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Hosmart HY812 Full-Duplex Wireless Intercom System User Manual

Model: HY812

1. INTRODUCTION

Thank you for choosing the Hosmart HY812 Full-Duplex Wireless Intercom System. This advanced intercom system is designed to provide crystal-clear, real-time two-way communication for both home and professional environments. Featuring cutting-edge sound processing technology, the HY812 ensures stable and clear conversations, earning it the name *UltraSpeak* for its exceptional audio quality. This manual will guide you through the setup, operation, and maintenance of your new intercom system.



This image displays four Hosmart HY812 intercom units, highlighting their compact design and control layout, including channel selection, volume, group, monitored, and talk buttons.

2. PACKAGE CONTENTS

Before proceeding with the setup, please verify that all items are present in your package:

- Hosmart HY812 Intercom Unit(s)
- Power Adapter(s)
- USB Cable(s)
- User Manual (this document)

This package contains intercom X 4, adapter X 4, cable X 4, and instruction X 2.



This image illustrates the typical contents of the Hosmart HY812 intercom package, showing the main unit, power adapter, USB cable, and instruction manual. The package typically includes multiple units, adapters, and cables.

3. SETUP INSTRUCTIONS

The Hosmart HY812 intercom system is designed for easy setup. No complex configuration or pairing is required. Simply plug in the units and begin communication.

3.1 Powering On

1. Connect the provided USB cable to the Type-C port on the back of each intercom unit.
2. Plug the other end of the USB cable into the power adapter.
3. Insert the power adapter into a standard electrical outlet. The unit will power on automatically.

Note: The term "wireless" refers to wireless communication between units, not wireless power. Each intercom unit requires continuous power via its adapter and cannot operate on batteries.



"Wireless" means wireless communication; intercoms can only be used by being plugged in and cannot use batteries.

This image provides detailed physical specifications of the intercom, including its dimensions and the location of the Type-C power input. It also clarifies that 'wireless' refers to communication, not power, as the units require continuous power.

3.2 Channel Selection

Each intercom unit has 6 available channels (1-6). For units to communicate, they must be set to the same channel.

- Press the desired channel button (1-6) on each unit to select a channel.
- Ensure all units intended for a conversation are on the same channel.

Care lives here

Introducing our flagship product, the Hosmart HY812 Intercom. With advanced sound processing technology, it delivers crystal-clear conversations indoors and outdoors.

Thanks to its outstanding audio quality, it earned the name UltraSpeak.



Multiple
Ringtone



High-fidelity
Sound



Easy Setup



1200 Feet
Range



User-friendly



The intercom unit is shown in a home environment, emphasizing its seamless integration. Key features such as multiple ringtones, high-fidelity sound, easy setup, and user-friendly design are highlighted.

4. OPERATING INSTRUCTIONS

The Hosmart HY812 offers intuitive controls for seamless communication.

4.1 Two-Way Communication (Full-Duplex)

The HY812 supports full-duplex communication, allowing both parties to speak and listen simultaneously without needing to press and hold a button.

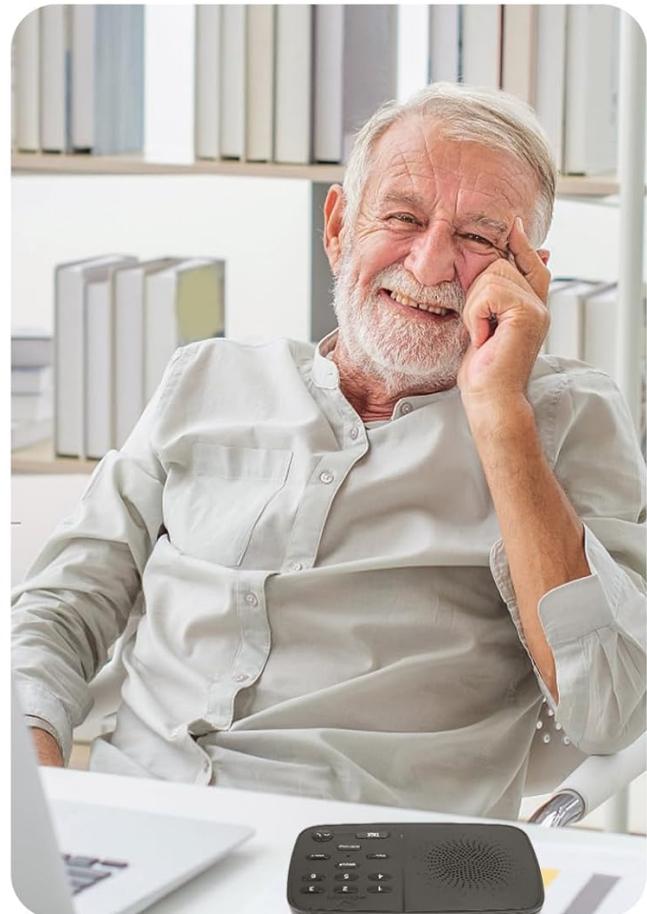
- To initiate a conversation, simply speak into the intercom. The other unit(s) on the same channel will receive your voice.
- To respond, the other party can speak naturally.
- The **TALK** button can be used to send a specific alert or to ensure your voice is prioritized in noisy environments, though it is not required for basic conversation.

