

DAYTECH 1 Receiver + 2 Wrist Watch Transmitters

DAYTECH Care Call Bell Wireless System User Manual

Model: 1 Receiver + 2 Wrist Watch Transmitters

1. INTRODUCTION

The DAYTECH Care Call Bell Wireless System is designed to provide convenient and reliable assistance for caregivers and those in need of care. This system allows individuals to easily alert their caregiver from another room, reducing the need for constant supervision and providing peace of mind. It is ideal for the elderly, patients, pregnant women, and individuals with disabilities, ensuring quick contact in case of an emergency.



Figure 1.1: DAYTECH Care Call Bell System Components

2. PRODUCT FEATURES

- **Easy Operation:** Simply press the call button to send an alert to the receiver. The soft button design is easy to press for all users.
- **Plug-in Receiver with Night Light:** The AC-powered receiver plugs directly into a wall outlet and includes a convenient night light feature, useful during nighttime.
- **Wide Range:** The system offers a maximum reception range of 100 meters (328 feet) in open areas, easily covering multiple floors in a home.
- **Portable Wristwatch Transmitters:** Two wristwatch-style call buttons are included, allowing users to wear them for easy access and portability. *Note: The transmitters are NOT waterproof.*
- **Customizable Alerts:** Choose from 55 different melodies and adjust the volume across 5 levels, from mute (0dB) up to 110dB. The receiver's LED light flashes when an alert is received.
- **Expandable System:** The receiver can be paired with up to 55 transmitters, and each transmitter can operate multiple

receivers, allowing for flexible system expansion.



Figure 2.1: Customizable Melodies and Volume Levels



Figure 2.2: Wireless Signal Range and Coverage

3. PACKAGE CONTENTS

Please check the package contents upon unboxing:

- 1 x AC Plug-in Receiver
- 2 x Wrist Watch Transmitters (each with 1 CR2032 battery installed)
- 1 x English User Manual

4. SETUP GUIDE

4.1 Initial Setup and Pairing

The receiver and transmitters are pre-paired from the factory. If re-pairing is needed or if you wish to change the melody, follow these steps:

1. Plug the receiver into a standard AC power outlet.
2. On the receiver, press the Forward or Backward button (located on the side) to select your desired melody.
3. Long press the volume button on the receiver until you hear a "ding-dong" sound, indicating it has entered pairing mode.
4. Immediately press the call button on the transmitter. You will hear a "ding" sound from the receiver, confirming successful pairing.

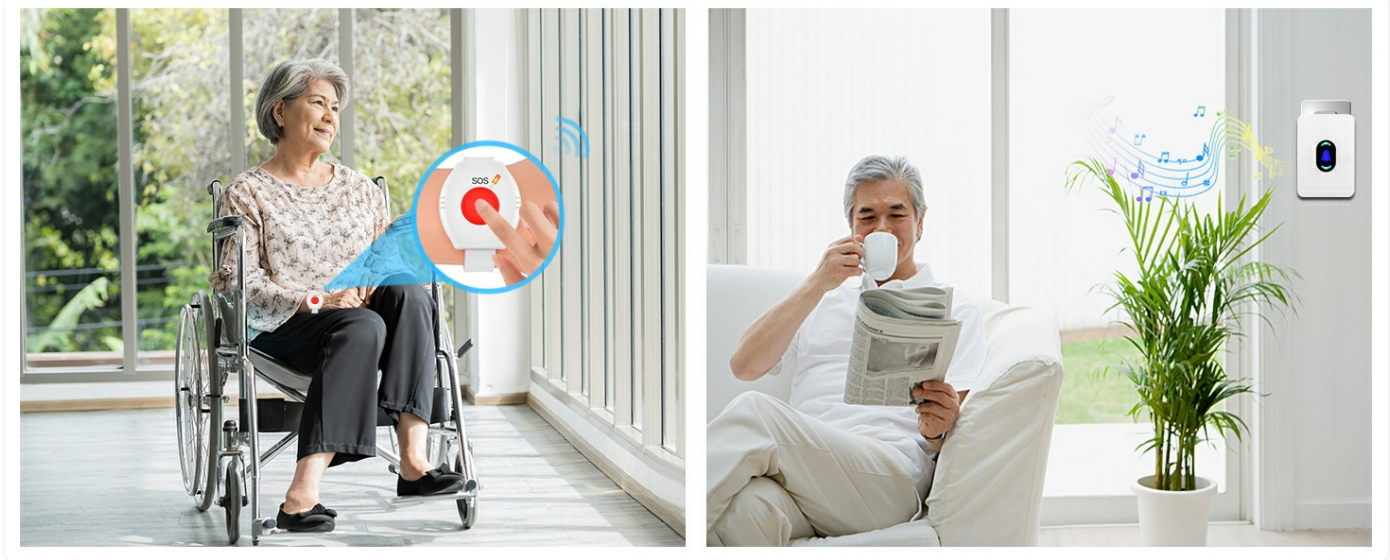


Figure 4.1: Changing Receiver Melody and Pairing

4.2 Night Light Function

The receiver features a night light. To control it:

- Press and hold the backward button (middle button on the side) on the receiver for 5 seconds to switch the night light ON or OFF.

