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› Daytech WiFi Tuya Elderly Alert System User Manual

## DAYTEE TY01

# Daytech WiFi Tuya Elderly Alert System User Manual

Model: TY01 | Brand: DAYTEE

## INTRODUCTION

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The Daytech WiFi Tuya Elderly Alert System is designed to provide peace of mind for caregivers and safety for elderly individuals. This system allows for quick emergency calls with a single button press, sending alerts to designated mobile phones via the Tuya APP. It features low battery alerts, scalability for multiple devices, and customizable settings. This manual provides detailed instructions for setup, operation, and maintenance of your device.



Figure 1: Overview of the Daytech WiFi Tuya Elderly Alert System components and app interface.

## PACKAGE CONTENTS

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Please verify that all items are present in your package:

- 1 x Receiver Unit
- 1 x Push Button (Pendant or Wristband, depending on package)
- 1 x Wristband (if included in package)
- 1 x CR2 Battery (pre-installed or included separately)
- User Manual (this document)

## SETUP GUIDE

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### 1. Initial Power-Up

Ensure the receiver unit is connected to a power source. The push button and wristband come with pre-installed CR2032

batteries. If not, install the CR2 battery into the main receiver unit and the CR2032 battery into the SOS buttons as shown in Figure 2.



Figure 2: Replaceable CR2032 battery for the SOS button/wristband.

## 2. App Installation and Pairing (Tuya Smart / Smart Life App)

The system requires the Tuya Smart or Smart Life app for full functionality and remote notifications. Follow these steps to connect the receiver to the app:

1. **Step 1:** Download the Tuya Smart or Smart Life APP from your mobile app store. Activate Bluetooth and Wi-Fi on your smartphone.
2. **Step 2:** On the receiver unit, press and hold the "Up" button for 5-8 seconds to enter pairing mode. The indicator light will flash.
3. **Step 3:** Open the Tuya APP. If no device is detected, tap "Add Device". The app should automatically detect the new device.
4. **Step 4:** Tap on the detected device to proceed with pairing.
5. **Step 5:** Enter your 2.4GHz Wi-Fi network password when prompted. The device requires a 2.4GHz Wi-Fi

connection.

6. **Step 6:** Once the Wi-Fi connection is successful, the device will be added to your app.



Figure 3: App connection steps 1-4.



Figure 4: App connection steps 5-6.

## OPERATING INSTRUCTIONS

### 1. Emergency Call Function

When assistance is needed, the user simply presses the SOS button on the wristband or pendant. The receiver unit will sound an alarm, and an immediate notification will be sent to all linked mobile phones via the Tuya APP.



Figure 5: Emergency call process and notification.

## 2. App Functions and Settings

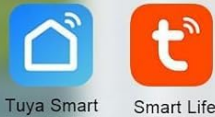
The Tuya APP allows for various customizations and monitoring:

- **Ringtone and Volume:** You can remotely adjust the ringtone and volume of the receiver unit through the app. There are 38 different ringtones to choose from.
- **Do Not Disturb Mode:** Set a "Do Not Disturb" mode via the app to manage notifications.
- **Message Sharing:** Add multiple devices and users to the Tuya APP to share alert messages with several people. If one person presses the panic button, all linked smartphones will receive the message simultaneously.
- **Low Battery Alert:** The receiver unit's LED indicator will illuminate when the battery is low, and a notification will be sent to your mobile phone via the app.

# Llamador inalámbrico WiFi



- 1 Regolazione remota della suoneria, del volume e di altre funzioni tramite Tuya APP.
- 2 inviare un messaggio di notifica al telefono cellulare tramite Tuya APP quando squilla.
- 3 La modalità non disturbare può essere impostata tramite Tuya APP.
- 4 38 tipi di suonerie, gli utenti possono scegliere la loro musica preferita come suoneria.



WiFi:2.4GHz

Figure 6: Tuya App interface for settings.

## 3. Range and Connectivity

The system offers a significant transmission range and global connectivity:

- **Transmission Range:** The SOS buttons can transmit signals to the receiver unit up to 150 meters (492 feet) in open areas. Within a typical home environment, the range is approximately 20m (66ft) for direct line of sight, 50m (160ft) through one wall, and 70m (230ft) through multiple walls.
- **Wi-Fi Connectivity:** The receiver connects to your home's 2.4GHz Wi-Fi network. As long as the receiver is within Wi-Fi range, the Tuya APP can receive signals anywhere in the world where your smartphone has internet access.