Incredibly easy to use

This intercom is a great helper for families.



“ Grandpa! Dinner is ready! ”



“ Thanks, I’m coming! ”

This visual illustrates the intercom's ease of use for everyday communication within a home, showing a child calling an adult for dinner and the adult responding, highlighting its hands-free, real-time two-way communication.

4.2 Volume Control

Adjust the listening volume using the **VOL+** and **VOL-** buttons on each unit.

4.3 Group Function

The **GROUP** button allows you to broadcast a message to all other intercom units, regardless of their selected channel. This is useful for making announcements to multiple locations simultaneously.

- Press the **GROUP** button.
- Speak your message. All other units will receive the broadcast.

4.4 Monitored Function

The **MONITORED** function allows you to listen in on a specific unit without requiring the other party to press any buttons. This feature is particularly useful for monitoring children, elderly family members, or individuals with limited mobility.

- To activate monitoring, press the **MONITORED** button on the unit you wish to listen *from*.
- The unit being monitored will transmit audio to the listening unit.
- To deactivate, press the **MONITORED** button again.



Monitored function

Providing peace of mind for elderly and disabled family members.

This image demonstrates the utility of the intercom's monitored function, providing peace of mind for caregivers and family members by allowing easy communication with elderly or disabled individuals.

5. USAGE SCENARIOS

The Hosmart HY812 is versatile and suitable for various environments:

5.1 Home Use

Ideal for communication between rooms, floors, or even within a large property. Place units in bedrooms, kitchens, living rooms, garages, or basements to stay connected.

Home intercom for every space

Connect and communicate anywhere in your home.



This collage showcases the versatility of the Hosmart HY812 intercom system, demonstrating its suitability for different areas within a home, including living rooms, kitchens, garages, and basements.

5.2 Business and Office Use

Enhance communication efficiency in offices, restaurants, service kitchens, hotels, and reception areas. Coordinate tasks and communicate quickly across different departments or work zones.



Excellent intercom system for business and offices.

This collage highlights the intercom's effectiveness in professional settings, such as restaurants, offices, and reception areas, facilitating efficient communication among staff.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Hosmart HY812 intercom system, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the units with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Environment:** Keep the units in a dry environment. The intercom is **not waterproof** and should not be exposed to moisture or liquids.
- **Power:** Always use the original power adapter and USB cable provided.
- **Storage:** If storing the units for an extended period, disconnect them from power and store them in a cool, dry place.

7. TROUBLESHOOTING

If you encounter any issues with your Hosmart HY812 intercom, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound or poor audio quality	Units on different channels; volume too low; unit not powered; interference.	Ensure units are on the same channel. Increase volume. Check power connection. Move units away from other electronic devices.
Units not communicating	Units out of range; units on different channels; power issue.	Reduce distance between units. Verify all units are on the same channel. Check power supply for all units.
Intermittent communication	Obstructions (thick walls, metal structures); range limits; external interference.	Relocate units to minimize obstructions. Ensure units are within the specified range (up to 600m outdoor, 200m indoor).
Monitored function not working	Monitored unit not activated; units on different channels.	Press the MONITORED button on the unit you wish to listen from. Ensure both units are on the same channel.

8. SPECIFICATIONS

Feature	Detail
Brand	HOSMART
Model Number	HY812
Color	Black
Special Features	Long range, Full-Duplex, Real-time Two-Way Communication
Number of Channels	6
Maximum Range	Up to 600 meters (outdoor), 200 meters (indoor)
Voltage	230 Volts (AC)
Water Resistance Level	Not waterproof
Included Components	Intercom unit(s), Power adapter(s), USB cable(s)
Dimensions (approx.)	Height: 2.6 cm (1 in), Width: 8.9 cm (3.5 in), Length: 14 cm (5.5 in)

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact Hosmart customer service through their official website or the retailer where the product was purchased. Please have your model number (HY812) and purchase details ready when contacting support.

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