AD-5707/AD-5707-E/AD-5708

Splash-proof digital timer

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Instruction Manual

AD-5707/AD-5707-E   AD-5708
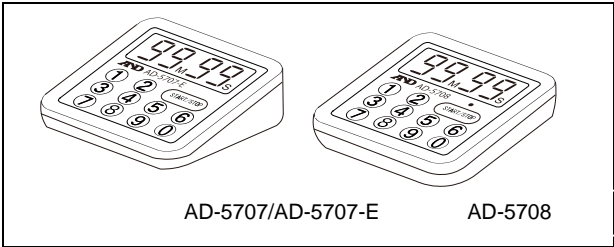
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1.　Introduction

This manual describes how the product, the AD-5707/AD-5707-E/AD-5708 (Splash-proof Digital Timer) works and how to get the most out of the product. Read this manual thoroughly before using the product and keep the manual at hand for future reference.

2. Safety Precautions

To prevent accidents due to inappropriate handling, this manual contains the following warning signs and marks. The meanings of these warning signs and marks are as follows.

⚠WARNING	This symbol indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury.
⚠CAUTION	This symbol indicates a potentially hazardous situation that, if not avoided, could result in personal injury or property damage. It may also be .used to alert the user about unsafe practices

⚠CAUTION

・Repair
Only qualified professionals should open the case and conduct repairs. Performing such repairs yourself may void the warranty, damage the product or otherwise cause loss of functionality.
・Product malfunction
If you discover any malfunctions, stop use of the product immediately, and contact the place of purchase or A&D for repairs.

3.　Precautions for Use

● Do not apply strong impacts, vibrations, or electrical shocks to the product as they may cause the product to malfunction.
● Avoid using the product in places where there are sudden changes in temperature, high temperature, high humidity, or high dust content.
● Although this product is splash-proof, it is not waterproof, so do not place in water or be washed with water.
● Do not open or disassemble the casing as this may cause the product to malfunction.
● If a battery with a low charge is inserted or the battery charge becomes low during use, a buzzer may suddenly sound when a button is pressed that cannot be stopped by pressing a button, or the display or buttons may not function properly. If such anomalies occurs, follow the procedure described in "8. Replacing battery" to replace the battery.
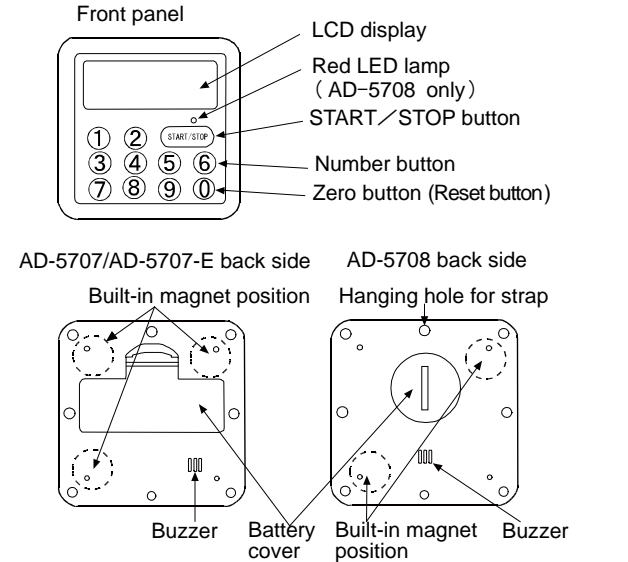
4.　Precautions for Handling Magnets

This product has a built-in magnet on the back. Please note the following when using.

⚠WARNING

It is extremely dangerous to allow this product to be near people using pacemakers or other electronic medical devices, as it may impair the normal operation of those devices and endanger human life.

5.　Part Names and Functions

Front panel

LCD display
Red LED lamp（AD-5708 only）
START／STOP button
Number button
Zero button (Reset button)

AD-5707/AD-5707-E back side   AD-5708 back side

Built-in magnet position   Hanging hole for strap

Buzzer   Battery cover   Built-in magnet position   Buzzer

6. Operations

This timer can be set to up to 99 minutes 99 seconds.
When not in use for about 10 minutes, the display will turns off and the product enters power saving mode. Press any button to return to normal mode.

