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## A&D AD-5709TL

# A&D Waterproof Interval Timer AD-5709TL User Manual

Model: AD-5709TL

## 1. INTRODUCTION

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Thank you for purchasing the A&D Waterproof Interval Timer AD-5709TL. This versatile timer is designed for various applications, from kitchen use to sports training, offering precise timing and robust features. Its IPX7 waterproof rating ensures durability in wet environments, while its multi-timer and repeat functions provide flexibility for complex timing needs. Please read this manual carefully to ensure proper use and maintenance of your device.



Figure 1.1: Front view of the A&D Waterproof Interval Timer AD-5709TL, displaying its digital screen and control buttons.

## 2. KEY FEATURES

- **IPX7 Fully Waterproof:** Designed to withstand splashes and submersion, ideal for kitchen and outdoor use.
- **Multi-Timer Function:** Capable of memorizing and running up to 8 individual timer settings sequentially.
- **Repeat Function:** Set the timer to repeat from 1 to 999 times, or for an indefinite duration.
- **Dual Alarm Notification:** Alerts with both a red LED light (blinks for approx. 30 seconds) and a buzzer sound (5 or 30 seconds duration).
- **Countdown & Count-up Modes:** Functions as a countdown timer for set intervals and a count-up timer from zero.
- **Memory Function:** Stores frequently used timer settings for quick recall.
- **Magnetic Backing:** Equipped with a magnet for convenient attachment to metal surfaces.

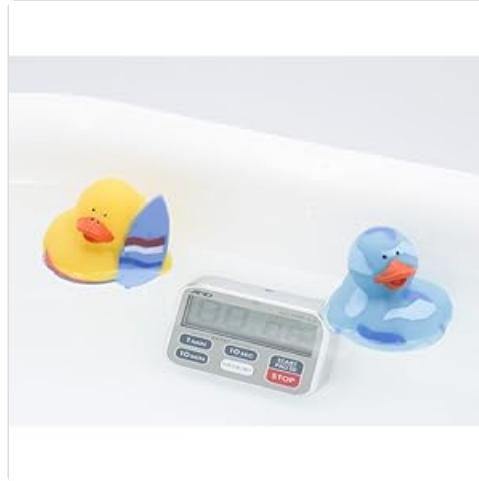


Figure 2.1: The timer's magnetic backing allows for easy attachment to metal surfaces, as shown with paper clips.

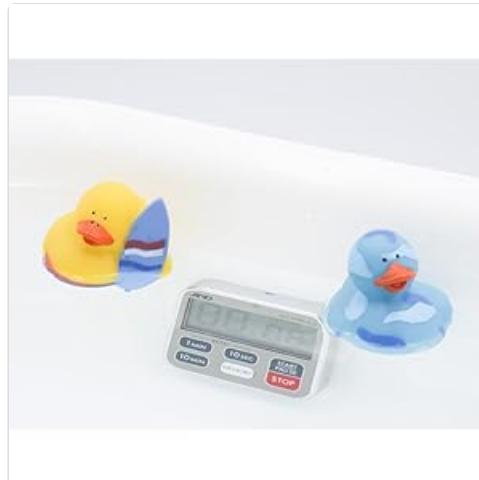


Figure 2.2: The timer is shown submerged in water, highlighting its IPX7 waterproof rating for use in wet environments.

## 3. SETUP

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### 3.1. Package Contents

- A&D Waterproof Interval Timer AD-5709TL
- Instruction Manual
- CR2032 Lithium Battery (for monitor use)

### 3.2. Battery Installation

The timer uses one CR2032 lithium battery. A battery is included for initial monitoring purposes. For long-term use, it is recommended to replace it with a new battery.

1. Locate the battery compartment on the back of the timer.
2. Use a coin or a flat tool to twist the battery cover counter-clockwise to open.
3. Insert the CR2032 battery with the positive (+) side facing up.
4. Replace the battery cover and twist clockwise to secure it.



Figure 3.1: Rear view of the timer, illustrating the battery compartment and the CR2032 battery for installation.

### 3.3. Initial Power On

Once the battery is correctly installed, the timer will automatically power on and display '00:00'.

