**TIMER FEATURES**
1. LCD Count-down/count-up Timer together with Clock.
2. 6 digit display showing HOUR, MINUTE, and SECOND for both Timer and Clock.
3. Automatic count up after Timer counts down to zero.
4. Count-down Timer: Maximum setting is 23 HR.
   59 MIN. 59 SEC. and counts down at 1 second resolution.
5. Count-up Timer: Maximum count-up range is 23 HR. 59 MIN. 59 SEC. at 1 second resolution.
6. Memory recall function for count-down Timer.
7. Timer alarm sounds for 1 minute when Timer counts down to zero.
8. Individual setting buttons for HOUR, MINUTE, and SECOND setting.

**COUNT-DOWN TIMER SETTING** (See Fig. 1)
2. Press [START/STOP] button once to stop the count-down Timer.
3. When Timer is counting, press [START/STOP] button once and Timer will stop.
4. When Timer counts down to 0 HR 00 MIN 00 SEC (0:00 00 will show on display), Timer will automatically count up at 1 second resolution.
5. If setting is not the desired one, press [RESET] button once to reset Timer to zero and set time again.

**COUNT-DOWN TIMER START/STOP**
1. After time setting is ready, press [START/STOP] button once and Timer will start to count down at 1 second resolution.
2. When Timer is counting, press [START/STOP] button once and Timer will stop.
3. Press [START/STOP] button once and Timer will start counting again.

**COUNT-DOWN TIMER ALARM**
1. When Timer counts down to 0 HR 00 MIN 00 SEC (0:00 00 will show on display), [TIMES UP] mark will flash on display. Timer alarm starts to sound for 1 minute and Timer will automatically continue to count up at 1 second resolution.
2. Timer alarm and count-up time can be stopped by pressing [HR], [MIN], [SEC], [START/STOP] or [RESET] button.

**COUNTDOWN TIMER MEMORY RECALL**
1. After Timer alarm stops, press [START/STOP] button once can recall pre-setting desired count-down time. [MEMORY] mark will appear on display.
2. Press [START/STOP] button 2nd time can start Timer and Timer will count down for another lap [MEMORY] mark will disappear.

**COUNT-UP TIMER SETTING** (See Fig. 1)
1. When Timer is in rest stage (0 HR. 00 MIN. 00 SEC.), press [START/STOP] button once will activate count-up feature and Timer starts to count up at 1 second resolution. Button confirmation sound can be heard.
2. Press [START/STOP] button 2nd time can stop the count-up Timer.
3. Press [START/STOP] button 3rd time, count-up Timer will continue to count up at 1 second resolution.
4. Press [START/STOP] button 4th time can stop the count-up Timer.
5. Press [RESET] button once will reset count-up Timer to zero.

**COUNTDOWN AND COUNT-UP TIME MEASUREMENT:**
2. Set desired time to count-down Timer by using the same procedure as count-down Timer setting.
3. Press [START/STOP] button once to start the count-down Timer.
4. When Timer counts down to 0 HR 00 MIN 00 SEC (0:00 00 will show on display), [TIMES-UP] mark will flash on display. Timer alarm starts to sound for 1 minute and Timer will automatically count up at 1 second resolution.
5. When you think the count-up period is good enough for you, press [START/STOP] button once to stop the count-up Timer.
6. Elapsed period after Timer counts down to zero can be known from the count-up time on display.

**NORMAL TIME SETTING** (See Fig. 1)
Switch the [TIMER/CLOCK] slide switch to [CLOCK] position, normal time of clock with flashing colon will show on display.

**HOUR**
Press [SET] button (button confirmation sound can be heard) and at the same time press [HR] button (button confirmation sound can be heard) to advance hour digits. Press [SET] button and simultaneously press and hold [HR] button for 2 seconds will fast set the hour digits, [AM] or [PM] mark will appear on display for 12 hour version clock.

**MINUTE**
Press [SET] button (button beep sound) and at the same time press [MIN] button (button beep sound) to advance minute digits. Press [SET] button and simultaneously press and hold [MIN] button for 2 seconds will fast set the minute digits.

**SECOND**
Press [SET] button (button beep sound) and at the same time press [SEC] button (button beep sound) will reset second digits to zero when second digits are within 0-30 sec. range. When second digits are within 31-59 sec. range, press [SET] and [SEC] button will reset second digits to zero and minute digit advance by 1.

**REPLACEMENT OF BATTERY** (See Fig. 2)
Follow the arrow direction, use a money coin to open the battery cover at back side of Timer.
Remove exhausted battery, insert a new 1.5V G-13 size button cell battery (make sure positive 1+1 is facing yourself) and close battery cover.

**CLIP ATTACHMENT** (See Fig. 2)
The Timer can clip on thin board or shirt pocket by using the plastic clip at back side of Timer.

**MAGNETIC ATTACHMENT** (See Fig. 2)
The Timer can attach on iron or steel surface by using the magnet at back side of Timer.

**TABLE STANDING** (See Fig. 2)
The Timer can stand on table surface by flipping out the metal stand bar at back side of Timer.

**Warranty, Service, or Recalibration**
For warranty, service, or recalibration, contact:

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Control Company is ISO 9001 Quality-Certified by DNV and ISO 17025 accredited as a Calibration Laboratory by A2LA.

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