PILSAMAS CF100

PILSAMAS CF100 WiFi Smart Emergency Alert System HUB User Manual

Model: CF100

1. Introduction

The PILSAMAS CF100 WiFi Smart Emergency Alert System HUB is a central component designed to work with wireless call buttons, providing an emergency alert solution for seniors and individuals requiring assistance. This HUB acts as a receiver, processing signals from paired call buttons and initiating alerts through sound, flashing lights, and smartphone notifications. It is intended as a replacement or additional HUB for existing PILSAMAS wireless call button systems.



Image 1.1: Front view of the PILSAMAS CF100 WiFi Smart Emergency Alert System HUB, displaying 'SOS' and 'WiFi' indicators.

2. Product Overview

2.1 Key Features

- **Wireless Connectivity:** Connects to your home Wi-Fi network for remote monitoring and app control.
- **Scalable System:** One HUB can pair with up to 255 wireless call buttons. Multiple HUBs can be linked to a single call button.
- **Smart App Control:** Manage settings, customize ringtones (18 options), adjust volume (4 levels), and monitor device status via a dedicated smartphone application.
- **Multi-Channel Alerts:** Triggers a loud alarm with flashing lights and sends instant app notifications to your smartphone upon activation of a paired call button.
- **Family Sharing:** Share alert notifications with family members through the app.

- **No Monthly Fees:** Lifetime free updates for core app functionalities.
- **Wide Range:** Supports signal transmission up to 230 feet (70 meters) in open areas.

2.2 Included Components

- 1 x PILSAMAS CF100 WiFi Smart Emergency Alert System HUB
- 1 x Power Adapter (for HUB)
- User Manual (this document)

Note: Wireless call buttons are required for system functionality and are sold separately. This product is compatible with PILSAMAS call buttons (e.g., B0D45463VD, B0F7G7LQTG, B0FHJ3JBWV).

3. Setup

3.1 Powering On the HUB

1. Unpack the HUB and its power adapter.
2. Connect the power adapter to the HUB's power input port.
3. Plug the power adapter into a standard electrical outlet. The HUB will power on, and its indicators will activate.

3.2 App Download and Installation

1. Scan the QR code provided in the packaging or search for the 'PILSAMAS Smart' app in your smartphone's app store (iOS App Store or Google Play Store).
2. Download and install the application.
3. Open the app and follow the on-screen instructions to create a new account or log in if you already have one.

3.3 Connecting the HUB to Wi-Fi

1. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The HUB only supports 2.4GHz Wi-Fi.
2. In the PILSAMAS Smart app, tap 'Add Device' or the '+' icon.
3. Select the 'Emergency Alert HUB' from the device list.
4. Follow the in-app instructions to put the HUB into pairing mode (usually involves pressing and holding a button on the HUB until an indicator light flashes).
5. Enter your Wi-Fi network name and password in the app.
6. The app will guide you through the connection process. Once connected, the HUB's Wi-Fi indicator will become solid.

3.4 Pairing Wireless Call Buttons

After the HUB is connected to Wi-Fi, you can pair wireless call buttons.

1. In the PILSAMAS Smart app, navigate to the HUB's settings or 'Accessories' section.
2. Select 'Add Call Button' or a similar option.
3. Activate the call button you wish to pair (e.g., press the SOS button). The HUB will detect the signal.
4. Confirm the pairing in the app. You can then name the call button (e.g., 'Bedroom Button', 'Bathroom Button') for easier identification.

