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## dretec T-587GN

# dretec Learning Timer (Model T-587GN)

Instruction Manual

## 1. INTRODUCTION

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Thank you for purchasing the dretec Learning Timer, Model T-587GN. This versatile digital timer is designed to assist with time management for studying, work, and various daily activities. It features multiple functions including count-up, count-down, stopwatch, and a day counter to help you stay organized and motivated. Please read this manual carefully to ensure proper use and to fully utilize all features of your new timer.

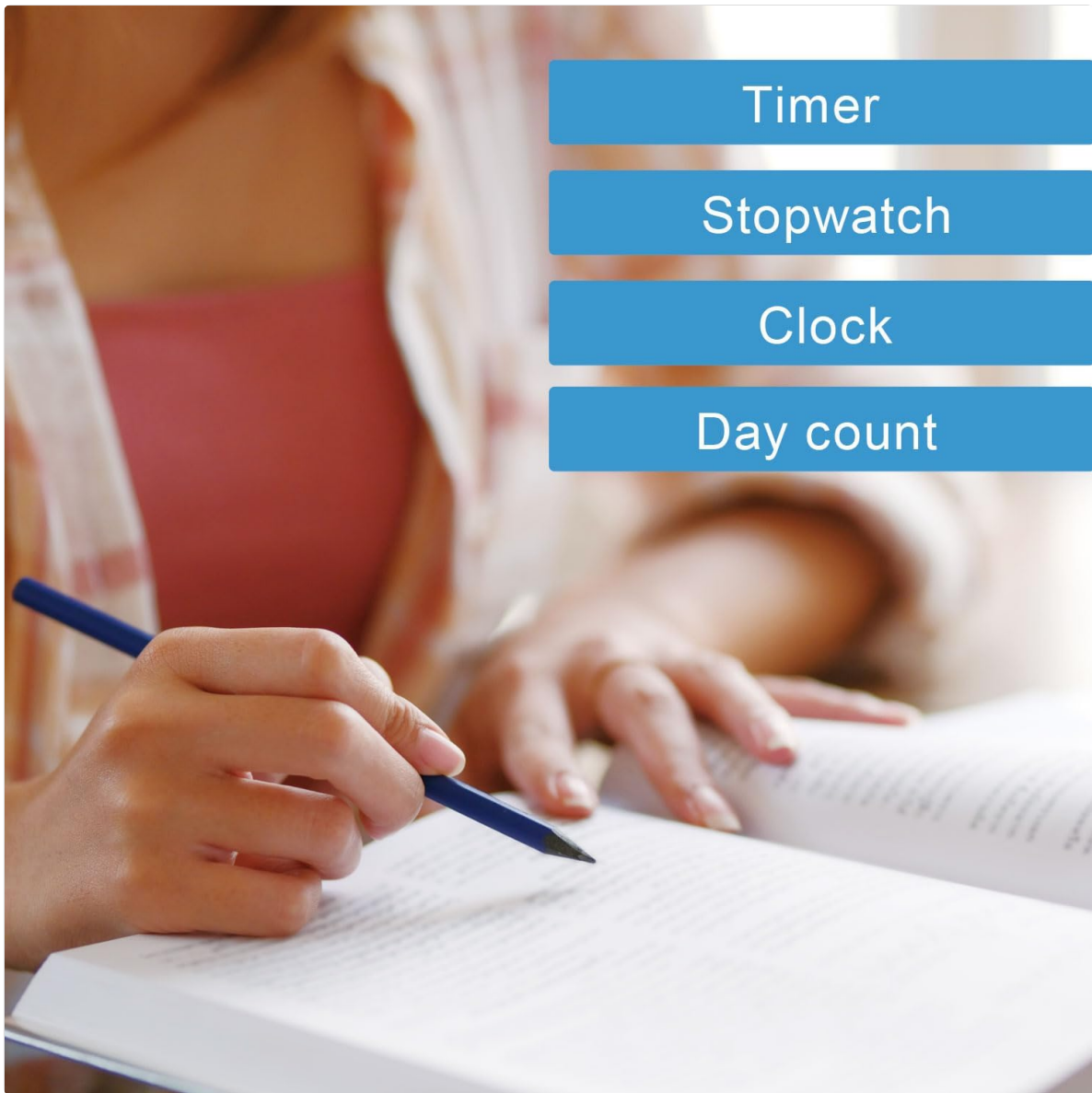


Image 1.1: The dretec Learning Timer in a study setting, highlighting its core functionalities.

