

UHPPOTE UT-RL-209

UHPPOTE UT-RL-209 Wired Two-Way Audio Intercom Doorphone Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your UHPPOTE UT-RL-209 Wired Two-Way Audio Intercom Doorphone. Please read this manual thoroughly before using the product to ensure proper function and longevity.

2. PRODUCT OVERVIEW

The UHPPOTE UT-RL-209 is a non-visual, one-to-one wired intercom system designed for two-way audio communication. It is suitable for various environments such as offices, warehouses, and residential settings. The system consists of two intercom units that communicate over a wired connection.

Key Features:

- Two-way audio communication.
- Wired connection for reliable communication.
- Maximum operating distance of 200 meters (656 feet) when connected with RVV2 (2 PIN) cable.
- Flexible power options: 110VAC power adapter or 4x AA 1.5V alkaline batteries per unit (batteries not included).
- Adjustable ringtone volume.
- Easy installation and simple operation.



Figure 1: Front view of the UHPPOTE UT-RL-209 Intercom Doorphone units.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 2 x UHPPOTE UT-RL-209 Intercom Units
- 2 x AC Power Adapters (US style plug)
- 1 x 3.3ft Connection Cable (for initial setup or short distances)

4. SETUP AND INSTALLATION

4.1 Wiring Connection

The two intercom units must be wired to each other for communication. Use a twin conductor cable for connection. The effective talking distance is up to 200 meters (656 feet) when using RVV2 (2 PIN) cable, provided the wire resistance is less than 60 ohms. Pay attention to the polarity (color of conductors) when connecting.



Figure 2: Bottom view of intercom units showing wiring connection points.

4.2 Power Supply

Each intercom unit requires power. You have two options:

1. **AC Power:** Plug the provided 110VAC power adapter into a standard wall outlet and connect it to the power input port on the intercom unit.
2. **Battery Power:** Insert four (4) R6P size AA 1.5V alkaline batteries into the battery compartment located on the bottom of each unit. Ensure correct polarity. Batteries are not included.



Figure 3: Bottom view showing battery compartments for AA batteries.

4.3 Mounting

The intercom units can be mounted on a wall or placed on a flat surface. Use the mounting holes on the bottom of each unit for secure wall installation. Ensure the units are placed in locations where the wired connection can be maintained within the specified distance.



Figure 4: Side view of intercom units with power and handset cords connected.

5. OPERATING INSTRUCTIONS

5.1 Making a Call

To initiate a call to the other unit:

1. Pick up your handset.
2. Press and hold the call button (typically located on the side or front of the unit).
3. The bell on the other handset will ring.
4. Speak into the microphone on your handset.
5. Once the conversation is complete, replace your handset to end the call and conserve power.

5.2 Receiving a Call

When the bell rings on your unit:

1. Pick up the handset.
2. Begin speaking.
3. Replace the handset when the conversation is finished.

5.3 Volume Adjustment

The ringtone volume can be adjusted on each unit. Refer to the specific unit for the location of the volume control dial or switch.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the intercom units. Do not use liquid cleaners or abrasive materials.
- **Battery Replacement:** If using battery power, replace all four AA batteries in both units simultaneously when performance degrades or the low battery indicator (if present) illuminates.
- **Cable Inspection:** Periodically check the connection cable for any signs of wear or damage. Replace damaged cables immediately to ensure proper operation and safety.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power to unit(s)	AC adapter unplugged or faulty; batteries depleted or incorrectly inserted.	Check AC adapter connection and power outlet. Replace batteries, ensuring correct polarity.
No sound or poor sound quality	Loose or incorrect wiring; damaged cable; distance exceeds maximum range; handset not picked up.	Verify all wiring connections are secure and correct. Inspect cable for damage. Ensure units are within 200m range. Confirm handset is picked up during conversation.
Ringtone not working	Volume too low; wiring issue.	Adjust ringtone volume. Check wiring connections.
Intermittent communication	Loose connection; cable damage; interference.	Secure all connections. Inspect and replace damaged cables. Ensure cable is not near strong electrical interference sources.

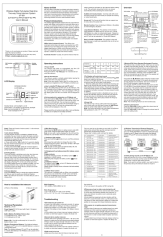




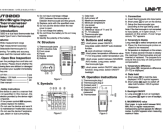
8. SPECIFICATIONS

Feature	Specification
Model Number	UT-RL-209
Type	Non-Visual One-to-one Wired Intercom
Communication	Two-Way Audio
Max Operating Distance	200 meters (656 feet) with RVV2 (2 PIN) cable
Power Source	AC 110V or 4 x AA 1.5V batteries per unit
Voltage	12 Volts (internal operating voltage)
Material	Plastic
Color	White
Item Weight	1.14 pounds (per pair)
Package Dimensions	9.49 x 8.5 x 5 inches

9. WARRANTY AND SUPPORT

UHPPOTE products are designed for reliability and performance. For warranty information, please refer to the terms and conditions provided at the time of purchase or contact your retailer. For technical support or inquiries, please visit the official UHPPOTE website or contact their customer service department.

Related Documents - UT-RL-209

	<p>UniTalk UT-001 Wireless Digital Full-Duplex Real-Time Two-Way Voice Intercom System User Manual</p> <p>User manual for the UniTalk UT-001 wireless digital full-duplex real-time two-way voice intercom system. Covers features like offline voice control, automatic answer, group calls, monitoring, setup, operation, troubleshooting, and FCC compliance.</p>
	<p>Runleader Produktkatalog: Wartungs- und Timersysteme</p> <p>Umfassender Produktkatalog von Runleader, der eine breite Palette von Betriebsstundenzählern, Timern, Batterieanzeigen, Thermometern und Fahrradcomputern für verschiedene Anwendungen wie ATV, Motorräder, Rasenmäher und mehr vorstellt. Enthält detaillierte Spezifikationen, Funktionen und OEM-Optionen.</p>
	<p>Caravanes Portées Real-Lite : Modèles, Caractéristiques et Spécifications</p> <p>Découvrez la gamme complète de caravanes portées Real-Lite, incluant les séries Soft Side, Hard Side et Hard Side Max. Trouvez les caractéristiques, options, plans d'étage et spécifications pour chaque modèle.</p>
	<p>UNI-T UT320D Mini Single Input Thermometer User Manual</p> <p>User manual for the UNI-T UT320D Mini Single Input Thermometer, detailing features, safety instructions, structure, operation, and specifications for accurate temperature measurement.</p>
	<p>GoodWe UT Series Grid-Tied PV Inverter User Manual</p> <p>This user manual provides comprehensive information on the GoodWe UT Series Grid-Tied PV Inverter, covering product overview, safety precautions, installation, electrical connection, commissioning, maintenance, and technical parameters. It is intended for trained technical professionals.</p>
	<p>UT320D Mini Single Input Thermometer User Manual UNI-T</p> <p>Comprehensive user manual for the UNI-T UT320D Mini Single Input Thermometer. Learn about features, operation, specifications, and safety instructions for this K/J thermocouple thermometer.</p>

