DAYTECH TY01-CC02

DAYTECH WiFi Caregiver Call Bell System

Model: TY01-CC02

1. PRODUCT OVERVIEW

The DAYTECH WiFi Caregiver Call Bell System is designed to provide reliable and real-time assistance for individuals requiring care, such as the elderly, patients, or children. This system ensures that caregivers, whether in the same household or remotely, are immediately notified when assistance is needed. It combines a physical receiver unit with a wearable SOS button and integrates with a smartphone application for enhanced monitoring and control.

Figure 1: Main components of the DAYTECH WiFi Caregiver Call Bell System, including the receiver, SOS button, and a smartphone showing the Tuya Smart app interface.

2. SYSTEM COMPONENTS

- **Receiver Unit:** The main unit that plugs into a power outlet. It emits an audible alert and flashes an LED light upon receiving a signal from the SOS button. It connects to your home's 2.4GHz WiFi network.

- **SOS Button (Transmitter):** A compact, wearable device that sends an alert signal to the receiver unit and connected smartphones when pressed. It can be worn as a wristband or hung around the neck. Features a low battery indicator.

- **Tuya Smart App:** A dedicated smartphone application (available for iOS and Android) that allows for remote monitoring, system configuration, and receiving notifications from the call bell system.

- **Accessories:** Includes double-sided tape for mounting the SOS button.

使用が簡単で、操作が便利です

ストラップで首に掛ける

ネジを使用した壁の取り付け

両面テ-プを使用した壁の取り付け

Figure 2: The SOS button can be worn around the neck or mounted on a wall using screws or the included double-sided tape for convenient access.

3. SETUP GUIDE

3.1 Initial Setup

1. **Power On the Receiver:** Plug the receiver unit into a standard electrical outlet. The LED indicator on the receiver will light up.

2. **Install Tuya Smart App:** Download the "Tuya Smart" application from your smartphone's app store (Google Play Store for Android or Apple App Store for iOS).

3. **Create an Account:** Open the Tuya Smart app and register for a new account or log in if you already have one.

3.2 Connecting the Receiver to the App

Ensure your smartphone is connected to a 2.4GHz WiFi network. The system does not support 5GHz networks during the pairing process. If your router uses 5GHz, temporarily switch to 2.4GHz for pairing, then you can switch back.

1. **Enter Pairing Mode:** On the receiver unit, press and hold the "SET" button for 5-8 seconds until the

LED indicator starts blinking rapidly. This indicates it's in pairing mode.

2. **Add Device in App:** In the Tuya Smart app, tap "Add Device" or the "+" icon.

3. **Select Device Type:** Choose "Security & Sensor" or "Others" and then select "Caregiver Call Bell" or a similar option.

4. **Confirm Pairing Mode:** Follow the in-app prompts to confirm the receiver's LED is blinking rapidly.

5. **Enter WiFi Password:** Input your 2.4GHz WiFi network password when prompted.

6. **Connect:** The app will attempt to connect to the receiver. Once connected, the receiver's LED will stop blinking and remain solid, and the app will confirm successful pairing.

Figure 3: Visual guide for connecting the receiver unit to the Tuya Smart application on your smartphone.

3.3 Pairing SOS Button with Receiver

The SOS button is typically pre-paired with the receiver. If not, or if you are adding additional buttons:

1. **Enter Learning Mode:** On the receiver unit, briefly press the "SET" button once. The LED indicator will light up steadily.

2. **Press SOS Button:** Within 5 seconds, press the SOS button on the transmitter. The receiver will chime or flash to confirm successful pairing.

3. **Exit Learning Mode:** The receiver will automatically exit learning mode after a few seconds, or you can press the "SET" button again.

4. OPERATING INSTRUCTIONS

4.1 Initiating an Alert

- To send an alert, simply press the large "SOS" button on the transmitter.

- Upon pressing, the transmitter sends a signal to the receiver unit and simultaneously to all linked smartphones via the Tuya Smart app.

01

急コール：緊急コールボタンを
素早く押して、ケアスタッフに
知らせます。

02

警報ベル：家族がタイムリー
にSOS信号を受け取る

03

携帯電話通知：いつでも、
どこでも、遭難信号を
受信できる。

Figure 4: The alert process: (1) Pressing the SOS button, (2) Receiver unit alerts, (3) Smartphone notification.

4.2 Receiving Alerts

- **Receiver Unit:** The receiver will emit an audible chime and its LED light will flash.

- **Smartphone App:** All smartphones linked to the system via the Tuya Smart app will receive a push notification. This notification is real-time and works even when you are away from home, provided your smartphone has an internet connection (WiFi or mobile data).

Figure 5: The mobile app allows for remote alert notifications, enabling caregivers to respond even when away from home.

4.3 App Functions (Tuya Smart)

- **Ringtone Selection:** Choose from 38 different ringtones for the receiver unit.

- **Volume Adjustment:** Adjust the receiver's alert volume (5 levels available, including mute).

- **Device Management:** Add or remove additional SOS buttons or other compatible devices.

- **Notification Settings:** Configure app notifications, including "Do Not Disturb" mode.

- **Family Sharing:** Share device access with multiple family members, allowing everyone to receive alerts and manage settings.

Figure 6: The Tuya Smart app provides comprehensive control over the call bell system, including ringtone and volume settings.

