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Daytech E-01W

Daytech Wireless Caregiver Pager System User Manual

Model: E-01W

INTRODUCTION

The Daytech Wireless Caregiver Pager System is designed to provide a reliable and efficient way for patients, the elderly, or anyone needing assistance to alert their caregiver. This system enhances independence and offers peace of mind by ensuring help is just a button press away. It is suitable for use in private homes, hospitals, nursing homes, and other care environments.



Overview of the Daytech In-Home System with Watch Alarm.

PACKAGE CONTENTS

Your Daytech Wireless Caregiver Pager System (2 watches + 2 receivers variant) package includes the following components:

- 2 x Wireless Wrist Pagers (Watch Call Buttons)
- 2 x Plugin Receivers
- Required 12V batteries for transmitters (pre-installed or included)



The main components of the Daytech Wireless Caregiver Pager System.

PRODUCT OVERVIEW

The system consists of two primary types of devices: the receiver and the call buttons (wrist pager and optional pendant call button). Each component plays a crucial role in the system's functionality.

Receiver: This unit plugs into a standard wall outlet and emits an audible alert and visual signal when a call button is pressed. It features volume control and buttons for selecting ringtones.

Watch Call Button (Wrist Pager): Worn on the wrist, this device allows the user to easily press a button to send an alert to the receiver. It is designed for comfort and accessibility.

Call Button (Pendant/Fixed): An additional, optional button that can be worn as a pendant or affixed to a wall (e.g., in a bathroom). It also sends an alert to the receiver when pressed.

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SETUP AND PAIRING

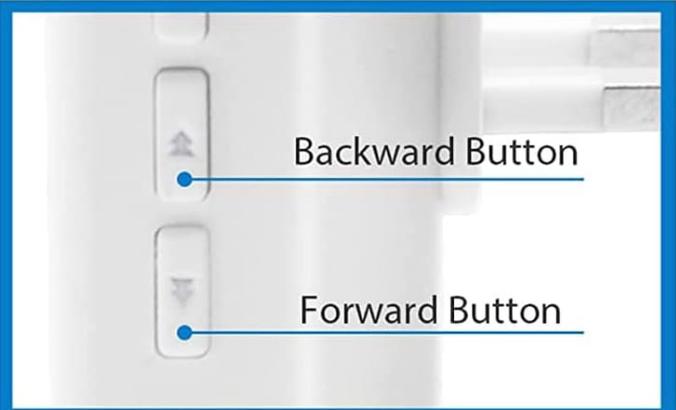
The Daytech Pager System comes ready-to-use with factory settings. However, you can customize ringtones and pair additional transmitters if needed. Follow these steps for setup and pairing:

1. **Plug in the Receiver:** Insert the receiver into a standard wall socket.
2. **Select Ringtone:** On the receiver, press the "Forward" or "Backward" button to cycle through the 20 available ringtones. Choose your preferred melody.
3. **Enter Pairing Mode:** Press and hold the "Volume Control" button on the receiver until it makes a "ding-dong" sound. This indicates the receiver is in pairing mode.
4. **Pair Call Button:** While the receiver is in pairing mode, press the call button on the watch pager or the separate call button. The receiver will make another "ding-dong" sound, confirming successful pairing.
5. **Adjust Volume:** Use the volume control button on the receiver to set the desired alert volume. There are 5 volume levels available.

How to Modify the Ringtone/Pairing



Step 1. Plug the Receiver into the socket.



Step 2. Press the Forward or Backward Button to select your favorite ringtone.



Step 3. Press the Volume Control and hold it until hear a sound "ding-dong", it means the receiver get into pairing mode.



Step 4. Press the Call Button, hear the receiver makes a sound "ding-dong" that means the Receiver and the Call Button are paired.

Visual guide for modifying ringtones and pairing the system.

