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Model: HY810-CA-002

Brand: HOSMART

1. PRODUCT OVERVIEW

The HOSMART Wireless Intercom System HY810-CA-002 provides reliable and secure communication for homes and offices. This system features a 1/2-mile long range in ideal conditions and supports 10 channels for versatile use. Designed for ease of use, it integrates essential functions for effective communication.



Image 1: HOSMART Wireless Intercom System unit.

Key Features:

- **Long Range Communication:** Up to 1/2 mile in ideal conditions, suitable for various environments.
- **Multi-Channel Support:** 10 channels for flexible communication between multiple units.
- **Individual Functions:** Includes Monitor, Talk, VOX (Voice Operated Exchange), and Group call capabilities.
- **Clear Digital Communication:** Anti-interference signal technology ensures clear and secure conversations.
- **Power Bank Compatibility:** Can be powered by a 5V 1A power bank for portable use.



Image 2: Features of the HOSMART Intercom System, including range, sound clarity, and monitoring capabilities.

2. SETUP INSTRUCTIONS

2.1 Unpacking and Placement

Carefully remove all components from the packaging. The system typically includes two intercom units and their respective power adapters. Place the units in desired locations, ensuring they are within range for optimal performance. Avoid placing units near large metal objects or other electronic devices that may cause interference.



Image 3: Example placement of intercom units within a home environment.

2.2 Power Connection

1. Connect the provided power adapter to the DC 5V port on the back of each intercom unit.
2. Plug the power adapter into a standard electrical outlet. The unit will power on automatically.
3. Alternatively, for portable use, connect a 5V 1A power bank to the DC 5V port.

2.3 Channel Setting

To enable communication between units, ensure they are set to the same channel. The HY810-CA-002 supports 10 channels (0-9).

1. On each unit, press the desired channel number button (0-9) to select a channel.
2. Confirm that all units intended to communicate are set to the identical channel number.



Image 4: Detailed view of the intercom unit's controls, including channel buttons.

3. OPERATING INSTRUCTIONS

3.1 Making a Call

1. Ensure both units are powered on and set to the same channel.
2. Press the **CALL** button on your unit. The receiving unit will ring.
3. To answer, the recipient presses the **TALK** button.

3.2 Two-Way Communication (Talk Function)

The system operates in a half-duplex mode, meaning only one person can speak at a time.

1. To speak, press and hold the **TALK** button. Speak clearly into the microphone.
2. Release the **TALK** button to listen for a response.
3. The other party follows the same procedure to respond.

3.3 Monitor Function

The Monitor function allows continuous listening to another unit for a set period (e.g., 24 hours). This is useful for monitoring children, elderly individuals, or specific areas.

1. On the unit you wish to listen *from*, press the **MONITOR** button.
2. On the unit you wish to listen *to*, select the channel of the monitoring unit.
3. The monitoring unit will transmit audio continuously.



Image 5: The monitor function allows continuous audio transmission, useful for observing sleeping individuals.

3.4 Group Call Function

The Group call function enables communication with all other units simultaneously within the intercom system that are set to the same group channel.

1. Press the **GROUP** button.
2. Speak into the microphone. All units on the same group channel will hear your message.

3.5 Volume Adjustment

Use the **VOL+** and **VOL-** buttons to adjust the speaker volume to a comfortable level.

4. MAINTENANCE

To ensure the longevity and optimal performance of your HOSMART Wireless Intercom System, follow these maintenance guidelines:

- **Cleaning:** Wipe the units with a soft, dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals.
- **Power Supply:** Always use the original power adapters provided with the system.
- **Environment:** Keep the units away from excessive moisture, direct sunlight, and extreme temperatures.
- **Storage:** If storing the units for an extended period, disconnect them from power and store them in a

cool, dry place.

5. TROUBLESHOOTING

If you encounter issues with your intercom system, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
No power/Unit not turning on	Power adapter not connected or faulty; power outlet issue.	Ensure power adapter is securely connected and plugged into a working outlet. Try a different outlet.
No communication between units	Units are on different channels; out of range; interference.	Verify all units are set to the same channel. Reduce distance between units. Relocate units away from potential interference sources.
Poor sound quality/Static	Interference; units too far apart; low battery (if using power bank).	Move units to a different location. Ensure power bank is charged if used.
Unit loses channel setting after unplugging	This model may not retain channel settings without continuous power.	Re-set the desired channel after each power cycle.
Incompatibility with older/other brand units	Different communication protocols or frequencies.	This system is designed to work with compatible HOSMART units. Ensure all units are of the same model or confirmed compatible.

6. SPECIFICATIONS

Feature	Detail
Model Number	HY810-CA-002
ASIN	B07MFTMN99
Package Dimensions	8.39 x 7.09 x 3.66 inches
Item Weight	1.96 pounds
Channels	10
Range	Up to 1/2 mile (in ideal situations)
Power Input	DC 5V 1A
Certifications	FCC, CE, ROHS Certified

7. WARRANTY AND SUPPORT

HOSMART provides a lifetime quality warranty for this wireless intercom system, ensuring your benefit and satisfaction. The product has passed FCC, CE, and ROHS certifications.

For any questions, technical assistance, or warranty claims, please contact HOSMART customer support. Responsive customer service is available to assist you with product inquiries and support needs.

Contact Information: Refer to the product packaging or the official HOSMART website for the most current customer support details.