5. MAINTENANCE

5.1 Battery Replacement (SOS Button)

The SOS button is powered by a CR2032 coin cell battery. When the battery is low, the LED indicator on the SOS button will flash to notify you. Replace the battery promptly to ensure continuous operation.

1. **Open the Casing:** Use a small screwdriver to carefully open the back casing of the SOS button.

2. **Remove Old Battery:** Gently remove the old CR2032 battery.

3. **Insert New Battery:** Insert a new CR2032 battery with the positive (+) side facing up.

4. **Close Casing:** Securely close the back casing.

Figure 7: Instructions for replacing the CR2032 battery in the SOS button.

5.2 Cleaning

- Wipe the receiver unit and SOS button with a soft, dry cloth.

- Do not use abrasive cleaners or immerse the devices in water.

6. TROUBLESHOOTING

6.1 Receiver Not Connecting to WiFi

- **Check WiFi Frequency:** Ensure your router is broadcasting a 2.4GHz WiFi signal. The device does not support 5GHz networks for initial pairing. If your router is dual-band, temporarily disable the 5GHz band or ensure your phone is connected to the 2.4GHz band during setup.

- **Router Proximity:** Place the receiver closer to your WiFi router during the setup process.

- **Router Reboot:** Try restarting your WiFi router.

- **App Reinstallation:** Uninstall and reinstall the Tuya Smart app.

- **Network Stability:** Ensure your WiFi network is stable. Unstable networks can affect device addition.

Figure 8: Common troubleshooting steps for WiFi connectivity problems.

6.2 SOS Button Not Triggering Alert

- **Battery Check:** Verify the SOS button's battery. If the LED indicator is flashing, replace the battery.

- **Pairing:** Ensure the SOS button is properly paired with the receiver unit. Refer to Section 3.3 for pairing instructions.
- **Range:** Check if the SOS button is within the effective wireless transmission range of the receiver (up to 150m in open areas, 0-70m indoors with obstacles).

Figure 9: Wireless transmission range of the DAYTECH system, indicating varying distances depending on environmental factors.

6.3 No Smartphone Notifications

- **App Permissions:** Ensure the Tuya Smart app has permission to send notifications on your smartphone.
- **Internet Connection:** Verify your smartphone has an active internet connection (WiFi or mobile data).
- **App Settings:** Check notification settings within the Tuya Smart app to ensure they are enabled.
- **Background App Refresh:** For iOS, ensure "Background App Refresh" is enabled for the Tuya Smart app. For Android, ensure the app is not restricted by battery optimization settings.

7. SPECIFICATIONS

Feature	Detail
Model Number	TY01-CC02
Connectivity	2.4GHz WiFi
SOS Button Battery	CR2032 Coin Cell (1 required)
Receiver Power	AC Plug-in
Wireless Range	Up to 150 meters (open area), 0-70 meters (indoor with obstacles)
Receiver Dimensions	Approx. 10.8 x 8.3 x 7.9 cm
Product Weight	Approx. 160 g
App Compatibility	Tuya Smart (iOS & Android)
Ringtone Options	38 melodies
Volume Levels	5 levels (including mute)

8. WARRANTY AND SUPPORT

The DAYTECH WiFi Caregiver Call Bell System comes with an 18-month warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.
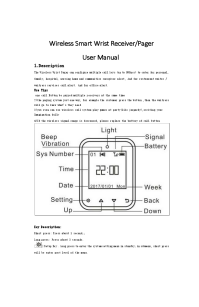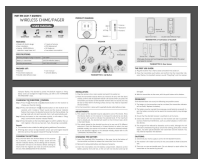
If you encounter any issues or require technical assistance, please contact DAYTECH customer support. Provide your model number (TY01-CC02) and a detailed description of the problem for prompt assistance.

For support, please visit the official DAYTECH store on Amazon or refer to the contact information provided with your product packaging.

Online Store: DAYTECH Official Store on Amazon.co.jp

Related Documents - TY01-CC02

	Wireless Smart Wrist Pager User Manual and Guide This user manual provides detailed instructions and specifications for the Wireless Smart Wrist Receiver/Pager, covering setup, operation, troubleshooting, and technical details for the SW06 model.
	Daytech Wireless Chime/Pager User Manual - INST-EN-CC01-T-20230214 Comprehensive user manual for the Daytech Wireless Chime/Pager (INST-EN-CC01-T-20230214), covering features, specifications, installation, operation, troubleshooting, and maintenance.

MULTIFUNCTIONAL PAGER	**Multifunctional Pager Operation Instruction and User Guide** Comprehensive user manual for the Multifunctional Pager, detailing its appearance, power-on procedures, pairing with the SOS button, mobile app connectivity (Tuya Smart/Smart Life), app operations including alarm settings and device management, installation guidance, specifications, troubleshooting Q&A, and after-sales service information.
Wireless paging system Manual	**Daytech P400 Wireless Paging System User Manual** This user manual provides comprehensive instructions for the Daytech P400 wireless paging system, covering its features, operation, setup, and technical specifications for efficient restaurant and service queue management.
	Daytech E-05W Wrist Call Button User Guide and Compliance User manual for the Daytech E-05W Wrist Call Button (Model: E-05W-GY), covering product overview, battery replacement, operation, and FCC/ISED compliance information.
Operating Instructions	**WT07-US Two Way Radio Operating Instructions** Operating instructions for the WT07-US two way radio, covering basic operation, key functions, voice annunciation, low battery warnings, and advanced features like VOX and Scrambler/Compandor.