Setting an alarm time

<e.g. 1. Setting the timer to "12:34".>
1. Press the number buttons in the following order: ①→②→③→④.
   12_M34_S is shown on the display.
2. Press the "START/STOP" to start the countdown. A beep will sound.
3. When the set alarm time elapses, a buzzer sounds for about 1 minute (2 beeps for 10 seconds, then 3 beeps for 20 seconds, then a constant beep for 30 seconds).
   (For AD-5708, the red LED lamp blinks as well.)
4. When the alarm stops, the display returns to 12_M34_S.

<e.g. 2. Setting the timer to "99:59".>
1. Press the number buttons in order of ⑨→⑨→⑤→⑨.
   99_M59_S appears on the display.
   Steps 2, 3 and 4 are the same as in e.g.1.

Stopping the buzzer

To stop the buzzer after the alarm time has passed, press any key including the "START/STOP" button. The buzzer will stop, and the set alarm time is displayed again.

Stopping the timer

To pause the timer, press the "START/STOP" button. The timer will be paused. Press the "START/STOP" button again to restart the timer.

Resetting the display

To return the display to its initial state of 00_M00_S, press and hold the 0 button for 2 seconds or more, or press the 0 button four times.

Changing the alarm time setting

If the timer is running, stop the timer and set a new alarm time with the number button.

Count-up function

This timer can measure by counting up from 0 to 99 minutes 59 seconds. When the display reaches 99 minutes and 59 seconds, the timer counts up again from 00 minutes 00 seconds.

● Starting the count-up operation
   Press the "START/STOP" button when "00_M00_S" is displayed to start the count-up operation.
● Pausing the count-up operation
   Press the "START/STOP" button during count up to pause the count-up. Then press the "START/STOP" button again to restart the count-up.

7.　Product Placement

● Attach to metal surfaces using the magnet on the back side (May fall off on slippery surfaces).
● Place on a table.
● Hung from a strap (to hang around your neck) by inserting the strap through the hanging hole.(AD-5708 only)

8.　Replacing battery

If the display becomes dim, replace the battery by following the steps below

1. Remove the battery cover on the back of the product.
   For AD-5708, use a coin to turn the battery cover counter clockwise.
2. Remove the old battery and replace it with a new AAA battery (for AD-5707/AD-5707-E) or CR2032 coin cell battery (for AD-5708).
   For AD-5708, the (+) side should be facing up.
3. Close the battery cover.

Precautions when using batteries

● The included battery is for monitoring purposes only, so its battery life may be short.
   If the product is not going to be used for a long time, remove the battery before storing the product.
● Be sure to use specified batteries (AD-5707/AD-5707-E: One AAA battery, AD-5708: One CR2032 coin battery).
● Be sure to insert the battery with the polarities (+/-) in the correct orientation.
● Do not charge, short-circuit, disassemble, or expose the battery to fire as this may cause the battery to explode or leak.
● Keep batteries out of the reach of children. If a child swallows it, consult a doctor immediately.
● To protect theenvironment, please dispose of used batteries in accordance with local regulations.

9. Specifications

Display format : Minutes : Seconds
Alarm set time : Maximum 99 minutes 99 seconds, minimum 1 second
Count-up measurement time : Maximum 99 minutes 59seconds, minimum 1 second
Alarm time   : Buzzer sound, approximately 60 seconds
Buzzer volume : Approximately 60dB at 30cm
Auto power-off : Approximately 10minutes
Accuracy at room temperature : ±20 sec/day
Waterproof performance   : IP54
Battery / Battery life : One AAA battery / Approximately 1 year (AD-5707/AD-5707-E) (When used 3 times a day)
One CR2032 coin cell battery / Approximately 1 year (AD-5708)
Operation environment : 0℃ to + 40℃, 85％RH or less (no condensation)
Storage environment   : -10℃ to +50℃, 85％RH or less (no condensation)
Dimensions   : 69(W)×69(H)×27(D)mm(AD-5707/AD-5707-E)
                         : 69(W)×69(H)×15(D)mm(AD-5708)
Weight   : Approximately 70g(AD-5707/AD-5707-E)
(including battery) : Approximately 57g(AD-5708)
Body material   : ABS resin
Items included   : One AAA battery (AD-5707/AD-5707-E), One CR2032 coin cell battery (AD-5708) (Note that the included battery is for monitoring purposes only), Instruction manual