Call Button Installation (Optional Pendant/Fixed Button)

For the separate call button, you have two installation options:

- **Solution A: Attach Lanyard:** Thread the included lanyard through the designated loop on the call button for wear as a pendant.
- **Solution B: Wall Mounting:** Use the provided 3M double-sided adhesive patch to affix the call button to a flat surface, such as a bathroom wall or beside a bed.



Methods for installing the call button.

OPERATING INSTRUCTIONS

Using the Daytech Wireless Caregiver Pager System is straightforward:

- **To Send an Alert:** Simply press the large "SOS" button on the wrist pager or the "CALL" button on the pendant/fixed call button. This will immediately send a signal to the paired receiver(s).
- **Receiving an Alert:** When an alert is sent, the receiver will sound the selected ringtone and illuminate its LED light, notifying the caregiver.
- **Night Light Mode:** On the receiver, press and hold the middle button for 5 seconds to turn the night light on or off.



The watch pager is IP55 waterproof, easy to use, and portable.

The system offers a working range of up to 800 feet (90 meters), allowing caregivers to move freely around the house while remaining connected. The call button units are splash-proof (IP55 rated), making them suitable for use in bathrooms or other areas where splashes may occur. However, they cannot be immersed in water and should be removed before bathing or showering.

DAYTECH IN-HOME SYSTEM WITH WATCH ALARM



The system provides a simple one-press solution for summoning help.

APPLICATIONS AND BENEFITS

This wireless pager system is versatile and can be used in various scenarios to provide assistance and peace of mind:

- **Elderly Care:** Allows seniors to call for help without shouting, maintaining their dignity and independence.
- **Patient/Disabled Care:** Ideal for individuals with limited mobility or health conditions who may need immediate assistance.
- **Kids Care:** Can be used by children to alert parents or guardians in case of an emergency.
- **Pregnancy Care:** Provides a quick way for expectant mothers to call for help if needed.

RELIABLE & GIVE YOU SOME FREEDOM

The working distance between the watch button and the receiver is about 100 ft/30 m.



Elderly Care



Patient/Disable Care



Kids Care



Pregnancy Care

Diverse applications of the Daytech system for various care needs.

The system's portability and ease of use contribute to a more relaxed and free environment for both the person needing care and the caregiver.

More Relaxed & Free

With this helper, you can feel more at ease, sleep more soundly and do things freely



The system allows for greater freedom and peace of mind.

SPECIFICATIONS

Feature	Detail
Model Number	E-01W
Maximum Range	800 feet (90 meters)
Number of Ringtones	20
Volume Levels	5
Maximum Noise Level	110 dB
Control Method	Touch

Transmitter Power	2 x 12V batteries (included)
Receiver Power	Plugin (AC powered)
Water Resistance (Call Buttons)	IP55 (Splash-proof)
Product Dimensions (Receiver)	3.7 x 2.6 x 1.3 inches
Item Weight	9.1 ounces (total package)

Call Button Installation

Solution A: Attach lanyard on call button



Solution B: Using the 3M double-sided patch



Key specifications and features of the Daytech Pager System.

MAINTENANCE

To ensure the longevity and optimal performance of your Daytech Wireless Caregiver Pager System, follow these maintenance guidelines:

- **Cleaning:** Wipe the surfaces of the receiver and call buttons with a soft, dry cloth. Do not use abrasive cleaners or immerse any part of the system in water.
- **Battery Replacement:** The watch pagers and call buttons are powered by 12V batteries. While designed for long life, if you notice a decrease in range or responsiveness, it may be time to replace the batteries. Refer to the specific battery compartment for instructions on opening and replacing.
- **Storage:** If storing the system for an extended period, remove batteries from the call buttons to prevent leakage. Store in a cool, dry place.