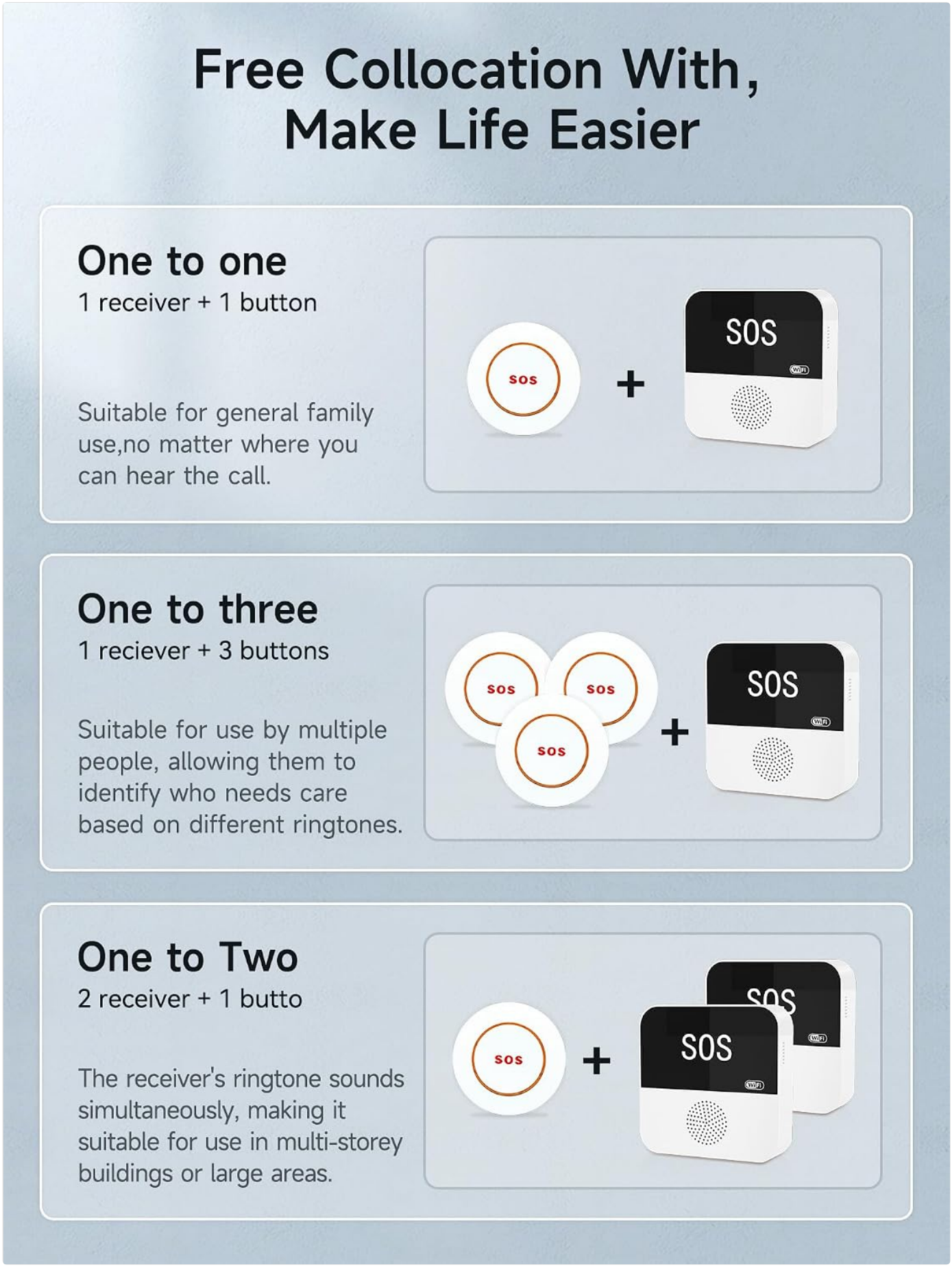


Image 3.1: Illustration of various system configurations, including one receiver with one button, one receiver with three buttons, and two receivers with one button, demonstrating system scalability.

4. Operating Instructions

4.1 Triggering an Alert

To trigger an emergency alert, simply press the SOS button on any paired wireless call button. The HUB will immediately react.