## 4. OPERATION

### 4.1. Button Functions

Button	Function
<b>1 (1 Minute)</b>	Adds 1 minute to the timer setting.
<b>10 (10 Seconds)</b>	Adds 10 seconds to the timer setting.
<b>10 (10 Minutes)</b>	Adds 10 minutes to the timer setting.
<b>/ (Start/Pause)</b>	Starts or pauses the timer.
<b>(Stop)</b>	Stops the timer and resets it to the last set time or zero.
<b>(Memory)</b>	Recalls stored timer settings.
<b>(Reset)</b>	Resets the timer to 00:00. (Often combined with Stop or a long press of Stop)

### 4.2. Setting a Countdown Timer

1. Ensure the timer display is '00:00'. If not, press the **Stop** button to reset.
2. Use the **1**, **10**, and **10** buttons to set your desired countdown time. The maximum setting is 99 minutes 50 seconds, and the minimum is 10 seconds.
3. Press the **/** button to begin the countdown.
4. To pause the countdown, press **/** again. Press it once more to resume.
5. When the timer reaches zero, the alarm will sound (buzzer for 5 or 30 seconds) and the red LED will blink for approximately 30 seconds.
6. Press the **Stop** button to silence the alarm and reset the timer to the last set time.

### 4.3. Using Multiple Timers (Sequential Operation)

The AD-5709TL can store and run up to 8 sequential timer settings. This is ideal for interval training or multi-step processes.

1. Set the first timer duration using the **1**, **10**, and **10** buttons.
2. Press the  button to save this setting as Step 1. The display will show '00:00' or the next step number.
3. Repeat the process to set and save up to 8 steps. Each time you press , it saves the current setting and moves to the next step number.
4. Once all steps are set, press **/** to begin the sequence. The timer will count down each step consecutively.
5. The alarm will sound after each step completes, and the timer will automatically proceed to the next step.



Figure 4.1: Example of sequential timer operation with multiple steps and repeat functionality.

#### 4.4. Repeat Function

After setting your sequential timers (or a single timer), you can set the number of times the sequence should repeat.

1. After setting your timer steps (as described in 4.3), press the  button repeatedly until the display shows the repeat count setting (e.g., 'RPT 001').
2. Use the **1**, **10**, and **10** buttons to adjust the repeat count from 1 to 999.
3. To set for permanent (infinite) repeat, continue pressing the buttons until 'RPT INF' or similar is displayed.
4. Press **/** to start the repeating timer sequence.

#### 4.5. Count-up Function

To use the count-up function:

1. Ensure the timer display is '00:00'.
2. Press the **/** button. The timer will immediately start counting up from 00 minutes 00 seconds.
3. Press **/** again to pause the count-up.
4. Press the **Stop** button to stop the count-up and reset the display to '00:00'.

### 5. MAINTENANCE

#### 5.1. Cleaning

To clean the timer, wipe it with a soft, damp cloth. Do not use abrasive cleaners, solvents, or immerse the device in water beyond its IPX7 rating. Ensure the battery compartment is securely closed before cleaning with moisture.

#### 5.2. Battery Replacement

When the display becomes dim or the timer functions erratically, it's time to replace the battery. Follow the steps in Section 3.2 for battery installation. Always use a new CR2032 lithium battery.

### 5.3. Storage

Store the timer in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, it is recommended to remove the battery to prevent leakage.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer does not turn on.	Battery is dead or incorrectly installed.	Replace the battery with a new CR2032, ensuring correct polarity.
Display is dim or flickering.	Low battery.	Replace the battery.
Alarm is too loud.	Buzzer volume is fixed.	The buzzer volume is approximately 65dB at 15cm and cannot be adjusted. Consider using the LED alarm only if available (not a direct feature on this model, but a general suggestion).
Timer does not respond to button presses.	Temporary software glitch or low battery.	Remove and reinsert the battery. If the issue persists, replace the battery.
Sequential timers do not advance.	Incorrect setting or timer paused.	Ensure all steps are correctly saved using the Memory button. Check if the timer is paused.

## 7. SPECIFICATIONS

Specification	Detail
Model Number	AD-5709TL
Dimensions (L x W x H)	6.8 x 6.8 x 1.6 cm
Weight	Approx. 60 g
Color	White
Setting Range	Max 99 minutes 50 seconds, Min 10 seconds
Number of Timers	Up to 8 sequential timers
Repeat Count	1 to 999 times, or infinite

Specification	Detail
Alarm Duration (Buzzer)	5 seconds / 30 seconds
Alarm Duration (LED)	Approx. 30 seconds blinking red LED
Buzzer Volume	Approx. 65dB (at 15cm distance)
Waterproof Performance	IPX7 equivalent
Power Source	CR2032 Lithium Battery x 1



Figure 7.1: Visual representation of the timer's dimensions, weight, battery information, and alarm features.