# Transmisión a una distancia de hasta 150 m

Siempre que el receptor esté dentro del alcance del Wi-Fi, la aplicación puede recibir la señal en cualquier momento y lugar.



Figure 7: Transmission range within a home environment.

# Las aplicaciones móviles no tienen límites de distancia

Recibe notificaciones de alarma estés donde estés



En casa  
>>>>



2.4GHz WIFI  
>>>>



En cualquier parte  
del mundo  
>>>>



Figure 8: Global notification capability via Wi-Fi and smartphone app.

## MAINTENANCE

### 1. Battery Replacement

The SOS buttons (wristband and pendant) use CR2032 coin cell batteries. The main receiver unit uses a CR2 battery. When the low battery alert is triggered (LED indicator on receiver, app notification), replace the battery promptly to ensure continuous operation. Refer to Figure 2 for battery type and location in the SOS button.

- **For SOS Buttons:** Use a small screwdriver or coin to open the battery compartment, remove the old CR2032 battery, and insert a new one with the positive (+) side facing up.
- **For Receiver Unit:** Locate the battery compartment, remove the old CR2 battery, and insert a new one according to the polarity markings.

### 2. Cleaning and Care

To maintain the performance and longevity of your device:

- Wipe the devices with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep the devices away from excessive moisture, direct sunlight, and extreme temperatures.
- The SOS buttons are IP55 waterproof, meaning they are protected against dust and low-pressure water jets. However, they are not designed for submersion.

## TROUBLESHOOTING

If you encounter issues with your Daytech Elderly Alert System, please refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Receiver not alarming / No app notification.	SOS button battery is low or dead. Receiver not powered on. Receiver not connected to Wi-Fi. App notifications are disabled. SOS button out of range.	Replace SOS button battery. Ensure receiver is plugged in and powered. Check Wi-Fi connection in the app. Re-pair if necessary. Enable notifications for the Tuya/Smart Life app in your phone settings. Move SOS button closer to the receiver.
Cannot connect receiver to Tuya APP.	Incorrect Wi-Fi password. Not a 2.4GHz Wi-Fi network. Receiver not in pairing mode. Weak Wi-Fi signal.	Double-check Wi-Fi password. Ensure you are connecting to a 2.4GHz Wi-Fi network. 5GHz is not supported. Press and hold the "Up" button on the receiver for 5-8 seconds until the indicator flashes. Move receiver closer to your Wi-Fi router.
Low battery alert constantly active.	Battery needs replacement. Faulty battery.	Replace the battery in the SOS button or receiver. Try a new, fresh battery from a reputable brand.

## SPECIFICATIONS

Feature	Detail
Model Number	TY01
Brand	DAYTEE
Color	White
Product Dimensions (Receiver)	8 x 6 x 8 cm (3.15 x 2.36 x 3.15 inches)
Product Weight	230 g (0.51 lbs)

Feature	Detail
Power Source	Battery (Receiver: 1x CR2; SOS Buttons: 1x CR2032 each)
Voltage	12 Volts (DC)
Noise Level (Alarm)	110 dB
Mounting Type	Wall Mount
Sensor Technology	Contact Sensor (for button press)
Wireless Connectivity	2.4GHz Wi-Fi (for receiver)
Compatible Devices	Smartphone (via Tuya Smart / Smart Life App)
Transmission Range	Up to 150m (open area)
Waterproof Rating (SOS Buttons)	IP55

## WARRANTY AND SUPPORT

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DAYTEE is committed to providing high-quality products and excellent customer service.

### Warranty Information

Your Daytech Elderly Alert System comes with a 30-day unconditional return service. Please refer to your purchase platform for specific warranty terms and conditions.

### Customer Support

For any questions, technical assistance, or support needs, DAYTEE provides 24-hour online service and free lifetime after-sales support. Please contact us through the messaging system of your purchase platform or refer to the contact information provided with your product packaging.