TROUBLESHOOTING

If you encounter any issues with your Daytech Wireless Caregiver Pager System, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
---------	----------------	----------

Receiver does not sound when button is pressed.	<ul style="list-style-type: none"> ◦ Not paired correctly. ◦ Receiver unplugged or no power. ◦ Volume set to minimum. ◦ Transmitter battery low/dead. 	<ul style="list-style-type: none"> ◦ Re-pair the call button with the receiver (see Setup section). ◦ Ensure receiver is securely plugged into a working outlet. ◦ Increase receiver volume. ◦ Replace the battery in the call button/watch pager.
Limited range or intermittent alerts.	<ul style="list-style-type: none"> ◦ Obstructions (thick walls, metal objects). ◦ Interference from other wireless devices. ◦ Transmitter battery low. 	<ul style="list-style-type: none"> ◦ Relocate receiver or call button to minimize obstructions. ◦ Move system away from other electronics. ◦ Replace the battery in the call button/watch pager.
Receiver constantly beeps or makes unusual sounds.	<ul style="list-style-type: none"> ◦ Interference. ◦ Faulty unit. 	<ul style="list-style-type: none"> ◦ Unplug and replug the receiver. ◦ Contact customer support if the issue persists.

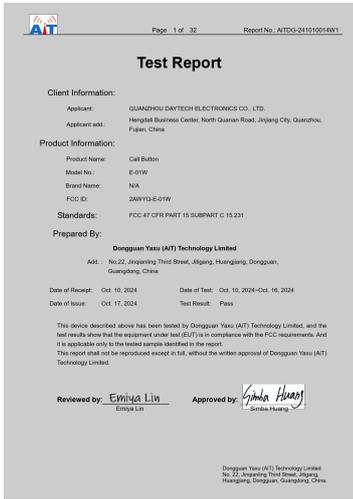
If the problem persists after trying these steps, please contact Daytech customer support for further assistance.

WARRANTY AND CUSTOMER SUPPORT

Daytech is committed to providing reliable products and excellent customer service. Your Daytech Wireless Caregiver Pager System comes with a full year's warranty and a money-back guarantee.

- **Warranty:** Enjoy a full year of warranty coverage from the date of purchase. This covers manufacturing defects and malfunctions under normal use.
- **Money-Back Guarantee:** If you are not completely satisfied with your purchase, you may be eligible for a money-back guarantee. Please refer to your purchase terms for details.
- **Customer Service:** Daytech provides round-the-clock customer service to assist you with any questions, setup issues, or troubleshooting needs.

For support, please visit the official Daytech website or contact their customer service team directly using the contact information provided with your product packaging.



[\[pdf\]](#) Test Report

Microsoft Word AiTDG 241010014W1 433 92 FCC ID Test Report y " QUANZHOU DAYTECH ELECTRONICS CO LTD E 01W 2AWYQ 2AWYQE01W e 01w

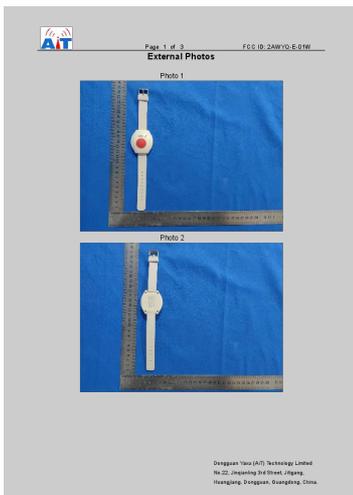
Page 1 of 32 Report No.: AiTDG-241010014W1 Test Report Client Information: Applicant: Applicant a ... TD. Hengdali Business Center, North Quanan Road, Jinjiang City, Quanzhou, Fujian, China Call Button **E-01W** N/A 2AWYQ-**E-01W** FCC 47 CFR PART 15 SUBPART C 15.231 Prepared By: Dongguan Yaxu AiT Technolo... lang:en score:28 filesize: 2.15 M page_count: 32 document date: 2024-10-24



[\[pdf\]](#) Product Photos Teardown

HD 271 S1 Allo Internal Photos QUANZHOU DAYTECH ELECTRONICS CO LTD E 01W 2AWYQ 2AWYQE01W e 01w

