

TRACEABLE 90225-35

Traceable Four-Channel Alarm Timer User Manual

Model: 90225-35

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of the Traceable Four-Channel Alarm Timer, Model 90225-35. This device is designed for laboratory use, offering precise timing capabilities across four independent channels for various applications.

FEATURES

- Calibrated Four-Channel Alarm Timer for Laboratory Use
- Memory returns display to previously programmed countdown time with touch of a button
- Extra-loud alarms sound for 1 minute
- Includes NIST-Traceable certificate from our A2LA accredited (1750.01) calibration laboratory

SETUP

Battery Installation

The timer operates on standard batteries. To install or replace batteries:

1. Locate the battery compartment on the back of the unit.
2. Open the compartment cover.
3. Insert new batteries, observing the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.



Image: Rear view of the Traceable Four-Channel Alarm Timer, highlighting the circular battery compartment cover on the right side.

Initial Power On

Upon first power-on or after battery replacement, the display will show the current time or default to 0:00:00. The timer is now ready for operation.

OPERATING INSTRUCTIONS

Overview of Controls



Image: Front view of the timer, displaying the LCD screen and all control buttons. Buttons include T1, T2, T3, T4, CLOCK at the top, and H, M, S, C, START STOP at the bottom.

The timer features several buttons for various functions:

- **T1, T2, T3, T4:** Selects the desired timer channel.
- **CLOCK:** Toggles between clock display and timer display, and used for setting the clock.
- **H (Hours):** Sets hours for countdown/count-up.
- **M (Minutes):** Sets minutes for countdown/count-up.
- **S (Seconds):** Sets seconds for countdown/count-up.
- **C (Clear):** Clears the set time for the selected channel.
- **START/STOP:** Starts or stops the selected timer.



Image: Close-up of the 'H' (Hours) and 'M' (Minutes) buttons, which are used for setting time values.



Image: Close-up of the 'START STOP' button, used to initiate or pause timing functions.



Image: Close-up of the 'CLOCK' button, used for setting and viewing the current time.

Setting a Countdown Timer

1. Press one of the channel buttons (T1, T2, T3, or T4) to select the desired timer. The display will show the selected channel indicator.
2. Press the **H**, **M**, and **S** buttons to set the desired countdown time. Each press increments the value. Hold the button for rapid increment.
3. Press the **START/STOP** button to begin the countdown.
4. When the countdown reaches zero, an extra-loud alarm will sound for 1 minute.
5. To stop the alarm, press any button.
6. To recall the previously programmed countdown time for a channel, press the corresponding channel button (T1-T4) after the timer has stopped.

Using as a Count-Up Timer (Stopwatch)

1. Press one of the channel buttons (T1, T2, T3, or T4) to select the desired timer.
2. Ensure the selected channel is cleared (display shows 0:00:00). If not, press the **C** button.
3. Press the **START/STOP** button to begin counting up.
4. Press the **START/STOP** button again to pause the count-up.
5. Press the **C** button to clear the count-up time.

Setting the Clock

1. Press and hold the **CLOCK** button until the time display begins to flash.
2. Use the **H**, **M**, and **S** buttons to set the current time.
3. Press the **CLOCK** button again to confirm and exit clock setting mode.

MAINTENANCE

Cleaning

Wipe the timer with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.

Battery Replacement

When the display dims or the alarm weakens, it is time to replace the batteries. Refer to the "Battery Installation" section under Setup for instructions.

TROUBLESHOOTING

Timer not responding

- Check battery installation and ensure batteries are fresh.
- Press the **C** button to clear any previous settings.

Alarm is too quiet or not sounding

- Replace batteries.
- Ensure the timer is not in a location where the sound is muffled.

Display is blank or erratic

- Replace batteries.
- If the issue persists after battery replacement, contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	90225-35
Brand	TRACEABLE
Number of Channels	4
Package Dimensions	4 x 3.5 x 1.2 inches
Item Weight	0.009 ounces (0.26 Grams)
Color	Black
Manufacturer	Cole-Parmer
First Available	January 31, 2022

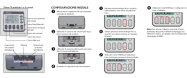
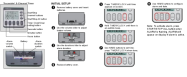

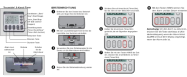


WARRANTY AND SUPPORT

This product comes with a NIST-Traceable certificate, ensuring its calibration accuracy. For specific warranty details or technical support, please refer to the documentation included with your purchase or contact Cole-Parmer customer service.

For additional information or support, please visit the manufacturer's website or contact their customer service department.

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Related Documents - 90225-35

	<p>Traceable 5665 Three Channel Alarm Timer Quick-Start Guide</p> <p>A concise guide for setting up and operating the Traceable 5665 three-channel alarm timer, covering initial configuration, timer setting, and operation procedures.</p>
	<p>Traceable 3-Channel Timer Quick-Start Guide - Setup and Operation</p> <p>Concise guide to setting up and operating the Traceable 3-Channel Timer (Model 5665), including initial setup, timer configuration, and starting/stopping channels. Features warranty and service information.</p>
	<p>Traceable 3-Channel Alarm Timer Instructions</p> <p>User manual for the Traceable 3-Channel Alarm Timer, detailing specifications, setup, operation, and troubleshooting.</p>
	<p>Traceable 3-Channel Timer 5665 Quick Start Guide</p> <p>Concise guide to setting up and operating the Traceable 3-Channel Timer (Model 5665), including initial setup, timer configuration, and starting/stopping functions.</p>
	<p>Traceable 5665 Three Channel Timer Quick Start Guide</p> <p>Quick start guide for the Traceable 5665 three-channel alarm timer, covering initial setup, timer setting, and starting/stopping functions. Includes warranty and contact information.</p>
	<p>Traceable 4-Channel Big Digit Timer Operating Instructions</p> <p>Detailed operating instructions for the Traceable 4-Channel Big Digit Timer, including features, clock mode, countdown timer settings, stopwatch mode, and battery replacement.</p>