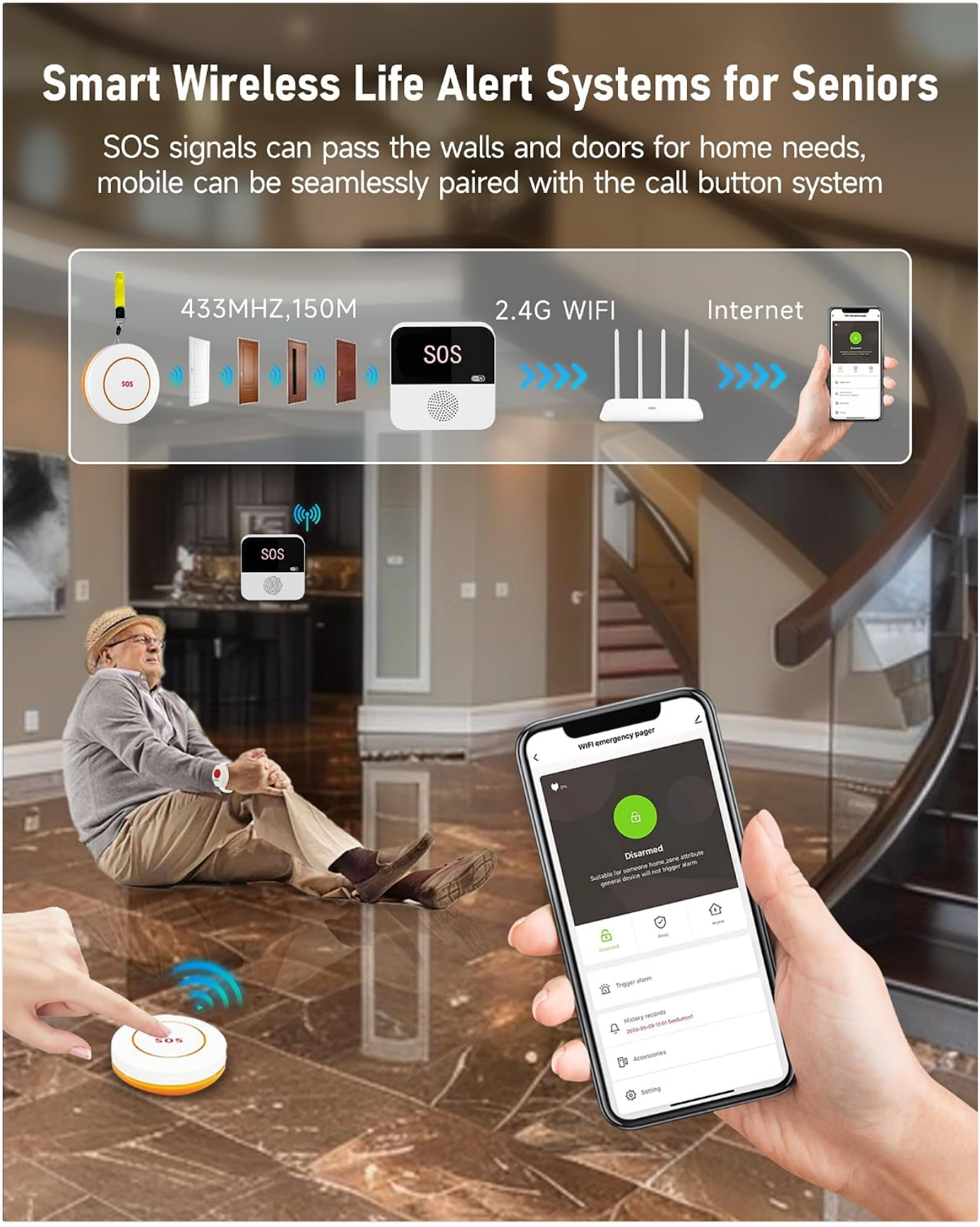


Image 4.1: Depiction of the emergency alert system in use, showing a person on the floor, a call button being pressed, the HUB, and a smartphone displaying an alert notification.