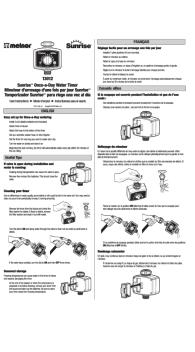
## 8. WARRANTY AND SUPPORT

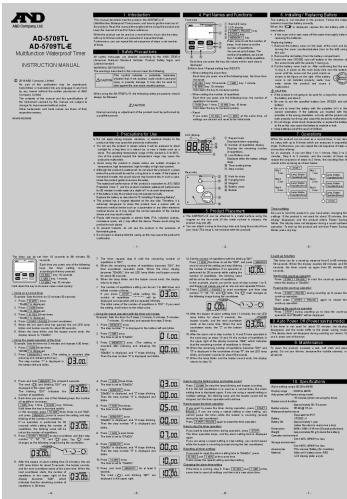
This product is covered by a standard manufacturer's warranty. For warranty claims, technical support, or inquiries, please contact A&D customer service through their official website or the retailer from whom you purchased the product. Please retain your proof of purchase for warranty validation.

For more information, visit the official A&D website: [www.aandd.co.jp](http://www.aandd.co.jp)

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## Related Documents - AD-5709TL

	<p><a href="#"><u>AD-5709/AD-5709-E Waterproof Timer Instruction Manual</u></a></p> <p>Comprehensive instruction manual for the A&amp;D AD-5709/AD-5709-E Waterproof Timer, detailing features, safety precautions, operation, maintenance, and specifications. Includes guidance on using count-up and count-down functions, battery replacement, and product care.</p>
	<p><a href="#"><u>BESTTEN USOT-D-2A Outdoor Digital Timer User Manual</u></a></p> <p>Comprehensive user manual for the BESTTEN USOT-D-2A Multifunction Outdoor Digital Timer, detailing specifications, operating instructions, programming, and warranty information.</p>
	<p><a href="#"><u>Melnor Time-A-Matic Electronic Water Timer Model 100: Operating Instructions and Warranty</u></a></p> <p>Detailed operating instructions, programming guide, and warranty information for the Melnor Time-A-Matic Electronic Water Timer Model 100. Learn how to set start times, watering durations, and use manual controls.</p>
	<p><a href="#"><u>MATELEC TIMER-24H/A Analogue 24hr DIN Rail Timer - Installation Guide</u></a></p> <p>Comprehensive installation guide for the MATELEC TIMER-24H/A analogue 24-hour DIN rail mounted time switch, including technical specifications, operating instructions, and safety information.</p>
	<p><a href="#"><u>Melnor Sunrise 13012 Once-a-Day Water Timer User Instructions</u></a></p> <p>User instructions for the Melnor Sunrise 13012 Once-a-Day Water Timer, providing guidance on easy setup, operation, cleaning, and seasonal storage for efficient lawn and garden watering.</p>
	<p><a href="#"><u>Perry Electric Astronomical &amp; Twilight Weekly Timer - 1 &amp; 2 Channel Models</u></a></p> <p>This manual details the installation, programming, and usage of the Perry Electric ASTRO-LUX-TIME weekly timer. It covers features like menu-driven programming, a backlit display, astronomical, twilight, and time-based functions, external memory support, and dual-channel operation. Ideal for residential, industrial, and public buildings.</p>



### [pdf] User Manual Specifications Label

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## AD-5709TL AD-5709TL-E Multifunction Waterproof Timer INSTRUCTION MANUAL

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【新製品発表】A & Dは、最大8ステップまでのタイマー時間を  
メモリーできる、100分形の防水インターバルタイマー  
「AD-5709TL-E」を新発売いたしました。

株式会社エー・アンド・ディ（本社：東京都豊島区、代表取締役社長：井上 駿馬、郵便：〒173-0014）は、  
最大8ステップまでのタイマー時間をメモリーできる、100分形の防水インターバルタイマー  
「AD-5709TL-E」を新発売いたしました。

【100分形 防水インターバルタイマー「AD-5709TL-E」製品概要】

[https://www.aandd.co.jp/products/electronic/hygrothermograph/digital\\_timer/ad5709tl-e/](https://www.aandd.co.jp/products/electronic/hygrothermograph/digital_timer/ad5709tl-e/)

製造：作業工具やトレーニングなどにかけインターバル時間の管理に便利なアイテムです。

- (1) 最大8ステップまでのタイマー時間を設定・記録し、順番に動作させることができます
- (2) 100分形
- (3) 防水性能 IPX7
- (4) 面から取り組む、手に直接握る手回り設計で設定が可能
- (5) カラーダイヤル、カラーフラップ・壁掛け付き
- (6) 両面LEDと裏アームアームを搭載
- (7) ストラップ穴、高さ調節、背面に取り付け

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