ナイトライトのスイッチ オン/オフ

受信機のバックワードボタン（真ん中のボタン）
が5秒押してスイッチオン/オフを制御します

バックワード



Figure 4.2: Night Light Switch and Product Dimensions

5. OPERATING INSTRUCTIONS

Once the system is set up and paired, operation is straightforward:

- **To Send an Alert:** Simply press the large red button on the wristwatch transmitter.
- **Receiving an Alert:** The receiver will play the selected melody and its LED light will flash.
- **Volume Adjustment:** Use the volume buttons on the side of the receiver to increase or decrease the alert volume.



DAYTECH 介護呼び鈴

介護者は常に世話人の周りにはいる必要はありません。世話人はキッチンで料理をしたり、急に事故が発生するときに心配なく、家事、料理、仕事が楽にできます。
人生は良くなります

Figure 5.1: Caregiver and Patient Interaction with the System



Figure 5.2: Everyday Use Scenarios

6. MAINTENANCE

6.1 Cleaning

Wipe the receiver and transmitters with a soft, dry cloth. Do not use abrasive cleaners or immerse the devices in water.

6.2 Transmitter Battery Replacement

The wristwatch transmitters are powered by a CR2032 coin cell battery. When the signal becomes weak or the transmitter stops working, it's time to replace the battery.

1. Using a small screwdriver, unscrew the 4 screws on the back of the transmitter.
2. Carefully open the casing and remove the internal PCB (Printed Circuit Board).
3. Locate the CR2032 battery on the back of the PCB. Remove the old battery and insert a new CR2032 battery, ensuring correct polarity.

4. Reassemble the transmitter, ensuring the PCB is correctly seated and the screws are tightened.



Figure 6.1: Transmitter Battery Replacement Steps

7. TROUBLESHOOTING

If you encounter issues with your DAYTECH Care Call Bell system, please refer to the following common solutions:

Problem	Possible Cause	Solution
Receiver does not sound/flash.	Receiver not plugged in or no power. Transmitter battery is low or dead. Transmitter is out of range. Receiver and transmitter are not paired.	Ensure receiver is securely plugged into a working AC outlet. Replace the CR2032 battery in the transmitter. Move transmitter closer to the receiver. Re-pair the transmitter and receiver (refer to Section 4.1).
Short reception range.	Obstacles (thick walls, metal objects) interfering with signal. Other wireless devices causing interference.	Relocate the receiver to a more central location or away from large metal objects. Ensure there are no major obstructions between the transmitter and receiver. Minimize interference from other wireless devices if possible.
Button on transmitter requires too much force.	Possible manufacturing variation or internal component issue.	Ensure the button is pressed firmly and directly. If the issue persists and affects usability, please contact customer support for assistance under warranty.

8. SPECIFICATIONS

Feature	Detail
Model Number	E-01 2-1 JP
Power Source (Receiver)	AC Power Cord
Battery (Transmitter)	1 x CR2032 (included)
Receiver Dimensions (H x W x D)	9.5 cm x 6.5 cm x 2 cm (3.74 in x 2.56 in x 0.79 in)
Receiver Weight	75 g (2.65 oz)
Transmitter Dimensions (L x W)	5 cm x 4.5 cm (1.97 in x 1.77 in) - Total length 26.7 cm (10.5 in)
Transmitter Weight	50 g (1.76 oz)
Wireless Range	Up to 100 meters (328 feet) in open areas

Feature	Detail
Melodies	55 selectable
Volume Levels	5 (0dB to 110dB)
Mounting Type	Plug-in
Sensor Technology	Contact Sensor
UPC	779584901873



Figure 8.1: Product Dimensions Overview

9. WARRANTY AND SUPPORT

DAYTECH provides a **Lifetime Quality Guarantee** for this product from the date of purchase. If you encounter any issues during use, please do not hesitate to contact us. We are committed to providing prompt support and ensuring your complete satisfaction.

Our goal is to offer you peace of mind with our products and services.
For support, please refer to the contact information provided with your purchase or visit the official DAYTECH website.