## 2. PRODUCT FEATURES

- **Enhanced Functions:** This timer is developed for studying. Count-up and count-down functions are available. This study timer can measure up to 199 hours, 59 minutes, and 59 seconds. Perfect for managing study time or playing games.
- **Measurable Up to 1/100 Seconds:** This timer can be used as a stopwatch. The unit of measurement is 1/100 seconds. Versatile, convenient timer which can be used for time trial games as well as during study.
- **Countdown Till Day X:** Use the day timer function to display how many days are left until a scheduled event. Set an exam date or an important day so you don't forget them. This feature can also serve as a motivational tool.
- **Notification with Lights and Beeps:** Notifies with red lights and beeps when the designated time is up. Select beeping time between 1 second, 15 seconds, and a silent mode, which is handy in quiet environments.
- **Boosted Usability:** Features an upgraded Start/Stop button design. Activate the lock to prevent errors or unexpected operations, especially when carrying the timer in your bag.

### 3. PACKAGE CONTENTS

Please check the package contents upon opening:

- 1 x dretec Learning Timer (Model T-587GN)
- 1 x AAA Battery (for initial use)
- 1 x Instruction Manual (this document)

### 4. COMPONENT IDENTIFICATION

Familiarize yourself with the various parts and controls of your dretec Learning Timer:

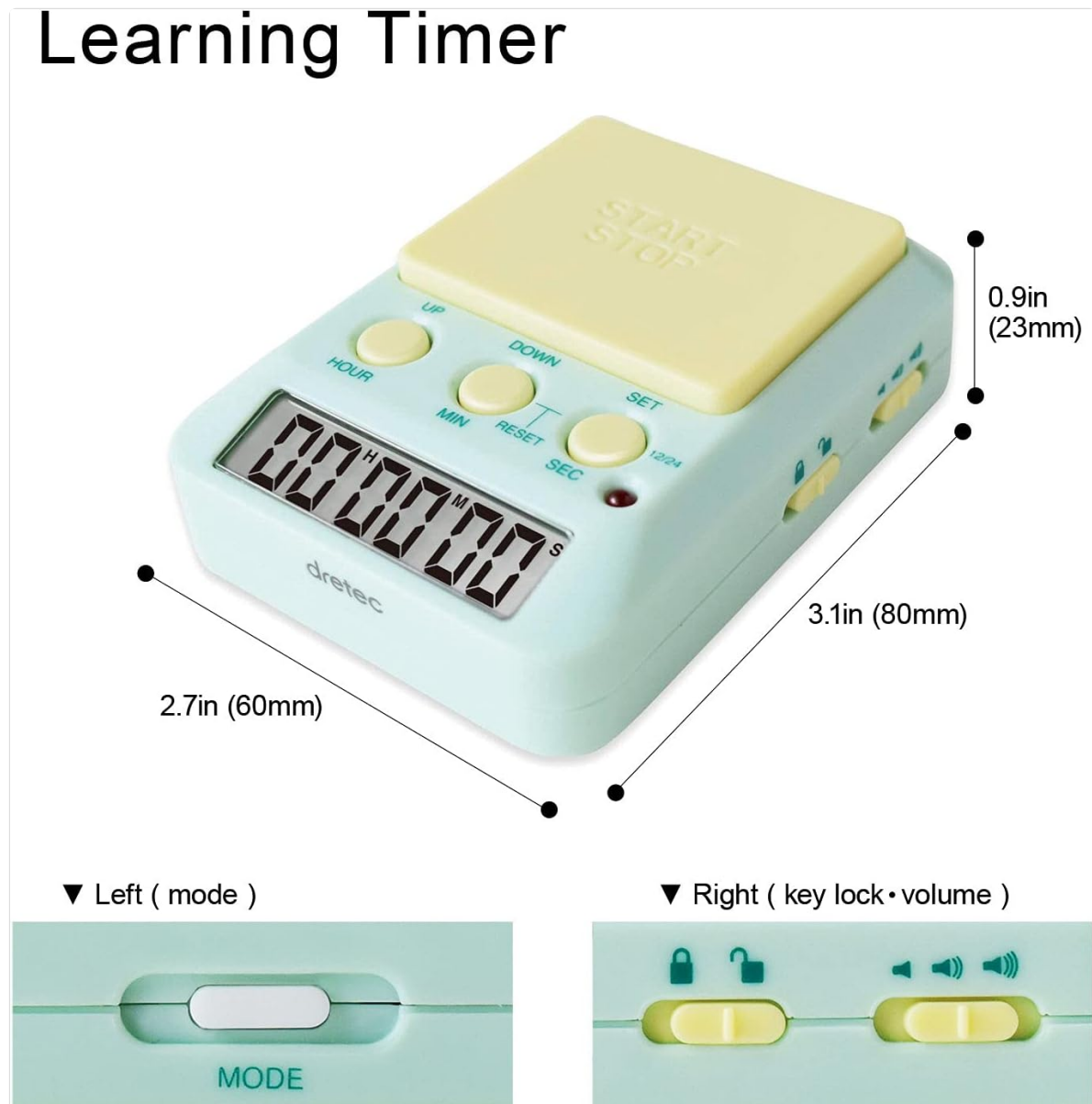


Image 4.1: Front and side view of the timer with labeled components and dimensions.

1. **START/STOP Button:** Large button at the top for starting and stopping timing functions.
2. **UP Button:** Adjusts values upwards during setting.
3. **DOWN Button:** Adjusts values downwards during setting.
4. **SET Button:** Used to confirm settings or enter setting mode.
5. **HOUR Button:** Sets the hour value.

6. **MIN Button:** Sets the minute value.
7. **SEC Button:** Sets the second value.
8. **RESET Button:** Resets the timer or stopwatch.
9. **MODE Switch (Left Side):** Toggles between Timer, Stopwatch, Clock, and Day Count modes.
10. **Key Lock Switch (Right Side):** Locks/unlocks buttons to prevent accidental presses.
11. **Volume Switch (Right Side):** Adjusts alarm volume or sets to silent.
12. **LCD Display:** Shows time, countdown, count-up, or day count.
13. **Alarm Lamp:** Red LED light that flashes when the alarm sounds.

## 5. BATTERY INSTALLATION

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The dretec Learning Timer requires 2 AAA batteries. A starter battery is included with your purchase.

1. Locate the battery compartment cover on the back of the timer.
2. Slide the cover open.
3. Insert 2 AAA batteries, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

**Note: When replacing batteries, you may need to reset the date and time if you use the day count feature.**

## 6. BASIC OPERATION

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### 6.1. Mode Selection

Use the **MODE** switch on the left side of the timer to select the desired function:

- **Timer Mode:** For count-down and count-up functions.
- **Stopwatch Mode:** For precise timing up to 1/100 seconds.
- **Clock Mode:** Displays the current time.
- **Day Count Mode:** Displays days remaining until a set date.

### 6.2. Setting the Clock (Current Time)

1. Slide the **MODE** switch to **Clock Mode**.
2. Press and hold the **SET** button until the hour digits begin to flash.
3. Use the **UP** or **DOWN** buttons to adjust the hour.
4. Press **SET** to move to the minute setting, then use **UP** or **DOWN** to adjust.
5. Press **SET** again to confirm and exit setting mode.

### 6.3. Count-down Timer

1. Slide the **MODE** switch to **Timer Mode**.
2. Use the **HOUR**, **MIN**, and **SEC** buttons to set the desired countdown time.
3. Press the large **START/STOP** button to begin the countdown.
4. To pause, press **START/STOP** again. Press again to resume.
5. When the countdown reaches zero, the alarm will sound, and the red lamp will flash.
6. Press any button to stop the alarm.

# PUSH

## START/STOP



Image 6.3: Initiating the timer by pressing the START/STOP button.

