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BYHUBYENG CS-400D-JPU

BYHUBYENG Wireless Call System Instruction Manual

Model: CS-400D-JPU

1. INTRODUCTION

This instruction manual provides comprehensive guidance for the installation, operation, and maintenance of your BYHUBYENG Wireless Call System, Model CS-400D-JPU. This system is designed to enhance communication efficiency in various commercial environments such as restaurants, cafes, hospitals, and factories. Please read this manual thoroughly before using the product to ensure safe and optimal performance.



Figure 1: Overview of the BYHUBYENG Wireless Call System components.

2. PRODUCT OVERVIEW

2.1 System Components

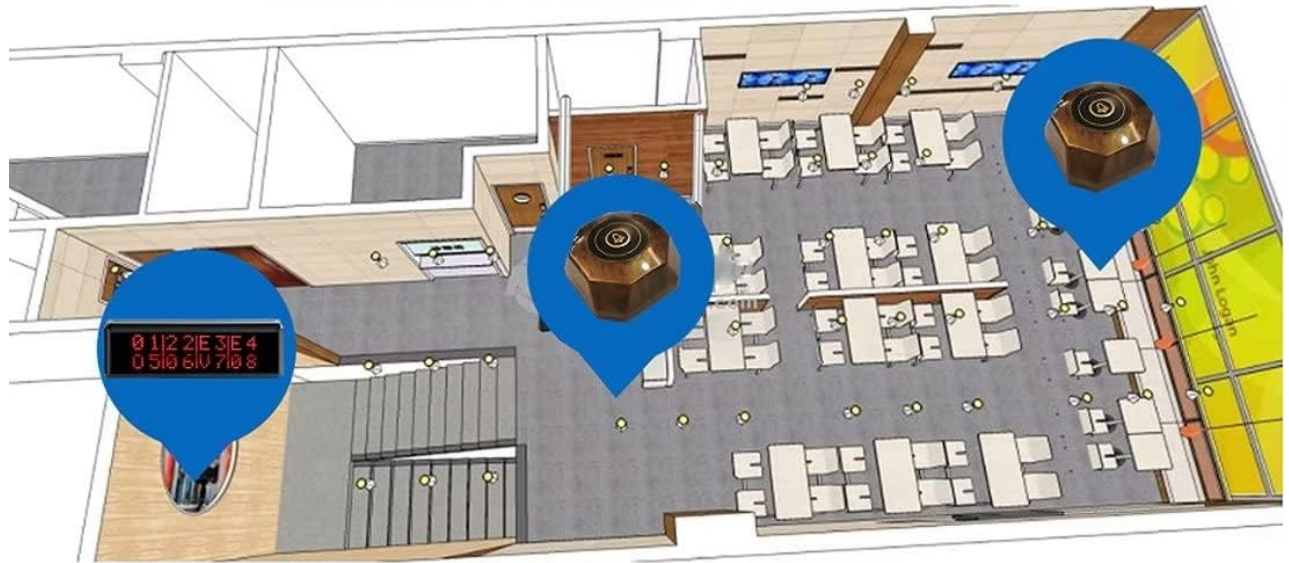
- **Main Display Unit (Model CS-400D-JPU):** Receives and displays call numbers.
- **Call Buttons (Model CS-X1):** Transmits call signals when pressed.
- **Wrist Receivers (Model CS-200E):** Portable receivers for staff.
- **Remote Control:** For system configuration and clearing calls.
- **AC Adapter:** For powering the main display unit.
- **Batteries:** For call buttons and wrist receivers.

2.2 Key Features

- **Long Range and Stable Signal:** The main unit (CS-400D-JPU) has a reception range of approximately 500m in open areas. Indoors, the range is typically 50-100m, depending on environmental factors like walls and obstacles. Range can be extended by adding a FLYDOG repeater (sold separately).

強力で安定した信号

ワイヤレス通信が最大**500メートル**の長距離まで届けます。
(理論距離、使用環境により異なります)



飲食店 / 喫茶店 / バー / ホステル / カラオケTV

Figure 2: Wireless signal coverage in a typical indoor setting.

