdoor Call Station:** Select a suitable, weather-protected location near your entrance. Mount the unit securely using appropriate screws and anchors. Ensure it is at an accessible height for visitors.
2. **Indoor Handset:** Choose a convenient location inside your home, typically near the main entrance or in a central area. Mount the wall bracket securely and then attach the handset.

Important: Disconnect main power before performing any wiring or installation to prevent electrical shock.

4. OPERATING INSTRUCTIONS

Once installed, the Ritto Entravox audio intercom system is simple to operate.

4.1. Receiving a Call

- When a visitor presses the call button on the outdoor station, the indoor handset will ring.
- Lift the handset to answer the call.
- Speak clearly into the handset. The system provides good voice quality for clear communication.

4.2. Ending a Call

Place the handset back into its cradle to end the conversation.

4.3. Door Release (Optional)

If your system is connected to an electric door opener, press the designated door release button on the indoor handset to unlock the door for your visitor. Refer to your specific wiring diagram for door release functionality.

5. MAINTENANCE

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

- **Cleaning:** Wipe the indoor and outdoor units with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Connections:** Periodically check all wiring connections for tightness and signs of corrosion, especially for the outdoor unit.
- **Outdoor Unit:** Ensure the outdoor unit's speaker and microphone grilles are free from dirt, dust, or insect nests that could obstruct sound.

6. TROUBLESHOOTING

If you encounter issues with your Ritto Entravox intercom, try the following troubleshooting steps before contacting support.

Problem	Possible Cause	Solution
No sound from indoor unit	No power; loose connection; faulty handset.	Check power supply; verify all wiring connections; test with a known working handset if available.
No sound from outdoor unit	Loose connection; obstructed speaker/microphone; faulty outdoor unit.	Check wiring to outdoor unit; clear any obstructions from grilles; consider professional inspection.
Intermittent sound	Loose wiring; interference.	Inspect all connections for tightness; ensure wiring is not near sources of electrical interference.
Call button not working	Faulty button; wiring issue.	Check wiring to the call button; if issue persists, the outdoor unit may require service.

7. SPECIFICATIONS

- **Brand:** Schneider Electric
- **Manufacturer:** Ritto
- **Model Number:** 1841170
- **Maximum Speaker Output Power:** 50 Watts
- **Number of Units:** 1 Total (Indoor Handset, Outdoor Call Station)
- **Speaker Size:** 1 Inch
- **Date First Available:** April 22, 2022

8. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the documentation included with your purchase or visit the official Schneider Electric website. Amazon.com.be offers a 30-day return policy for this product. For technical support or further assistance, please contact Schneider Electric customer service or your authorized Ritto dealer. Ensure you have your model number (1841170) ready when contacting support.