4.2 Alert Mechanisms

Upon receiving an alert signal from a call button, the HUB will:

- Emit a loud audible alarm.
- Flash its integrated lights.
- Send an instant notification to all linked smartphones via the PILSAMAS Smart app.



Image 4.2: Visual representation of multi-channel instant alerts, showing the HUB sounding an alarm, a smartphone receiving an app notification, and family members being alerted.

4.3 App Functions

The PILSAMAS Smart app provides comprehensive control and monitoring capabilities:

- **Custom Ringtones:** Choose from 18 available ringtones for the HUB. Each paired call button can be assigned a unique ringtone for identification.
- **Volume Adjustment:** Adjust the HUB's alarm volume across 4 levels (Mute, Low, Middle, High).
- **Real-Time Monitoring:** View the status of the HUB and paired call buttons, including battery levels and signal strength.
- **Device Naming:** Assign custom names to each paired call button (e.g., 'Living Room', 'Bedroom') for quick identification of the alert source.
- **Notification Sharing:** Share access to alert notifications with family members or caregivers through the app's sharing feature.



Image 4.3: The PILSAMAS HUB on a nightstand, with an overlay illustrating 18 selectable ringtones and 4 adjustable volume levels (Mute, Low, Middle, High) controlled via the app.



Image 4.4: Screenshot of the PILSAMAS app's family sharing interface, showing how multiple family members can receive notifications and monitor the system.

4.4 Placement and Range

The HUB and call buttons can be placed in various locations. Ensure the HUB is within Wi-Fi range and call buttons are within 230 feet (70 meters) of the HUB for optimal performance. Walls and obstacles may reduce the effective range.

