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> WNKRUN Wireless Calling System 400D-M2-15-200E-2-160A Instruction Manual

WNKRUN 400D-M2-15-200E-2-160A

WNKRUN Wireless Calling System Instruction Manual

Model: 400D-M2-15-200E-2-160A

Brand: WNKRUN

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your WNKRUN Wireless Calling System. This system is designed to enhance communication efficiency in various environments such as restaurants, hotels, and care facilities. It includes a central display unit, multiple call buttons, and watch pagers for staff.

Package Contents

The WNKRUN Wireless Calling System typically includes the following components:

- 1 x Call Number Display (Model CS-400D)
- 15 x Waterproof Call Buttons (Model CS-M2)
- 2 x Watch Pagers (Model CS-200E)
- 1 x Signal Amplifier (Optional, may vary by package)
- 1 x Remote Control for Display Unit
- Power Adapters for Display and Amplifier
- User Manual (This document)



Figure 1.1: Overview of the WNKRUN Wireless Calling System components, including the display, call buttons, watch pagers, signal amplifier, and remote control.

2. SETUP

2.1 Display Unit (CS-400D) Installation

1. **Placement:** Position the display unit in a central location visible to staff. Ensure it is within range of the call buttons and watch pagers.
2. **Power Connection:** Connect the provided power adapter to the DC 12V input port on the display unit and plug it into a standard electrical outlet.
3. **Antenna:** Attach the antenna to the designated port on the display unit for optimal signal reception.



Figure 2.1: The CS-400D display unit, showing its dimensions (16.93" x 4.64" x 1.18") and the remote control. It supports single, four, or eight group display modes.

2.2 Call Button (CS-M2) Placement

Place the waterproof call buttons at each service point (e.g., tables, patient bedsides). Use the double-sided adhesive provided for secure mounting.



Figure 2.2: Detailed view of the IPX67 fully waterproof CS-M2 call button, highlighting its call and cancel functions and compact design.

2.3 Watch Pager (CS-200E) Preparation

1. **Charging:** Before first use, fully charge the watch pagers using the provided USB charging cable. The watch has a built-in rechargeable lithium battery with up to 72 hours of standby time.
2. **Wearing:** Adjust the soft silicone strap for a comfortable fit on the wrist.

PRODUCT DETAILS

CS-200E



Figure 2.3: Close-up of the CS-200E watch pager, showing its clear display screen, silicone strap, perspiration hole, and USB charging port.

2.4 Signal Amplifier (Optional)

If the signal distance is insufficient due to environmental factors like walls, a WNKRUN signal amplifier can be added. Connect the amplifier to a power source and position it between the call buttons and the display/watch pagers to extend the range and stabilize the signal.