- **Multiple Display Modes:** The high-brightness LED display can show 1, 4, or 8 numbers simultaneously.
- **Customizable Numbering:** Call button numbers can be set from 001 to ZZZ.
- **Multi-language and Chime Options:** Supports Japanese and English broadcasts, with 6 types of incoming call chimes.
- **Adjustable Volume:** 10 volume levels available, including a mute option (level 0).
- **Adjustable Call Repeat Count:** Set call repeat frequency from 1 to 200 times.
- **Remote Operation:** The main unit can be operated remotely for easy number clearing and settings adjustments.
- **Expandable System:** Additional main display units, call buttons, and wrist receivers can be added to suit various operational needs.
- **Battery Replacement:** Call buttons feature easily replaceable batteries for extended use.
- **Easy Setup:** Units are pre-set with numbers 1-16 at the factory, allowing for immediate use upon receipt without

complex configuration.

- **Waterproof Call Buttons:** Call buttons are designed with IPX56 splash resistance.
- **Wrist Receiver Features:** IPX67 waterproof, silent vibration mode, 24-hour daily use, 7-day standby.

遠距離信号、大画面掲示板



型番 : CS-400D-JPU

- 番号設定 : 001-ZZZ
- 1・4・8番号同時表示
- **日本語**・英語・6種類着信音放送
- 10段階の音量調整可能、0 = 消音
- 距離 : 受信本機の受信範囲は約**500M**です。
(空地までの距離, 使用環境により異なります)。

複数の受信機に表示可能！

*送信機の送信距離はFLYDOG信号中継機で延長可能。

*フロアー用、厨房用や1階、2階用など2台以上のモニターが必要な場合でも対応可能！



Figure 3: Main Display Unit (Model CS-400D-JPU) features and dimensions.

腕式受信機

強力な干渉防止能力、
複数ボタンの同時呼び出しに対応!



完全防水
IPX67



注意方式:
無音振動!



受信機のサイズ



電池

1時間
充電

24時間
日常使用

7日
待機

Figure 4: Wrist Receiver (Model CS-200E) specifications and features.

3. SETUP INSTRUCTIONS

The system is designed for quick deployment. Most units come pre-configured for immediate use.

3.1 Initial Setup

1. **Connect Antenna:** Before powering on, ensure the antenna is securely connected to the main display unit.
2. **Power On Main Display:** Connect the AC adapter to the main display unit and plug it into a power outlet. The unit will power on and display the current time or default numbers.
3. **Call Button Batteries:** Ensure all call buttons have their 12V batteries installed. These are typically pre-installed.
4. **Wrist Receiver Charging:** Charge wrist receivers using the provided USB charger before first use.
5. **Placement:** Position the main display unit in a central location where it is easily visible to staff. Place call buttons at customer tables or service points.



Figure 5: Main unit antenna connection and hanging hardware.

3.2 Pairing and Configuration (If necessary)

While units are typically pre-paired, you may need to adjust settings or pair new units. Refer to the included Japanese instruction manual for detailed steps, which often include operational videos.

- **Number Setting:** Numbers can be set from 001 to ZZZ.
- **Volume Adjustment:** Use the remote control to adjust the volume (10 levels, 0 for mute).
- **Call Repeat Count:** Adjust the number of times a call signal repeats (1-200).
- **Remote Control Functions:** The remote allows for starting/ending setup menus, clearing all displayed numbers, selecting digits for editing, adjusting numbers, and saving settings.

本体とリモコンの機能

本体はリモコンで遠隔操作可能：設定の変更や番号の消去ができます。



Figure 6: Main unit ports and remote control functions.

4. OPERATING INSTRUCTIONS

4.1 Making a Call

1. When a customer requires service, they press the call button located at their table or service point.
2. The call button transmits a wireless signal to the main display unit and any paired wrist receivers.



Figure 7: Customer initiating a call for service.

4.2 Receiving a Call

- **Main Display Unit:** The call number will appear on the main display unit, accompanied by an audible chime (if not muted). The display can show 1, 4, or 8 numbers simultaneously.
- **Wrist Receiver:** Staff wearing wrist receivers will receive a vibration and/or an audible alert, displaying the call number.

