Dpofirs SU-620, SU-A01

Wireless Calling System User Manual

Model: SU-620 Display Receiver & SU-A01 Button Transmitter

Brand: Dpofirs

1. Introduction

Thank you for choosing the Dpofirs Wireless Calling System. This system is designed to provide efficient and reliable communication in various environments such as restaurants, hotels, bars, factories, and workshops. It features advanced RF wireless technology for stable performance and long-range reception.

Package Contents:

- 1 x Display Receiver (SU-620)
- 1 x User Manual
- 1 x Power Adapter
- 30 x Button Transmitters (SU-A01)
- 30 x Stickers

2. Specifications

Display Receiver (Model: SU-620)

Parameter	Value
Operating Frequency	433.92 MHz

Material	ABS
Operating Voltage	DC5V
Working Current	100mA ± 10mA
Receiving Sensitivity	-110 dBm
Decoding	Learning Code
Waterproof Rating	IPX4
Working Temperature	-20 ℃ ~ 60 ℃

Button Transmitter (Model: SU-A01)

Parameter	Value
Operating Frequency	433.92 MHz
Battery Model	23A12V
Battery Capacity	60 mAh
Emission Current	10 mA ± 3 mA
Standby Current	<1uA
Open Distance	>500 m
Key Lifespan	1 million times
Waterproof Rating	IPX4
Working Temperature	-20 ℃ ~ 60 ℃
Function	One Touch: Call

3. Setup Instructions

3.1 Initial Setup of Display Receiver (SU-620)

1. **Power Connection:** Connect the provided power adapter to the DC5V input port on the side of the display receiver. Plug the adapter into a standard electrical outlet. The display will power on automatically.
2. **Antenna Adjustment:** Extend the antenna on the top of the receiver for optimal signal reception.
3. **Placement:** Place the receiver in a central location where it can be easily seen and heard by staff. Ensure it is within the effective range of the button transmitters (up to 500m in open distance).



Figure 3.1: Front view of the SU-620 Display Receiver.



Figure 3.2: Back view of the SU-620 Display Receiver with stand.



Figure 3.3: Side view of the SU-620 Display Receiver showing control buttons.

3.2 Pairing Button Transmitters (SU-A01)

The system supports up to 400 pagers. Follow these steps to add or remove button transmitters:

1. **Enter Function Menu:** Press the **FUN** button on the side of the receiver to enter the function menu.

2. **Navigate to Add Pager:** Use the **UP** or **DOWN** buttons to navigate to **F1-1 (Add Pager Options)**.
3. **Confirm Selection:** Press the **ENT** button to confirm. The display will prompt you to press a button on the transmitter.
4. **Activate Transmitter:** Press the call button on the SU-A01 transmitter you wish to pair. The receiver will register the transmitter.
5. **Repeat:** Repeat for all desired transmitters.
6. **Exit:** Press **FUN** again to exit the menu.

To delete a pager, navigate to **F1-2 (Delete Pager Option)** and follow the on-screen instructions.





Figure 3.4: SU-A01 Button Transmitter.

4. Operating Instructions

4.1 Receiver Button Functions

- **FUN (Function Key):** Enters/exits the function menu.
- **ENT (Confirm Key):** Confirms selections within the menu.
- **DOWN (Down Button):** Navigates down through menu options or decreases values.
- **MOVE (Left and Right Buttons):** Used for navigating between digits or options in certain settings.
- **UP (Up Key):** Navigates up through menu options or increases values.

4.2 Function Options (Accessed via FUN button)

- **F1-1: Add Pager Options:** Used to pair new button transmitters to the system.
- **F1-2: Delete Pager Option:** Used to unpair existing button transmitters.
- **F2-1: Add Remote Control Option:** (Specific to advanced configurations, refer to detailed manual if applicable).
- **F2-2: Delete Remote Control Option:** (Specific to advanced configurations, refer to detailed manual if applicable).
- **F3-1: Cycle Number Option:** Set to 0 to display the current call. Numbers 1-15 represent the count of recent calls displayed.
- **F3-2: Last Stay Display Duration:** Adjusts the duration (1 to 99 seconds) for which a call number remains on the display.
- **F3-3: Cycle Interval:** Sets the interval (1 to 99 seconds) between displaying different call numbers in a cycle.
- **F3-4: Model Report Option:** (Specific to advanced configurations, refer to detailed manual if applicable).
- **F4-1: Single-key and Multi-key Options:** '1' for single-key operation (one button press), '4' for multi-key operation (multiple button presses for different functions).

4.3 General Operation

- **Receiving Calls:** When a button transmitter is pressed, its unique ID will appear on the display receiver. The receiver will also emit an audible alert.
- **Volume Adjustment:** The receiver features 30 levels of digital control volume. Adjust using the appropriate menu option (not explicitly listed in F-options, typically a dedicated setting or combined with UP/DOWN outside menu).
- **Call Button Naming:** The system allows naming call buttons starting with ABCDEF for easier identification. This is typically configured during the pairing process or via a specific menu option.