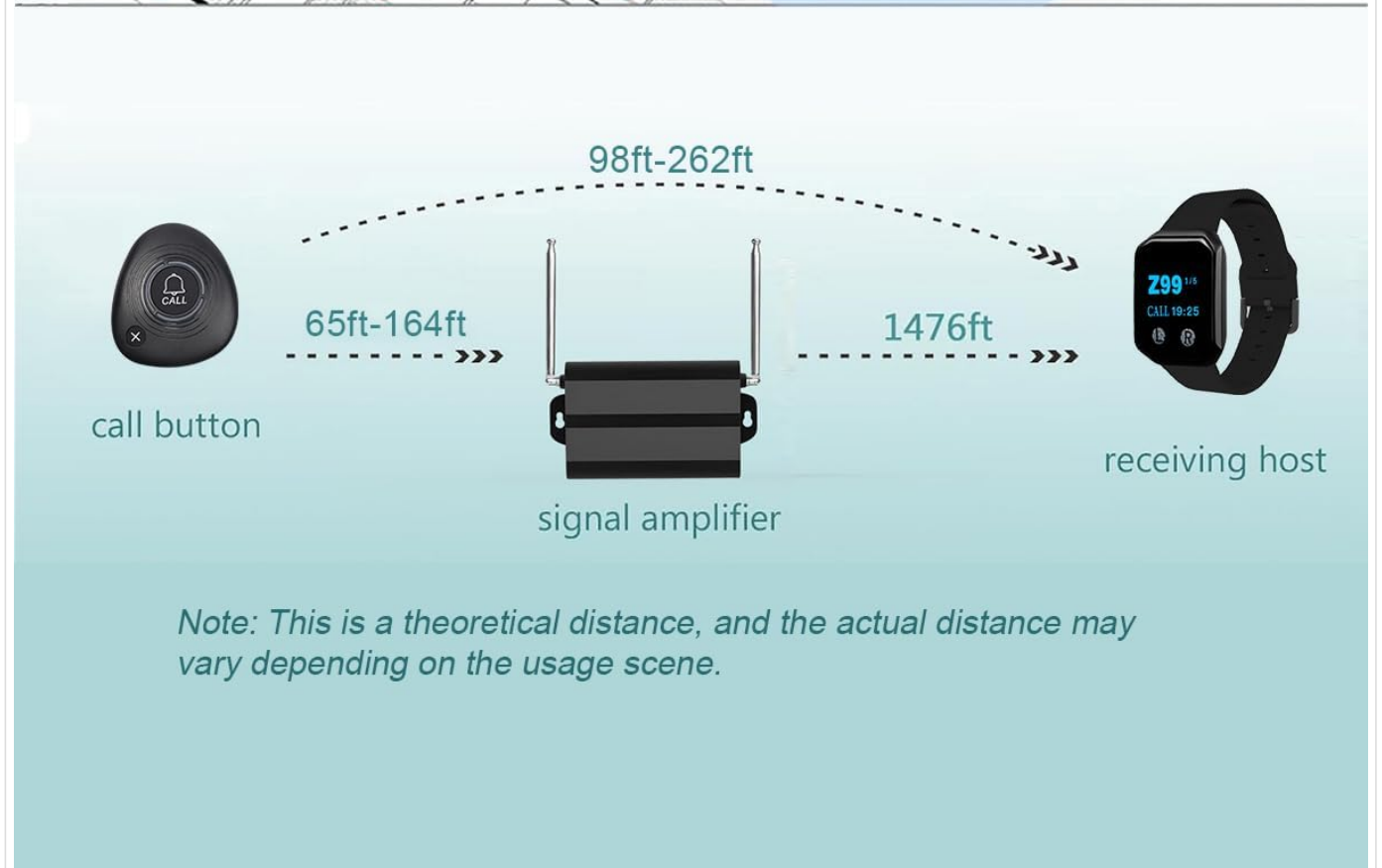