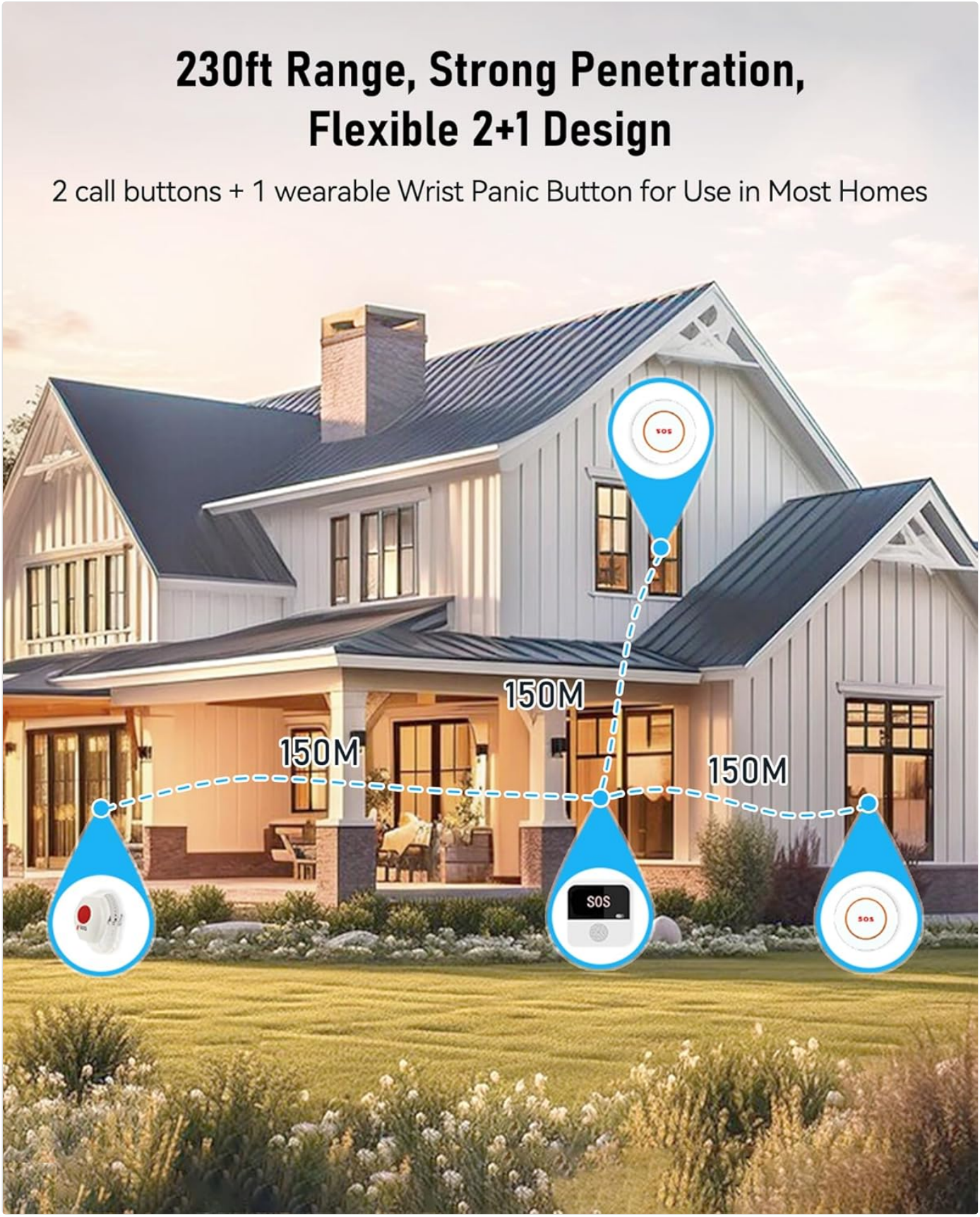


Image 4.5: An illustration showing a house with call buttons and the HUB strategically placed to cover a 230-foot range, demonstrating signal penetration through walls.

