SPECIFICATIONS

Display:	Triple display, ½" high, 6 digit LCD
Timing	
Capacity:	19 hours, 59 minutes, 59 seconds
Resolution:	1/100 second - Count-up mode
	1 second - Countdown mode
Accuracy:	0.01%
Features:	Countdown timing and count-up/
	stopwatch timing, clock.

BUTTONS

HR:	Sets Hours
MIN:	Sets minutes
SEC:	Sets seconds
CLEAR:	Resets display to 00:0000
CLOCK/TIMER:	Toggles between Clock/Stopwatch Mode
	and Countdown Timing Mode
START/STOP:	Starts and stops timing

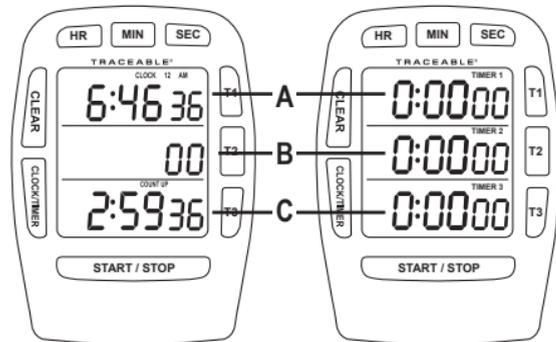|	
T1:	Selects timer channel 1 for operation or setting
T2:	Selects timer channel 2 for operation or setting
T3:	Selects timer channel 3 for operation or setting

Fig. 1   **Fig. 2**

FRONT PANEL REFERENCE

Clock/Stopwatch Mode (**Fig.1**)
A   Time
B   1/100 sec Resolution for Count-up/Stopwatch
C   Count-up/Stopwatch Time

Countdown Timing Mode (**Fig. 2**)
A   Timing Channel 1 (T1)
B   Timing Channel 2 (T2)
C   Timing Channel 3 (T3)
Channels T1, T2, and T3 provide countdown timing only.

CLEARING THE DISPLAY TO ZERO

If time is running, press the START/STOP button to stop timer.
Press the CLEAR button to reset timer to 0:0000. CLEAR only
operates when timer is stopped.

SETTING THE TIME

1. Enter clock setting mode by pressing and holding CLOCK/TIM-
   ER button for 3 seconds. The clock display will begin flashing.
2. Press HR, MIN, or SEC button to advance time. Press and
   hold the HR, MIN, or SEC button to rapidly advance the
   display.
3. Clock can only be set in AM/PM time.
4. Once desired time is on display, press CLOCK/TIMER. Clock
   display will stop flashing.

COUNTDOWN ALARM OPERATION

1. Enter countdown timing mode by pressing CLOCK/TIMER.
2. Press and hold channel key to program. Selected channel will
   begin flashing.
3. Clear display to 0:00 0000.
4. Press the HR, MIN, or SEC button to set the desired time.
   Press/HOLD the HR, MIN, or SEC button to rapidly advance
   display.
5. With desired countdown time displayed, press corresponding
   channel key. Display will stop flashing.
6. Press START/STOP button to start countdown.
7. When timer reaches 0:00 00 an alarm sounds for 60 seconds,
   display flashes, a "TIME'S UP" message appears on display,
   and timer automatically begins counting up.
8. Press the START/STOP button to turn the alarm off and stop
   the count-up operation.
9. Clear the display to 0:00 0000.
Note: All 3 countdown channels may be used independently.
Note: If clock mode is entered while channel is timing, countdown
channel will continue timing. Alarm will sound at zero and "TIME'S
UP" will flash on the display.

ALARM

When sounding, alarm will automatically silence after one minute.
Silence alarm manually by pressing START/STOP button. Each
timing channel has a unique alarm sound to indicate which chan-
nel is alarming. If more than one channel is alarming, the alarm for
the last channel to reach zero will be heard.

SIMULTANEOUS COUNTDOWN OPERATION

1. Set desired times on channels T1, T2, and T3 by following
   instructions 1 through 4 under "COUNTDOWN ALARM
   OPERATION".
2. Press and hold channel button to select timing channel.
3. Press START/STOP button to start all 3 channels simultane-
   ously.
4. When first timing channel alarms, press START/STOP button
   to turn off alarm and stop count up function. Clear display to
   0:00 0000.
Note: Each timing channel must be stopped and cleared
individually.
Note: If more than one timing channel reaches zero and alarms,
START/STOP button will stop count-up function of T1 first, then
T2, and T3 last. CLEAR will clear display to 0:0000 in same order
(T1, T2, T3).
5. If memory feature has been used, you may simultaneously
   recall T1, T2, and T3 memory by pressing MEMORY button.

COUNT-UP/STOPWATCH OPERATION

1. Enter Count-Up/Stopwatch timing mode by pressing CLOCK/
   TIMER.
2. Clear display to 0:0000, by pressing clear.
3. Press the START/STOP button to start count-up/stopwatch
   timing.

4. Press START/STOP button to stop timing.

TIME OUT
If a pause in countdown or count-up timing operation is required, press START/STOP button to "freeze" display at current reading (time-out). To resume timing at point it was stopped, press START/STOP button again. In T123 countdown timing mode a time-out will "freeze" all 3 timing channels. Unlimited of time-outs may be taken.

ATTACHMENTS
A magnet, located on the back of the unit, will secure the timer to any smooth, metal surface.

ALL OPERATIONAL DIFFICULTIES
If this timer does not function properly, for any reason, please replace the battery with a new, high-quality battery (see "Battery Replacement" section). Low battery power can occasionally cause any number of "apparent" operational difficulties. Replacing the battery with a new, fresh battery will solve most difficulties.

BATTERY REPLACEMENT
A faint display, incorrect display, erratic display, or no display are all indicators that the battery must be replaced. Remove the battery cover by sliding it off in the direction of the arrow. Remove the exhausted batteries (2 each) and replace it with new button-cell batteries. For proper battery placement, see drawing located inside the battery compartment. Replace the battery cover.

Cat. No. 5025

TRACEABLE® TRIPLE-DISPLAY TIMER INSTRUCTIONS

ilac-MRA

A2LA ACCREDITED
A2LA Certificate No. 1750.01
Calibration

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
Nicol Rodriguez, Quality Manager

Marisa Elms
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

CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598
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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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