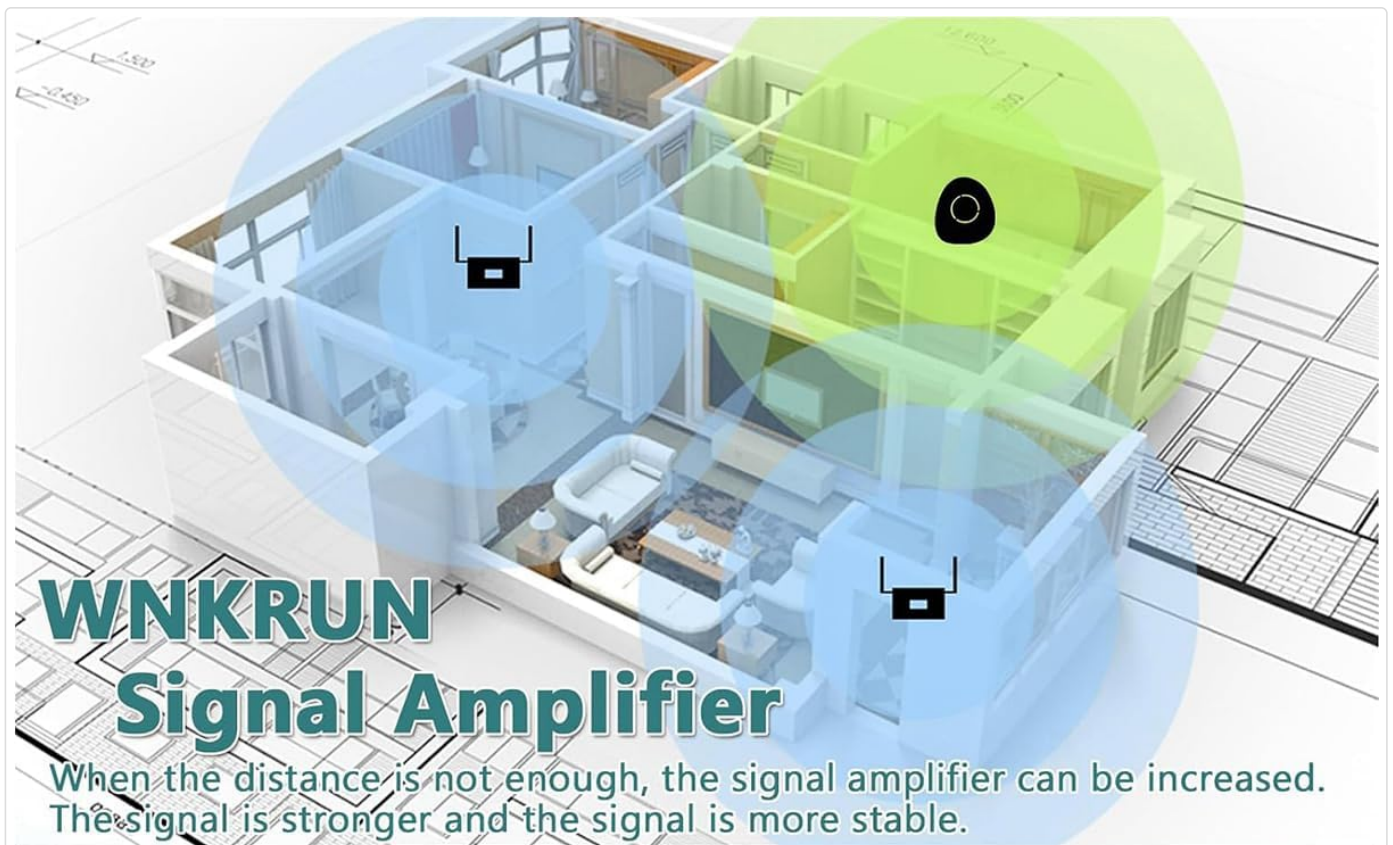