### 6.4. Count-up Timer

1. Slide the **MODE** switch to **Timer Mode**.
2. Ensure the display shows "00:00:00". If not, press the **RESET** button.
3. Press the large **START/STOP** button to begin counting up.
4. To pause, press **START/STOP** again. Press again to resume.
5. To reset the count, press the **RESET** button.

### 6.5. Stopwatch Function

The stopwatch measures time in 1/100 second increments.

1. Slide the **MODE** switch to **Stopwatch Mode**.
2. Ensure the display shows "00:00.00". If not, press the **RESET** button.
3. Press the large **START/STOP** button to begin timing.
4. To pause, press **START/STOP** again. Press again to resume.
5. To reset the stopwatch, press the **RESET** button.

### 6.6. Day Count Function

This function counts down the number of days until a specified target date.

1. Slide the **MODE** switch to **Day Count Mode**.
2. Press and hold the **SET** button until the date digits begin to flash.
3. Use the **UP** or **DOWN** buttons to adjust the month, then press **SET**.
4. Adjust the day, then press **SET**.
5. Adjust the year, then press **SET** to confirm.
6. The display will now show the number of days remaining until the set date.



Image 6.6: Using the Day Count function to track days until an important event.

## 7. SETTINGS

### 7.1. Notification Settings (Alarm and Lamp)

The timer provides both audible beeps and a visual red lamp notification when a countdown ends.

1. Locate the **Volume Switch** on the right side of the timer.
2. Slide the switch to select your preferred notification setting:
  - **1 Second Beep:** A short beep sound.

- **15 Second Beep:** A longer beep sound.
- **Silent Mode:** Only the red lamp will flash, with no audible sound. Ideal for quiet environments.

# Lamp & Alarm



Image 7.1: The timer's alarm lamp indicating a completed countdown.

## 7.2. Key Lock Function

The key lock prevents accidental button presses, which is useful when carrying the timer or to avoid interruptions during a timed session.

1. Locate the **Key Lock Switch** on the right side of the timer.
2. Slide the switch to the **Lock** position (indicated by a lock icon) to disable all buttons except the mode switch.
3. Slide the switch to the **Unlock** position (indicated by an open lock icon) to enable button functionality.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Timer does not turn off.	The timer is designed to remain on to maintain settings.	This is normal operation. To conserve battery, ensure the Key Lock is engaged to prevent accidental button presses. Remove batteries for complete power off.
Buttons are unresponsive.	Key Lock function is activated.	Slide the <b>Key Lock Switch</b> to the <b>Unlock</b> position.
Display is dim or blank.	Low or depleted batteries.	Replace both AAA batteries with new ones.
Alarm does not sound.	Volume switch is set to Silent Mode.	Slide the <b>Volume Switch</b> to either the 1-second or 15-second beep setting.
Incorrect time or date displayed after battery change.	Settings were reset during battery replacement.	Re-set the current time and day count target date as described in Section 6.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	T-587GN
Brand	dretec
Color	Green & Yellow
Product Dimensions	8"D x 6"W x 2.3"H (Approx. 3.15"D x 2.36"W x 0.91"H for the timer unit)
Item Weight	2.22 ounces (0.06 Kilograms)
Power Source	2 x AAA batteries (included)
Screen Size	0.9 Inches
Max Timer Capacity	199 hours, 59 minutes, 59 seconds
Stopwatch Precision	1/100 second
Notification Options	1-second beep, 15-second beep, Silent (with flashing LED)



Image 9.1: Detailed dimensions of the dretec Learning Timer.

## 10. PRODUCT VIDEO

Watch this official product video for a visual guide on the dretec Learning Timer's features and operation:

Your browser does not support the video tag.

Video 10.1: Official demonstration of the dretec Learning Timer (T-587) features, including its compact design, ease of use, alarm notifications, 1/100 second stopwatch, day count, and clock display.

## 11. WARRANTY AND SUPPORT

dretec products are manufactured with high-quality standards. For warranty information, please refer to the warranty card included with your purchase or visit the official dretec website. If you encounter any issues or require technical assistance, please contact dretec customer support through their official channels.