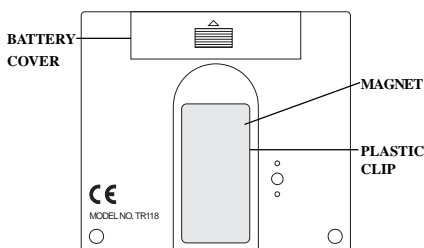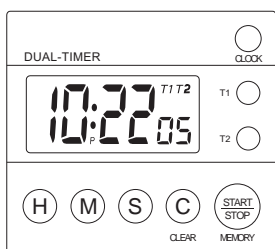**OREGON SCIENTIFIC**

2 CHANNEL
JUMBO DISPLAY CLOCK TIMER

INSTRUCTION MANUAL
MODEL:TR118

ENGLISH

TIMER FEATURES:

1. 2 Channel LCD Count-down and Count up Timer together with Clock.

2. 6 digits display showing HOUR, MINUTE, and SECOND for both 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 at 1 second resolution.

    Count-up timer: Maximum count-up range is 99 hours, 59 minutes and 59 seconds at 1 second resolution.

5. Buzzer alarm sounds for 1 minute when timer counts to zero.

6. Timer memory recall for each count-down timer.

7. Individual buttons for HOUR, MINUTE and SECOND setting.

NORMAL TIME SETTING

1. Press the **Clock** button down for approximately 3 seconds. The digits and colon will flash on the display.

2. Press the **Hour** button to advance to the correct hour. Hold button down for approximately 2 seconds for fast setting.

3. A "P" will appear on the display below the colon for PM. There is no symbol for AM indication.

4. Press **MIN** button to advance to the correct minute. Hold the button down for approximately 2 seconds for fast setting.

5. Press the **SEC** button to reset second digit to zero when the second digits are within the 00-29 second range; pressing **SEC** button in 30-59 second range advances minute setting by 1 minute and resets second digits to zero.

6. Press the **Clock** button to start clock. The colon will flash in clock mode.

7. The Clock operates independently of the timing channels. Whenever the clock button is pressed, the time of day will appear on the display. If timers are operating, T1 or T2 respectively will flash.

12/24 HOUR FORMAT SELECTION

1. To activate 24 hour format, in Clock Mode hold **START/STOP** button down for approximately 3 seconds, beep tone will indicate format change.

2. To change back to 12 hour format, repeat step 1 above.

COUNT-DOWN TIMER SETTING (SEE FIG.1)

1. Press either **T1** or **T2** button for desired timing channel. The selected channel, T1 or T2, will appear on the display. The colon does not flash in the timer mode.

2. Press **CLEAR** to reset timer to zero.

3. Press individual **HOUR, MIN & SEC** buttons to program desired time. The numbers can be fast forwarded by holding the individual buttons down for 2 seconds.

4. If error is made in programming, hold individual **HOUR MIN & SEC** button down first, then press the clear button to zero the digit. Then reprogram as explained above.

5. Follow the same procedure above for programming the other timer channel.

TIMER START/STOP

1. After time setting is ready, press **START/STOP** button once to activate timer. Steady T1 or T2 indicator on screen shows active channel on display.

2. When timer is counting, press **START/STOP** button once and displayed timer channel will pause.

3. Press **START/STOP** button once and timer will resume counting.

4. Both timer channels can be used at the same time. When using both timer channels, simply press the **T1** or **T2** button to note count down time remaining. Non-flashing (T1 or T2) indicates the count down time of the channel being displayed.

TIMER BUZZER ALARM

1. When timer counts to 00H, 00M and 00S, timer buzzer alarm will sound and timer will begin to count up in seconds with respective non-flashing timer channel indicator appearing in display.

2. Timer buzzer will be stopped by pressing any button.

3. Buzzer will automatically turn off in 60 seconds. Count-up timer continues to operate until stopped.

4. Count-up timer in alarm mode can be stopped by pressing any button.

5. Press Clear button to reset display to zero.

6. If both channels are counting down, when time expires in both channels within a minute of each other and the alarm has not been turned off, the alarm for the just expired timer will sound with the other timer channel flashing in the display. Turn off by pressing the **START/STOP** button.

7. The other channel alarm will sound at the completion of cycle, and the indicator will count up.

8. Press **START/STOP** button to turn off.

TIMER MEMORY RECALL

1. After timer buzzer alarm stops, press **START/STOP** button once to recall preset timer time.

2. Press **START/STOP** button again to start timer.

COUNT-UP/STOPWATCH TIMER

1. Press desired timer channel button.

2. Press **CLEAR** button to clear display.

3. Press **START/STOP** button and time will begin to count-up in 1 second resolution.

4. Press **START/STOP** to stop count-up timer.

5. If you wish to restart timing process, press **START/STOP** button again.

6. To turn timer off, press **START/STOP** button and then Clear button.

7. If count up/stopwatch timer is not turned off when it reaches 99 hours, 59 minutes, 59 seconds, it will start counting over again at 1 second resolution from 00H, 00M, 00S.

BATTERY REPLACEMENT

To replace exhausted battery, slide push the battery cover on backside in direction of arrow. Set cover aside and remove battery. Insert a now 1.5V 'AAA' battery as indicated by the polarity symbols (+&-) marked and close battery cover.

Sometimes the timer may not activate after installing a new battery. If this happens, simply remove battery from the battery compartment and reinstall again. The Clock will resume normal operation.

CLIP ATTACHMENT

The timer can clip on thin board, belt or shirt pocket using the plastic clip on the backside of timer.

MAGNETIC ATTACHMENT

The timer can attach to iron or steel surface, using the magnet attached to the clip on the backside of the timer.

TABLE TOP USE

Use the clip and metal stand bar together to stand the clock/timer at an angle on any flat surface.

SPECIFICATIONS

Power: use 1 pc UM-4 or "AAA" 1.5V battery

Weight: 0.18 lbs (without battery)

Dimension: 2.75" x 0.75" x 2.5" (LxWxT)

CAUTION

- The content of this manual is subject to change without further notice.

- Due to printing limitation, the displays shown in this manual may differ from the actual display.

- The contents of this manual may not be reproduced without the permission of the manufacturer.

CUSTOMER ASSISTANCE

Should you require assistance regarding this product and its operation, please contact our customer care department at 541-868-8205 or via email at helpme@oscientific.com.

WARRANTY

This product is warranted to be free of manufacturing defects for a period of 3 months from date of retail purchase. Defective product should be directed to the

place of retail purchase for exchange. Should this not be possible, contact our customer care department for assistance and a return material authorization. No

returns may be made without a return authorization. Please retain your retail receipt as you may be asked to provide a copy of it for proof of date purchased.

This warranty does not cover product subjected to abuse, misuse, accidental damage or tampering.

Upon return of the defective product, Oregon Scientific will at its discretion, replace the product with either a new or a tested reconditioned product. Should the product be out of warranty, the consumer may purchase directly from Oregon Scientific a replacement at reasonable cost plus shipping and handling.