Figure 2.4: Diagram illustrating how the WNKRUN signal amplifier extends the communication range between call buttons and receiving devices.

3. OPERATING INSTRUCTIONS

3.1 Placing a Call

To request service, a guest or patient simply presses the **CALL** button on the CS-M2 call button. The button will typically

illuminate briefly to confirm the signal has been sent.

3.2 Receiving a Call

Calls are received on both the central display unit and the watch pagers.

- **Display Unit (CS-400D):** The display will show the number or identifier of the calling button. It supports three display modes: single group, four groups, or eight groups simultaneously. The system can also broadcast the table number audibly.
- **Watch Pager (CS-200E):** The watch pager will vibrate and display the calling number. The watch provides a vibration reminder only, without a ringtone.

Suitable for Many Places

Restaurants, cafes, hotels, bars, hospitals, nursing homes, clinics, churches, banks, etc.



Figure 3.1: Workflow of the WNKRUN system: Guest presses call button, receiver displays number, waiter receives signal, waiter provides service.

3.3 Display Modes and Settings

The CS-400D display unit offers flexible display options and settings:

- **Display Modes:** Choose between single, 4-group, or 8-group display modes to suit your operational needs.
- **Volume Control:** Adjust the volume from 0 (mute) to 9 levels.

- **Language Support:** The system supports English, Japanese, German, and Spanish.
- **Remote Control:** Use the included remote control to easily adjust settings, page up/down digits, and confirm selections.

3.4 System Combinations

The WNKRUN system supports various configurations:

- **One-to-One:** A single call button paired with a single receiver (display or watch).
- **One-to-Many:** A single call button paired with multiple receivers.
- **Many-to-One:** Multiple call buttons paired with a single receiver.
- **Many-to-Many:** Multiple call buttons paired with multiple receivers.



Figure 3.2: Visual representation of various system combinations: One to One, Many to Many, and adding a signal amplifier for extended range.

4. MAINTENANCE

4.1 Call Button Battery Replacement

The CS-M2 call buttons use CR2032*2 batteries. To replace them:

1. Use a screwdriver to open the four screws on the back cover.
2. Carefully open the back cover and remove the old batteries.
3. Insert new CR2032 batteries, ensuring correct polarity.
4. Replace the back cover and secure the screws.

PRODUCT INFORMATION



IPX67 Fully Waterproof Call Button



Model	CS-M2
Name	2-key Call Button
Color	Black
Size	2.32"x2.56"x0.59"
Waterproof level	IPX67 fully waterproof
Weight	28.6g
Built-in battery	CR2032*2
Accessories	Double-sided adhesive

Replacement Battery

1. Use a screwdriver to open the four screws on the back cover.
2. Open the back cover, and replace the battery, CR2032*2 batteries.
3. Replace the battery and restore it.



Figure 4.1: Step-by-step guide for replacing the batteries in the CS-M2 call button.

4.2 Watch Pager Charging

Recharge the CS-200E watch pagers regularly using the provided USB cable to ensure continuous operation. A full charge provides up to 72 hours of standby time.

4.3 Cleaning

Wipe all components with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners. Ensure the call buttons are dry after cleaning, especially given their waterproof rating.

5. TROUBLESHOOTING

Refer to the following common issues and solutions:

Problem	Possible Cause	Solution
No signal received on display/watch pager.	Out of range, low battery in call button, interference.	Check call button battery. Ensure devices are within operational range. Consider adding a signal amplifier.
Short signal distance.	Environmental obstructions (walls), interference.	Add a WNKRUN signal amplifier to extend range. Reposition devices to minimize obstructions.
Display unit not powering on.	Power adapter disconnected or faulty.	Check power adapter connection and ensure it's plugged into a working outlet.
Watch pager not charging.	USB cable or charging port issue.	Ensure USB cable is properly connected. Try a different USB port or charger.
Multiple display receivers needed.	System configuration.	The system supports multiple display receivers with all call buttons simultaneously (many-to-many configuration). Ensure all units are properly paired.

6. SPECIFICATIONS

Feature	Specification
Brand	WNKRUN
Model Number	400D-M2-15-200E-2-160A
Display Unit Model	CS-400D
Call Button Model	CS-M2
Watch Pager Model	CS-200E
Voltage	12 Volts (DC)
Control Method	Remote, Touch
Mounting Type	Tabletop Mount (Display)
UPC	755749783881
Item Weight	4.09 pounds (total package)
Call Button Batteries	15 CR2032 batteries required (included)
Watch Pager Battery	Built-in rechargeable Lithium-Ion
Watch Pager Standby Time	Up to 72 hours
Call Button Waterproof Level	IPX67 Fully Waterproof
Outdoor Range	Up to 500m / 1640ft (open area)

Feature	Specification
Indoor Range	100-300m / 328-984ft (environment dependent)
Display Unit Capacity	Compatible with up to 400 call buttons (001 to ZZZ)

7. SUPPORT

For any questions, technical assistance, or support regarding your WNKRUN Wireless Calling System, please contact our professional after-sales team. We are available to provide assistance and ensure your system operates effectively.

Please refer to the product packaging or the official WNKRUN website for specific contact information.