一対多
多対一
多対多



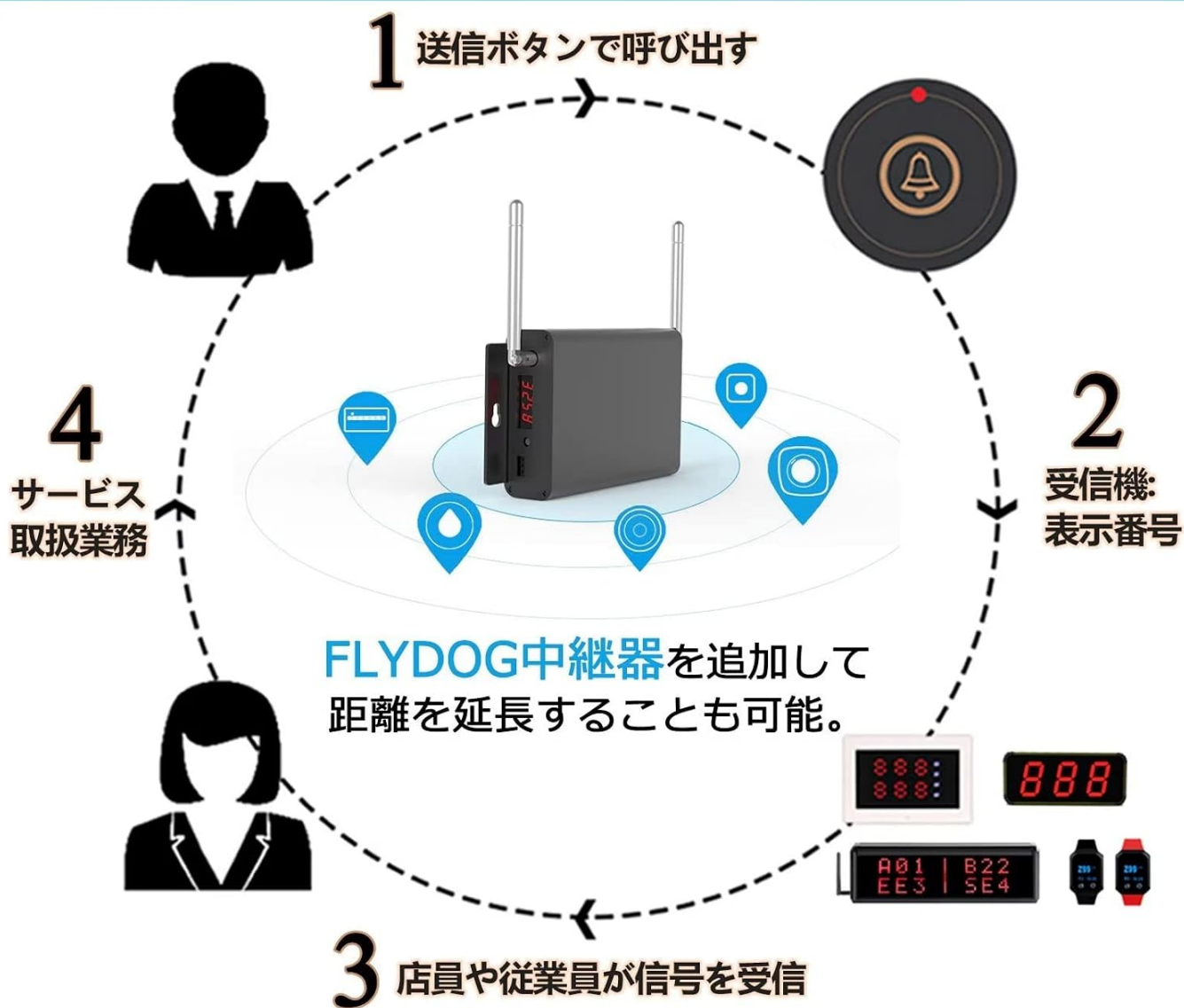
送信機の送信距離はFLYDOG信号中継機で延長可能。

Figure 8: Main display unit showing various call display configurations.

4.3 Call Workflow

実用化過程

【主な導入場所】飲食店、レストラン、カフェ、居酒屋、工場、病院など



4.4 Clearing Calls

- To clear a call from the main display, use the remote control. Press the appropriate button (e.g., 'A' for clearing all, or navigate to clear specific numbers).
- Wrist receivers typically clear calls automatically after a set time or when acknowledged.

5. MAINTENANCE

5.1 Cleaning

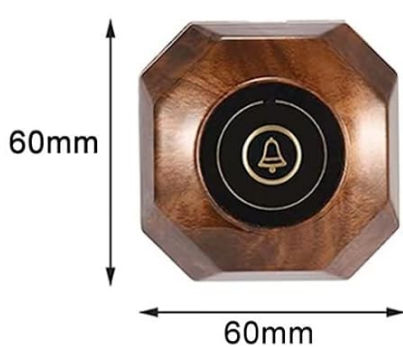
- Wipe all units with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by drying.
- Do not use abrasive cleaners or solvents.
- While call buttons are splash-resistant (IPX56), do not immerse them in water.
- Wrist receivers are IPX67 waterproof, but avoid prolonged submersion.