Page 1 of 4 Internal Photos Photo 1 FCC ID: 2AWYQ-**E-01W** Photo 2 Dongguan Yaxu AiT Technology Limited No.22, Jinqianling 3rd Street, Jitigang, Huangjiang, Dongguan, Guangdong, China. Page 2 of 4 Photo 3 FCC ID: 2AWYQ-**E-01W** Photo 4 Dongguan Yaxu AiT Technology Limited No.22, Jinqianling 3r... lang:tl score:23 filesize: 4.96 M page_count: 4 document date: 2024-10-22



[\[pdf\]](#) Product Photos

HD 271 S1 Allo External Photos QUANZHOU DAYTECH ELECTRONICS CO LTD E 01W 2AWYQ 2AWYQE01W e 01w

Page 1 of 3 External Photos Photo 1 FCC ID: 2AWYQ-**E-01W** Photo 2 Dongguan Yaxu AiT Technology Limited No.22, Jinqianling 3rd Street, Jitigang, Huangjiang, Dongguan, Guangdong, China. Page 2 of 3 Photo 3 FCC ID: 2AWYQ-**E-01W** Photo 4 Dongguan Yaxu AiT Technology Limited No.22, Jinqianling 3r... lang:tl score:23 filesize: 3.14 M page_count: 3 document date: 2024-10-22



Model: E-01W
Standby Current: less than 3uA
Alarm Current: less than 15mA
Wireless Transmitting Distance: less than 80m open area/ no-interfering
Wireless Transmitting Frequency: 433MHz
Case Material: ABS plastics
Operating Temperature: -10 -55 degrees
FCC ID: 2AWYQ-E-01W
This device complies with part 15 of the FCC Rules, provided that the conditions that this device may not cause harmful interference to this device may not cause harmful interference, and (2) this device may accept any interference received, including interference that may cause undesired operation. For changes or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment.
FCC: This statement has been verified and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment operates, uses and the output radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to other communications. However, there is no guarantee that interference will not occur in a particular installation.
If this statement does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.

[pdf] User Manual Instructions

User Manual QUANZHOU DAYTECH ELECTRONICS CO LTD E 01W 2AWYQ 2AWYQE01W e 01w Model: **E-01W** Standby Currents: less than 3uA Alarm Current: less than 15mA Wireless Transmitting Distance: less than 80m open area/ no-interfering Wireless Transmitting Frequency: 433MHz Case Material: ABS plastics Operating Temperature: -10 -55 degrees FCC This device complies with part 15 of the F...
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--- End ---

Dongguan Yaxu AIT Technology Limited
No.22, Jinqianling 3rd Street, Jitigang,
Huangjiang, Dongguan, Guangdong, China

[pdf] Product Photos

HD 271 S1 Allo Test Setup Photos QUANZHOU DAYTECH ELECTRONICS CO LTD E 01W 2AWYQ 2AWYQE01W e 01w
Test Setup Photo Radiated Emission Page 1 of 1 FCC ID: 2AWYQ-E-01W -----End----
-- Dongguan Yaxu AIT Technology Limited No.22, Jinqianling 3rd Street, Jitigang, Huangjiang, Dongguan, Guangdong, China. ...
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Label



FCC ID: 2AWYQ-E-01W

[pdf] Label

MODEL FRS itsasony hk FCC ID Label and location QUANZHOU DAYTECH ELECTRONICS CO LTD E 01W 2AWYQ 2AWYQE01W e 01w
Label FCC ID: 2AWYQ-**E-01W** ...
lang:en score:21 filesize: 673.81 K page_count: 1 document date: 2024-10-22

**CONFIDENTIALITY REQUEST
for Certification Service in USA**

Federal Communications Commission
Equipment Authorization Division, Application Processing Branch
7435 Oakland Mills Road
Columbia, MD 21046