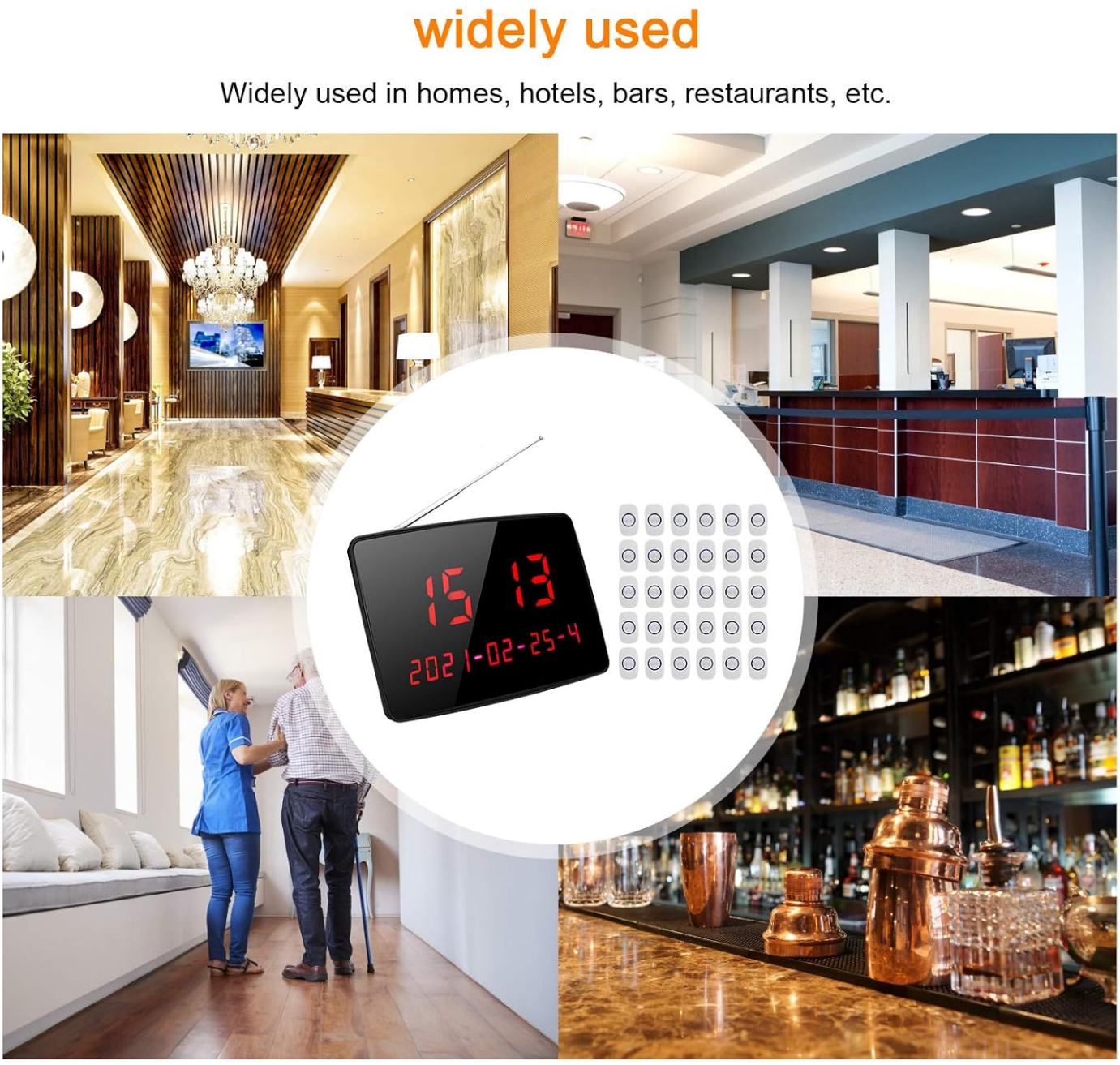

Figure 4.1: The Wireless Calling System is widely used in various establishments.



Figure 4.2: The system features 30 levels of adjustable volume.



Figure 4.3: Call buttons can be named for easy identification.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the display receiver and button transmitters. Do not use abrasive cleaners or solvents.
- **Water Exposure:** Both the receiver and transmitters have an IPX4 waterproof rating, meaning they are resistant to splashing water. Avoid submerging them in water or exposing them to heavy rain.
- **Battery Replacement (SU-A01 Transmitter):** The button transmitters use a 23A12V battery. When the transmission range decreases or the button becomes unresponsive, replace the battery. To replace, carefully open the transmitter casing, remove the old battery, and insert a new one, ensuring correct polarity.
- **Storage:** If storing the system for an extended period, disconnect the power adapter from the receiver and consider removing batteries from transmitters to prevent leakage. Store in a cool, dry place.

6. Troubleshooting

Problem	Possible Cause	Solution
Display receiver does not power on.	Power adapter not connected or faulty.	Ensure power adapter is securely connected to both the receiver and a working power outlet. Try a different outlet.
Transmitter button press not registered by receiver.	Transmitter not paired; out of range; low battery.	Ensure transmitter is paired (see Section 3.2). Move transmitter closer to receiver. Replace transmitter battery.
Display shows incorrect time/date.	Time/date not set or reset after power loss.	Refer to the receiver's menu options (not explicitly detailed in F-options, typically a separate setting) to adjust time and date.
Call numbers cycle too quickly/slowly.	Cycle interval setting is incorrect.	Adjust **F3-3 (Cycle Interval)** in the function menu.
Volume is too low/high.	Volume setting needs adjustment.	Adjust the digital volume control (refer to receiver's general settings, not explicitly detailed in F-options).

7. Warranty Information

Please refer to the warranty card included with your product or contact your retailer for specific warranty terms and conditions. Dpofirs products are typically covered by a limited warranty against defects in materials and workmanship from the date of purchase.

8. Customer Support

For technical assistance, troubleshooting beyond this manual, or inquiries about replacement parts, please contact Dpofirs customer support through the retailer where you purchased the product or visit the official Dpofirs website for contact information.

Online Resources:

- For more information about Dpofirs products, visit the Dpofirs Brand Store on Amazon.

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