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Sonew Sonewra623zb4v5

Sonew Two-Way Wired Intercom System User Manual

MODEL: SONEWRA623ZB4V5

Brand: Sonew

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Sonew Two-Way Wired Intercom System. Designed for clear audio communication between two locations, this system is suitable for various environments including homes, offices, and warehouses. Please read this manual thoroughly before installation and use to ensure proper functionality and longevity of the product.

2. Product Features

- **Two-Way Audio Communication:** Enables clear, one-to-one audio conversations between two intercom units.
- **Extended Range:** Supports communication over a wired distance of up to 200 meters.
- **Flexible Installation:** Units can be placed on a desktop or mounted on a wall.
- **Dual Power Options:** Operates via AC110-AC230V power supply or DC 6V (4x AAA batteries per unit, not included).
- **Energy Efficient:** Minimal current consumption when not in active use.
- **Durable Construction:** Made from ABS material for reliability.

3. Package Contents

Upon opening the package, please verify that all items listed below are present and in good condition:

- 2 x Sonew Intercom Doorphone Units

Note: Connection cable (RVV2) and AAA batteries are not included and must be purchased separately.

4. Setup and Installation

The Sonew Two-Way Wired Intercom System is designed for DIY installation. Follow these steps for proper setup:

1. **Choose Installation Location:** Decide whether to place the units on a desktop or mount them on a wall. Ensure the chosen locations are within 200 meters of each other for optimal performance.
2. **Power Source Selection:**
 - **AC Power:** Connect each unit to an AC110-AC230V power outlet using a suitable adapter (not included).
 - **DC Battery Power:** For portable use or backup, insert 4 AAA batteries into each intercom unit. Ensure correct polarity.
3. **Wiring Connection:** This system requires a 2-line RVV2 cable for communication between the two units. The cable is not included.
 - Identify the wiring terminals on the back of each intercom unit.
 - Connect one wire (e.g., black) from the first unit to the corresponding terminal on the second unit.
 - Connect the second wire (e.g., red) from the first unit to its corresponding terminal on the second unit.
 - Ensure secure connections to prevent signal loss.

*Wiring requirements: For distances up to 50m, use RVV2*0.5mm cable. For distances up to 100m, use RVV2*1.0mm cable.*



Image: Back view of two intercom units illustrating the wired connection points. The diagram shows a black line connecting

corresponding terminals and a red line connecting corresponding terminals between the two units. This visual aid clarifies how to correctly wire the intercom system for communication.

4. **Mounting (Optional):** If wall-mounting, use appropriate screws and anchors (not included) to secure the units firmly to the wall. Ensure the unit is easily accessible for operation.



Image: A Sonew two-way intercom unit, white in color, is shown mounted on a wall. The background suggests an office setting with glass partitions and desks, demonstrating a typical installation scenario for the wired intercom doorphone.

EASY TO INSTALL, DIY INSTALLATION can be placed on the desktop or hanging walls.



Image: This image features a white intercom unit installed on a wall, with a soft-focus background depicting individuals engaged in conversation within an office space. The visual highlights the ease of installation, suggesting it can be a do-it-yourself project for various settings.

5. Operating Instructions

Using your Sonew Two-Way Wired Intercom System is straightforward:

1. **Initiating a Call:** To call the other intercom unit, press and hold the call button located on the side of your unit. The other unit will ring.
2. **Answering a Call:** When your unit rings, lift the handset to answer the call.
3. **Communication:** Speak into the microphone on the handset and listen through the earpiece.
4. **Ending a Call:** To end the conversation, simply place the handset back onto its base.



OPERATION DISTANCE 200M 2-LINE CONNECTED, STRONG SIGNAL AND CLEAR COMMUNICATION.

Image: A graphic representation of two people, each holding an intercom handset, engaged in conversation. A blue, circular signal emanates from one handset towards the other, visually representing communication. Text overlays indicate an 'Operation distance 200m' and '2-line connected, strong signal and clear communication', emphasizing the system's capabilities.

Your browser does not support the video tag.

Video: This video demonstrates the Sonew Two-Way Wired Intercom System in operation, showcasing its design and basic functionality. It provides a visual overview of the product and how it might be used in a typical setting.

6. Maintenance

To ensure the longevity and optimal performance of your intercom system, follow these maintenance guidelines:

- **Cleaning:** Wipe the units with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the surface.
- **Battery Replacement:** If using DC battery power, replace all 4 AAA batteries in each unit when the audio quality degrades or the unit fails to power on.
- **Wiring Inspection:** Periodically check the connection wires for any signs of wear, damage, or loose connections. Repair or replace damaged wiring promptly.
- **Environmental Conditions:** Avoid exposing the units to extreme temperatures, direct sunlight, high humidity, or dusty environments.

7. Troubleshooting

If you encounter issues with your Sonew Intercom System, refer to the following troubleshooting steps:

- **No Power:**

- If using AC power, ensure the power adapter is securely plugged into both the unit and a working electrical outlet.
- If using DC battery power, check if the batteries are correctly inserted and not depleted. Replace with fresh AAA batteries if necessary.

- **No Sound or Poor Audio Quality:**

- Verify that the connection wires (RVV2) are securely attached to both intercom units and are not damaged.
- Ensure the handset is properly seated on its base when not in use.
- Check for any obstructions around the microphone or speaker.

- **Unit Does Not Ring:**

- Confirm that the call button on the initiating unit is being pressed firmly.
- Inspect the wiring for any breaks or loose connections that might prevent the signal from reaching the other unit.

- **Misconception about Wireless Functionality:** Please note that this Sonew Intercom System is **wired** device. Despite some product descriptions or specifications that might mention "Wireless" connectivity, this model (Sonewra623zb4v5) requires a physical 2-line RVV2 cable connection between the two units for communication. The "Wireless" specification refers only to the power source option (batteries) and not the communication method.

8. Specifications

Feature	Detail
Brand	Sonew
Model Number	Sonewra623zb4v5
Color	White
Power Source	AC110-AC230V or DC 6V (4x AAA batteries per unit, not included)
Working Current	<100mA
Bell Ring Grade	>70dB (at 0.5 meter distance)
Connection Type	Wired (2-line RVV2 cable, not included)
Maximum Range	200 meters
Material	ABS
Unit Dimensions (L x W x H)	22.2 x 8.7 x 7.3 cm (8.7 x 3.4 x 2.9 inches)
Item Weight	Approximately 2.2 pounds (total for two units)
Installation Type	Tabletop, Wall Mount

Feature	Detail
Control Method	Touch (button for calling)
UPC	754959518580



Image: A detailed diagram illustrating the physical dimensions of a single Sonew intercom unit. Measurements are provided in both centimeters (22.2cm length, 8.7cm width, 7.3cm depth) and inches (8.7in length, 3.4in width, 2.9in depth), offering a clear understanding of the product's size.

9. Warranty and Support

For warranty information, please refer to the terms and conditions provided at the time of purchase or contact the seller directly. If you require technical assistance or have questions regarding your Sonew Two-Way Wired Intercom System, please reach out to the seller or manufacturer's customer support for guidance.

