

Manual – Count-Up / Count – Down Timer

OPERATING INSTRUCTION

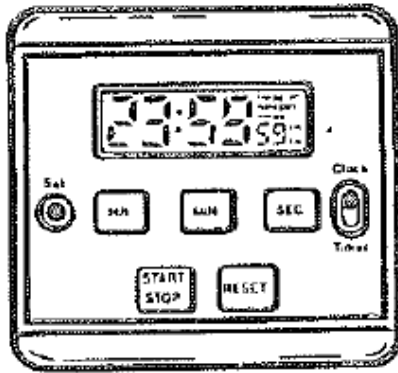


FIG. 1

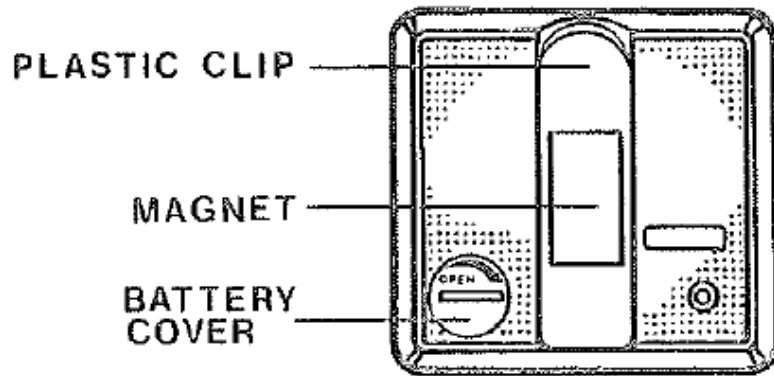


FIG. 2

TIMER FEATURES:

1. LCD Count-down/count-up Timer together with Clock.
2. 6 digits 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.
Count-up Timer : Maximum count-up range is 23 HR. 59 MIN. 59 SEC. at 1 second resolution.
5. Memory recall function for count-down Timer.
6. Timer alarm sounds for 1 minute when Timer counts down to zero.
7. Individual setting buttons for HOUR, MINUTE and SECOND setting.

COUNT-DOWN TIMER SETTING (See Fig. 1)

1. Switch the **TIMER/CLOCK** slide switch to **TIMER** position, 0:00 00 and **TIMER** mark will show on display.
2. Press **HR** button to advance hour digits. Button Confirmative sound can be heard for each press of button. Press and hold **HR** button for 2 seconds will fast set the hour digits.
3. Press **MIN** button to advance minute digits. Button confirmative sound can be heard for each press of button. Press and hold **MIN** button for 2 seconds will fast set the minute digits.
4. Press **SEC** button to advance second digits. Button confirmative sound can be heard for each press of button.. Press and hold **SEC** button for 2 seconds will fast set the second digits.
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.

COUNT-DOWN 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 confirmative 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.

COUNT-DOWN AND COUNT-UP TIME MEASUREMENT:

1. Switch the **TIMER/CLOCK** slide switch to **TIMER** position.
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 confirmative sound can be heard) and at the same time press **HR** button (button confirmative 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 '+' 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.