

Schneider Electric 1841470

Schneider Electric Ritto 1841470 Entravox Complete Package 4WE White Intercom System

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Schneider Electric Ritto 1841470 Entravox Complete Package 4WE intercom system. Please read these instructions carefully before beginning installation or use, and retain them for future reference.

The Entravox Complete Package 4WE is a comprehensive door communication system designed for four residential units, featuring a white door station and four TwinBus home telephones. It utilizes a bus system for simplified wiring and reliable communication.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Disconnect power before installation or maintenance.
- **Environmental Conditions:** Do not expose the system to extreme temperatures, humidity, or direct water contact. Ensure proper ventilation.
- **Component Handling:** Handle all components with care to prevent damage. Do not attempt to modify or repair the system yourself. Contact qualified service personnel for assistance.
- **Intended Use:** This system is designed for residential door communication. Do not use it for purposes other than its intended function.

3. PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before proceeding with installation.

- 1 x Entravox Integrated Door Station (White, with 4 illuminated bell buttons and name tags)
- 4 x TwinBus 17630 Home Telephones (White)
- 1 x Entravox Power Supply Unit
- Installation hardware (screws, wall plugs, etc.)
- Instruction Manual



Image 1: Overview of the Schneider Electric Ritto 1841470 Entravox Complete Package 4WE White Intercom System, showing the door station, home telephones, and power supply.

4. SETUP AND INSTALLATION

The Entravox system uses a TwinBus installation technology, simplifying wiring. Refer to the detailed wiring diagrams provided in the separate installation guide for specific connections.

4.1. Door Station Installation

1. Choose a suitable outdoor location for the door station, protected from direct heavy rain and sunlight if possible.
2. Mount the backplate securely to the wall using the provided screws and wall plugs.
3. Connect the TwinBus wiring from the power supply to the designated terminals on the door station. Ensure correct polarity.
4. Attach the front panel of the door station to the backplate, ensuring a secure fit.
5. Insert name tags into the designated slots for each bell button.

4.2. Home Telephone Installation

1. Select an indoor location for each home telephone, typically near the entrance or in a central living area.

- 2. Mount the telephone's wall bracket securely.
- 3. Connect the TwinBus wiring from the main bus line to the telephone terminals.
- 4. Attach the home telephone to its wall bracket.

4.3. Power Supply Unit Installation

- 1. Install the power supply unit in a dry, accessible location, typically in an electrical cabinet or utility room.
- 2. Connect the main power supply (e.g., 230V AC) to the power supply unit.
- 3. Connect the TwinBus output from the power supply to the main bus line that feeds the door station and home telephones.
- 4. Once all connections are made and verified, restore power to the system.

5. OPERATING INSTRUCTIONS

5.1. Receiving a Call

- When a visitor presses a bell button on the door station, the corresponding home telephone will ring.
- Lift the handset of the home telephone to answer the call and speak with the visitor.

5.2. Opening the Door (if connected)

- If an electric door opener is integrated with the system, press the designated door release button on the home telephone during a call to unlock the door.

5.3. Adjusting Volume

- Some home telephone models may have a volume control switch or button. Refer to the specific telephone model's mini-manual for details on adjusting ringtone and speech volume.

6. MAINTENANCE

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

- **Cleaning:** Clean the door station and home telephones with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check all visible cables and connections for signs of wear or damage.
- **Name Tags:** Replace faded or damaged name tags on the door station as needed.
- **Professional Check:** Consider an annual check by a qualified technician to ensure all electrical connections and system functions are operating correctly.

7. TROUBLESHOOTING

If you encounter issues with your Entravox system, refer to the table below for common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
No ringtone on home telephone	No power to system; Loose wiring; Volume too low; Faulty bell button.	Check power supply; Inspect wiring connections; Adjust volume; Test bell button.

Problem	Possible Cause	Solution
No speech during call	Loose wiring; Faulty microphone/speaker; Handset not lifted correctly.	Check wiring; Ensure handset is fully lifted; Contact support if components are faulty.
Door opener not working	Incorrect wiring to door opener; Faulty door opener; System not configured for door release.	Verify door opener wiring; Check door opener functionality; Consult installation guide for configuration.
Intermittent operation	Loose connections; Power fluctuations; Interference.	Inspect all wiring; Ensure stable power supply; Check for sources of electrical interference.

8. SPECIFICATIONS

Feature	Detail
Manufacturer	Ritto (Schneider Electric)
Model Number	1841470
Product Type	Entravox Complete Package 4WE Intercom System
Color	White
Number of Home Telephones	4
Door Station Speakers	1
Installation Technology	TwinBus System
Item Weight	3.51 Kilograms
Product Dimensions	1 x 1 x 1 cm (approximate)
Batteries Required	No
First Available Date	August 12, 2022

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact Schneider Electric customer service. Technical support is available through your local distributor or the Schneider Electric website.

Contact Information:

Please visit the official Schneider Electric website for the most up-to-date support and contact details.