BYHUBYENG FLYDOG S1

BYHUBYENG FLYDOG Wireless Call Button Transmitter S1 Instruction Manual

Model: S1 (CS-S1)

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your BYHUBYENG FLYDOG Wireless Call Button Transmitter S1. Please read this manual thoroughly before use to ensure proper functionality and longevity of the product.
The S1 transmitter is designed to be used in conjunction with compatible BYHUBYENG FLYDOG receiver units (models 200E, 200D, 300S-Q, 300L, 400D-JPU). It cannot function as a standalone device.

2. Package Contents

- BYHUBYENG FLYDOG Wireless Call Button Transmitter S1 (1 unit)
- Built-in Battery (CR1632 x 2)
- Double-sided Adhesive Tape (for mounting)

Important Note:
This package contains only the transmitter unit. A compatible BYHUBYENG receiver unit is required for operation and is sold separately.

3. Product Overview

The BYHUBYENG FLYDOG Wireless Call Button Transmitter S1 is a compact, battery-powered device designed for various service applications. It features a single "CALL" button and an indicator light.



Image: Front view of the BYHUBYENG FLYDOG Wireless Call Button Transmitter S1. It is a black, circular button with a gold ring and a bell icon in the center, labeled "CALL". A red indicator light is visible at the top.

3.1 Dimensions and Weight

Feature	Specification
Diameter	60 mm
Height	9 mm
Weight	22 g
Battery Type	CR1632 x 2 (Lithium Metal)



Image: Diagram showing the front, side, and back views of the S1 transmitter with dimensions (6cm diameter, 0.9cm thickness). A table lists specifications including model CS-S1, name "Transmitter/Call Button", color "Transmitter Unit-S1", internal battery CR1632*2, key "Call", size φ60*9(H)mm, weight 22g, and accessories "Double-sided adhesive". It also shows the battery replacement method.

4. Setup and Pairing

The S1 transmitter must be paired with a compatible BYHUBYENG receiver unit before use. The pairing process typically involves setting the F1 function on your receiver and then registering the transmitter's unique ID.

1. Ensure your BYHUBYENG receiver unit is powered on and in pairing mode (refer to your receiver's manual for specific instructions on entering pairing mode, often labeled as F1 function).
2. Once the receiver is ready to pair, press the "CALL" button on the S1 transmitter.
3. The receiver should register the transmitter's signal and display its ID. Follow the receiver's instructions to save this ID.
4. Repeat for any additional S1 transmitters you wish to pair.

Note:
The exact pairing procedure may vary slightly depending on your specific BYHUBYENG receiver model. Always consult the receiver's instruction manual for detailed pairing steps.



Image: A diagram showing the workflow of the wireless calling system. A customer presses the call button (1), which sends a signal to a receiver (2) that displays a number. Staff (3) receive the signal (e.g., on a wrist receiver or display panel) and provide service (4). The diagram also indicates that a FLYDOG repeater can be added to extend the range.

5. Operating Instructions

Once paired, operating the S1 transmitter is straightforward.

1. **To Place a Call:** Press the "CALL" button firmly. The red indicator light on the transmitter will illuminate briefly, confirming that a signal has been sent.
2. The paired receiver unit will then display the transmitter's ID and/or emit an alert, notifying staff of the service request.



Image: A close-up of a finger pressing the "CALL" button on the S1 transmitter. The red indicator light is visible.

5.1 Range Extension

The effective range of the wireless signal can be extended by incorporating a BYHUBYENG repeater (sold separately) into your system. This is useful for larger establishments or areas with signal obstructions.



Image: A diagram illustrating how a repeater extends the signal range. A transmitter sends a signal up to 30m to a repeater, which then relays the signal up to 500m (or across 3 floors) to a receiver. The image also shows a wrist receiver, charging method, Japanese instruction manual, and USB charger.

6. Maintenance

6.1 Cleaning

Wipe the transmitter with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the surface.

6.2 Water Resistance

The S1 transmitter features a surface waterproof design, allowing it to withstand minor splashes. However, it is not fully waterproof. **Do not immerse the device in water or expose it to heavy rain.**

6.3 Battery Replacement

The S1 transmitter uses two CR1632 lithium metal batteries. When the battery is low, the indicator light may become dim or the signal transmission may become unreliable. To replace the batteries:

1. Carefully remove the back cover of the transmitter. This may involve unscrewing small screws or prying open a snap-fit cover.
2. Remove the old CR1632 batteries.
3. Insert two new CR1632 batteries, ensuring correct polarity (+/-).
4. Replace the back cover securely.



Image: A diagram showing the back of the S1 transmitter with screws and the internal battery compartment. It illustrates the steps for battery replacement: 1. Loosen screws. 2. Remove old batteries and insert new ones. The image confirms the use of two CR1632 batteries.

7. Troubleshooting

- **Transmitter not sending signal:**
  - Check if the battery is depleted. Replace if necessary (refer to Section 6.3).
  - Ensure the button is pressed firmly.
  - Verify that the transmitter is within range of the receiver or repeater.
- **Receiver not responding to transmitter:**
  - Confirm the transmitter is properly paired with the receiver (refer to Section 4).
  - Check the receiver's power supply and ensure it is functioning correctly.
  - Reduce the distance between the transmitter and receiver, or consider adding a repeater.
  - Check for strong interference sources nearby. The system has strong anti-interference capabilities, but extreme conditions can affect performance.
- **Short signal range:**

- Obstructions like thick walls or metal structures can reduce range.
- Consider installing a BYHUBYENG signal repeater to extend the operational distance.

8. Specifications

Feature	Specification
Model	S1 (CS-S1)
Brand	BYHUBYENG
Type	Wireless Call Button Transmitter
Dimensions (Diameter x Height)	60 mm x 9 mm
Weight	22 g
Battery Type	CR1632 Lithium Metal (x2)
Water Resistance	Surface splash-proof (not submersible)
Compatibility	BYHUBYENG receivers (200E, 200D, 300S-Q, 300L, 400D-JPU)
UPC	755419629419

9. Warranty and Support

For warranty information and technical support, please refer to the official BYHUBYENG website or contact your retailer. Keep your purchase receipt as proof of purchase.
For further assistance, you may visit the BYHUBYENG store on Amazon:BYHUBYENG Store

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