OPERATING INSTRUCTIONS

Clip   Battery Door
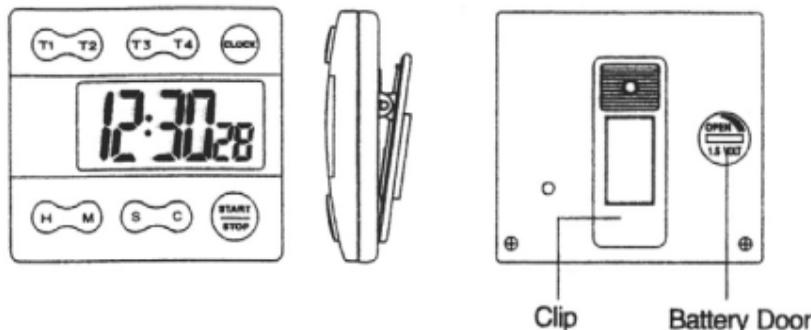
Product Features
1. Jumbo display 4 channel LCD count-down / count-up timer with clock and alarm features.
2. 6 digit shows hour, minute and second setting for timers and clock.
3. Automatic count-up after timer counts down to zero.
4. Count-down timer: Maximum setting is 99 hours, 59 minutes and 59 seconds. Counts down at 1 second resolution.

Count-up timer: Maximum count-up range is 99 hours, 59 minutes and 59 seconds. Counts up at 1 second resolution.
5. Memory recall function for count-down timers.
6. Timer alarm sounds for 1 minute when timer counts down to zero.

Clock Mode
1. Press and hold the clock button to enter clock mode. Preset time (hours, minutes and seconds) and flashing colon will display.
2. Press and hold START/STOP button for 3 seconds to toggle 12/24 hour format.

Clock Setting Mode
1. Press and hold clock button for 3 seconds (until beep) to enter time setting mode. "HOUR", "MINUTE", "SECOND" and colon flash on display. The "P" indicator shows in 12 hour format.
2. Press the HOUR button to advance hour setting. Press and hold for 2 seconds for fast setting.
3. Press the MINUTE button to advance minute setting. Press and hold for 2 seconds for fast setting.
4. Press the SECOND button to reset second digit to zero when the second digits are within 00-29 second range. Press "S" button to reset second digits to zero and minute digits advance by 1 increment when second digit are within 30-59 second range.
5. When the time setting for the clock is ready, press the clock button once to return to normal clock display mode.
** When the timer is running, the corresponding indicator (T1, T2, T3, T4) flashes on display. All four timers can run at the same time. When the timer reaches to 0:00 00, the buzzer will sound and the corresponding indicator (T1, T2, T3, T4) will flash relatively slower. More than one indicator can flash at the same time.

Count-Down Timer Setting
1. Press the T1, T2, T3, or T4 button enter to the desired timer channel. In timer mode, the colon does not flash and the corresponding timer indicator "T1", "T2", "T3", or "T4" shows on the display.
2. Press the HOUR button to advance the hour digits.
3. Press the MINUTE button to advance the minutes digits.
4. Press the SECOND button to advance the seconds digits.
5. Press the HOUR, MINUTE, or SECOND button for 2 seconds for fast setting of the corresponding digit.
6. Press the CLEAR button to clear the Count-Down Timer and the corresponding timer memory to 00H00M00S
7. Press the HOUR and the CLEAR buttons simultaneously to clear the hour digit setting only.
8. Press the MINUTE and the CLEAR buttons simultaneously to clear the minute digit setting only.
9. Press the SECOND and the CLEAR buttons simultaneously to clear the second digit setting only.

Count-Down Timer START/STOP
1. After time setting is ready, press the START/STOP button once. The timer will start to countdown at 1 second resolution.
2. Press the START/STOP button once to stop the counting timer.
3. Press the START/STOP button once again, the timer will resume counting

Count-Down Timer Alarm
1. When the timer counts down to 0:00 00 in its timer mode, the buzzer will sound.

2. When the timer counts down to 0:00 00 but not in its timer mode, the buzzer will sound and the flashing frequency of corresponding indicator is relatively slower.
3. When two timers countdown to 0:00 00 at the same time, the timer which shows on display will sound and the other's indicator will flash relatively slower.
4. Press any button to stop timer alarm and the count-up timer.

Count-Down Memory Recall
1. Press the START/STOP button to recall previous timer setting. Press the START/STOP button again to start the timer.

Stop Watch Mode
1. In timer, mode clear timer by pressing the CLEAR button.
2. Press the START/STOP button to start the stop watch counting up at 1 second resolution.
3. Press the START/STOP button to stop counting up.
4. When the timer counts up to 99H 59M 59S it starts to count up again from 00H 00M 00S.

Battery Replacement
Use a coin to open the battery cover on the back of the timer (turn the cover approximately ⅛ of a turn counter-clockwise). Remove exhausted battery, and insert a new 1.5V G-13 size button cell battery (make sure positive '+' side is facing up and close battery cover.

WARRANTY, SERVICE, OR RECALIBRATION
For warranty, service, or recalibration, contact:

TRACEABLE® PRODUCTS
12554 Old Galveston Rd. Suite B230
Webster, Texas 77598 USA
Ph. 281 482-1714 • Fax 281 482-9448
E-mail support@traceable.com
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Traceable® Products is ISO 9001:2018 Quality-Certified by DNV and ISO/IEC 17025:2017 accredited as a Calibration Laboratory by A2LA.

TRACEABLE®
4-CHANNEL
BIG DIGIT TIMER
INSTRUCTIONS

Calibration complies with ISO/IEC 17025, ANSI/NCSL Z540-1, and 9001

Cert. No.: 4040-1209600C

Traceable® Certificate of Calibration for Therm./Clock/Humidity Monitor

Manufactured for and distributed by : Traceable® Products 12554 Galveston Rd B230, Webster, TX 77598

Instrument Identification:

Model: 4040,90080-06   S/N: 210248494   Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Non-Contact Frequency Counter	26.662025	21 Apr 2021	1000453894
Digital Thermometer	221197993	14 Oct 2021	4000-11621504
Chilled Mirror Hygrometer	44654/2H3737	25 Nov 2021	17811

Certificate Information:

Technician: 126   Procedure: CAL-17   Cal Date: 27 Mar 2021   Cal Due Date: 27 Mar 2023

Test Conditions: 57.75%RH   22.6°C   1012mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
%RH	N.A.	N.A.		41.63	41	Y	37	47	0.74	>4:1
°C	N.A.	N.A.		23.25	22.7	Y	22.2	24.2	0.076	>4:1
sec/24hr	N.A.	N.A.		0.000	0.133	Y	-8.64	8.64	0.041	>4:1

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement : (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level, In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ± U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio;
Accuracy=±(Max-Min)/2; Min=As Left Nominal(Rounded) – Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

Nicol Rodriguez, Quality Manager

Marisa Elms, Technical Manager

Note :

Maintaining Accuracy:

In our opinion once calibrated your Therm./Clock/Humidity Monitor should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Therm./Clock/Humidity Monitor change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

Issue Date : 27 Mar 2021

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Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).

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