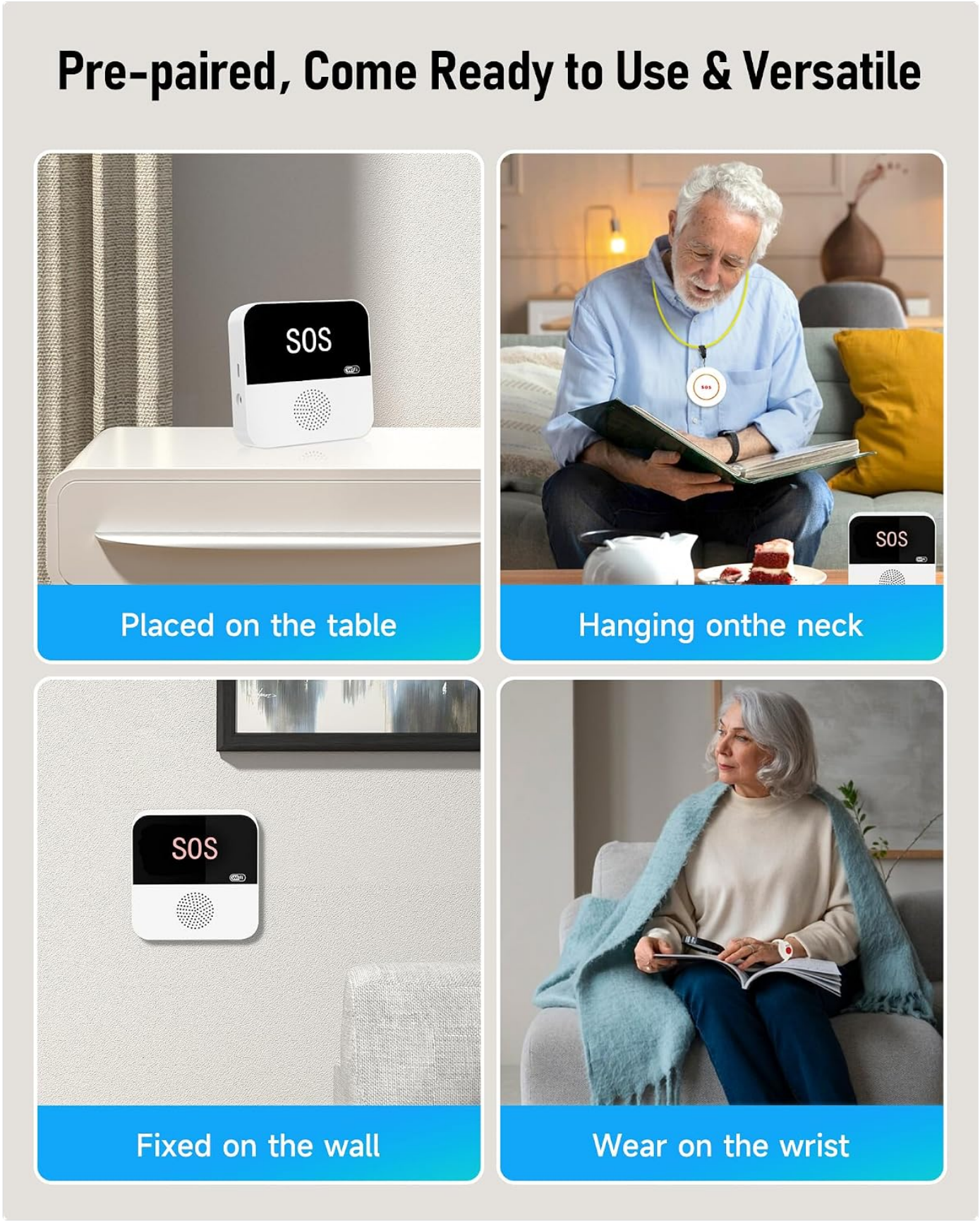


Image 4.6: Examples of versatile placement options for the PILSAMAS HUB and call buttons, including placing the HUB on a table or fixing it to a wall, and wearing call buttons on the neck or wrist.

5. Maintenance

5.1 Cleaning

Wipe the HUB with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these can damage the device.

5.2 Battery Information

The HUB contains an internal Lithium Polymer battery (included). This battery is primarily for backup power during outages. For continuous operation, keep the HUB connected to its power adapter. Wireless call buttons require their own batteries (not included with the HUB) and their battery status can be monitored via the app.

5.3 Firmware Updates

The system receives lifetime free updates. Ensure your HUB is connected to Wi-Fi to receive automatic firmware updates, which improve performance and add new features.

6. Troubleshooting

- **HUB not connecting to Wi-Fi:**
  - Ensure your Wi-Fi network is 2.4GHz.
  - Verify the Wi-Fi password entered in the app is correct.
  - Move the HUB closer to your Wi-Fi router.
  - Restart your router and the HUB, then try connecting again.
- **Call button not triggering alerts:**
  - Check if the call button is properly paired with the HUB via the app.
  - Ensure the call button's battery is not depleted. Monitor battery status in the app.
  - Verify the call button is within range of the HUB.
- **No app notifications:**
  - Ensure your smartphone has an active internet connection.
  - Check your phone's notification settings to ensure the PILSAMAS Smart app has permission to send notifications.
  - Verify the HUB is connected to Wi-Fi and online.
  - Log out and log back into the app.
- **HUB alarm is too quiet or too loud:**
  - Adjust the volume settings within the PILSAMAS Smart app.

7. Specifications

Feature	Detail
Model Number	CF100
Brand	PILSAMAS
Manufacturer	lora
Item Weight	4.8 ounces
Package Dimensions	5.2 x 4.6 x 2.7 inches
Color	White
Included Components	1 X HUB

Battery Type (HUB)	1 Lithium Polymer battery (included)
Control Method	Touch, App
Wireless Frequency	433MHz (for call buttons), 2.4GHz WiFi (for internet)
Wireless Range	Up to 230 feet (70 meters) in open areas
App Compatibility	iOS, Android

8. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or contact PILSAMAS customer service directly. Contact details can typically be found on the product packaging or the official PILSAMAS website.

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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