5.2 Battery Replacement (Call Buttons)

Call buttons use 12V A23 type batteries, which are easy to replace.

1. Locate the battery compartment on the underside of the call button.
2. Open the compartment cover.
3. Remove the old battery and insert a new 12V A23 battery, ensuring correct polarity.
4. Close the compartment cover securely.

送信機の仕様



詳細仕様

型番	CS-X1
名前	送信機/呼び出しボタン
色	木目調
内蔵電池	12V23A *1 (交換が容易)
キー	1:呼び出し
サイズ	60*60*31mm
重量	44g
付属品	両面接着剤 (製品背面に貼り付け)



表面防水設計により、わずかな水しぶきが可能ただし、完全防水ではありませんので、水に浸さないでください

電池交換の手引き:



Figure 10: Call button (CS-X1) details and battery replacement steps.

5.3 Wrist Receiver Charging

Wrist receivers are rechargeable via USB. A full charge provides approximately 24 hours of daily use and 7 days of standby time.

6. TROUBLESHOOTING

6.1 No Signal Reception

- **Check Power:** Ensure the main display unit is powered on and connected to the AC adapter.
- **Check Antenna:** Verify the antenna on the main display unit is securely attached.
- **Call Button Battery:** Replace the battery in the call button if it's low or depleted.

- **Range:** Ensure the call button is within the effective range of the main display unit (50-100m indoors, up to 500m open space). Obstacles like thick walls can reduce range. Consider adding a repeater if range is an issue.
- **Interference:** Other wireless devices might cause interference. Try repositioning units.

6.2 Incorrect Number Display

- **Re-pair Units:** If a call button displays an incorrect number or no number, it may need to be re-paired with the main display unit. Refer to the detailed pairing instructions in the full manual.
- **Remote Control:** Use the remote control to verify and adjust number settings.

6.3 Wrist Receiver Not Alerting

- **Charge Battery:** Ensure the wrist receiver is fully charged.
- **Check Settings:** Verify the wrist receiver is not set to mute or silent mode.
- **Pairing:** Confirm the wrist receiver is correctly paired with the system.

6.4 Compatibility Note (Chip Update)

Due to a global chip shortage, the product's chip has been updated as of June 2021. Old models used GM chips, while new models use FSK chips. FSK receivers can receive both GM and FSK signals. However, older GM receivers cannot receive FSK signals directly. It is possible to convert FSK button signals to GM signals using a new FSK repeater, allowing GM receivers to receive FSK button signals. Please contact customer support if you have compatibility concerns with existing older units.

For more information on the repeater, please visit: <https://www.amazon.co.jp/dp/B08NSRT53B>

7. SPECIFICATIONS

Feature	Detail
Brand	BYHUBYENG
Model Number	CS-400D-JPU (Main Display), CS-X1 (Call Button), CS-200E (Wrist Receiver)
Mounting Type	Tabletop Mount (Main Display)
UPC	787803651898
Package Dimensions	47.7 x 21.5 x 7.8 cm
Item Weight	2.02 Kilograms
Power Source (Main Display)	Corded Electric (AC Adapter included)
Voltage (Main Display)	12 Volts (DC)
Call Button Battery Type	12V A23 Alkaline (included)
Wrist Receiver Battery Type	Rechargeable (USB charger included)

Feature	Detail
Main Display Reception Range	Approx. 500m (open distance), 50-100m (indoors)
Call Button Waterproof Rating	IPX56 (Splash-resistant)
Wrist Receiver Waterproof Rating	IPX67 (Waterproof)
Display Modes	1, 4, or 8 numbers simultaneously
Volume Levels	10 levels (0 = mute)
Call Repeat Count	1-200 times

8. WARRANTY AND SUPPORT

The BYHUBYENG Wireless Call System comes with a **1-year warranty** against natural defects. In the event of a natural defect, please contact customer support with your Amazon order number for assistance.

For any questions, technical support, or warranty claims, please refer to the contact information provided with your purchase or visit the official BYHUBYENG support page.

This system is widely applicable in various settings, including:

- Restaurants, Cafes, Izakayas
- Hospitals, Clinics, Nursing Homes
- Factories, Workshops, Warehouses
- Commercial Facilities, Reception Areas
- Churches, Banks

居酒屋・バー・焼き鳥



幅広い場所に対応

遊技場・体育館



病院・診療所・美容院



喫茶店・カフェ・デザート店



工場・事務所



学習塾



Figure 11: Diverse applications of the BYHUBYENG Wireless Call System.

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

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

Submit question

Open the live page

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