Date: <2024-10-22>

Pursuant to Paragraphs 90.407 and 90.409 of the Commission's Rules (47 C.F.R.) and Section 552(b)(5) of the Freedom of Information Act, we request confidentiality for the following products:

File ID: 2AWYQ-E-01W Model name: E-01W

For the product stated above, we request that the following information be held confidential:

Exhibits	Long-Term Confidentiality	Short-Term Confidentiality	Short-Term Confidentiality Days
External Photos	<input type="checkbox"/>	<input type="checkbox"/>	
Internal Photos	<input type="checkbox"/>	<input type="checkbox"/>	
Block Diagram	<input type="checkbox"/>	<input type="checkbox"/>	
Schematics	<input type="checkbox"/>	<input type="checkbox"/>	
Test Setup Photos	<input type="checkbox"/>	<input type="checkbox"/>	
User's Manual	<input type="checkbox"/>	<input type="checkbox"/>	
Parts List	<input type="checkbox"/>	<input type="checkbox"/>	
Turn-Up	<input type="checkbox"/>	<input type="checkbox"/>	
Operational Descriptions	<input type="checkbox"/>	<input type="checkbox"/>	

The long-term confidentiality exhibits contain our trade secrets and proprietary information that could be of benefit to our competitors.

The short-term confidentiality on the basis of ensuring that business sensitive information remains confidential until the actual marketing of our new device.

If you have any questions, please feel free to contact me at the address shown below.

QUANZHOU DAYTECH ELECTRONICS CO., LTD.

Hengdai Business Center North Quanzhou Road, Jinjiang City Quanzhou Fujian, China

Federal Communications Commission
Authorization and Evaluation Division
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

2024-10-22

To whom it may concern:

We, **QUANZHOU DAYTECH ELECTRONICS CO., LTD.**, hereby certify that the equipment for which authorization is sought (FCC ID: 2AWYQ-E-01W) is not "covered" equipment prohibited from receiving an equipment authorization pursuant to § 2.903 of the FCC rules.

We also certify that, as of the date of the filing of the application, we are not identified on the Covered List (<https://www.fcc.gov/ipeds/coveredlist>) as an entity producing "covered" equipment.

By signing this form, we confirm the above and that we are aware of the application requirements listed under § 2.911(b) and (c)(3) and (f).

The information provided in this letter is based on the referenced rule parts of Title 47 of the CFR as well as KDB 886448 D01.

Sincerely,

Sally Yu

Signature
Sally Yu
NA
QUANZHOU DAYTECH ELECTRONICS CO., LTD.

[pdf] Confidentiality Request Letter

FCC Confidentiality request letter QUANZHOU DAYTECH ELECTRONICS CO LTD E 01W 2AWYQ

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Covered Equipment Attestation 2 911 d 5 i and ii QUANZHOU DAYTECH ELECTRONICS CO LTD E

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Antenna specifications

company name Dongguan Changping KuoDa Spring metals Products Factory
 company address NO.38,Shang Keng One Road,ChangPing,DongGuan,GuangDong,China

Specifications

Specifications	
Working Frequency Range	433MHz
Gain	0dBi
VSWR	≤1.8
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Impedance	50Ω
Operating Temperature	-40℃~85℃



Radius = 25mm



Frequency(MHz)	20 dBS		27 dBS		43 dBS	
	Min Value(dB)	Azimuth(dB)	Min Value(dB)	Azimuth(dB)	Min Value(dB)	Azimuth(dB)
433	0.78	324	0.51	353	0.00	352

[pdf] Specifications

callme Antenna Specification QUANZHOU DAYTECH ELECTRONICS CO LTD E 01W 2AWYQ 2AWYQE01W e 01w

Antenna specification company name:Dongguan Changping KuoDa Spring metals Products Factory company address:NO.38,Shang Keng One Road,ChangPing,DongGuan,GuangDong,China Specifications Specification Working Frequency Range 433MHz Gain 0dBi VSWR =1.8 Polarization Linrar Azimuth Beamwidth Om...

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