PROGRAMMABLE CLOCK/TIMER

FRONT

BACK

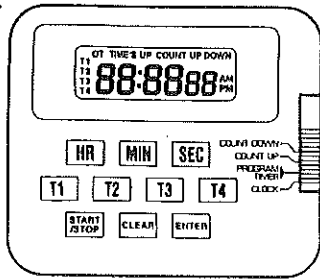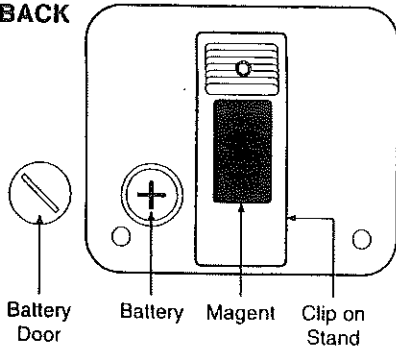Battery Door   Battery   Magent   Clip on Stand

A. BATTERY INSTALLATION

To insert button cell battery (Maxell LR44, Union Carbide A-76 or equivalent), remove battery door on the back cover of case and insert battery in direction indicated.

B. TO SET CLOCK

1. Adjust the sliding switch to the "CLOCK" position, 12:0000 will appear upon power-up.

2. Press "ENTER" for more than 2 seconds to set clock time. The clock display will be flashing.

3. Press "HR", "MIN", "SEC" buttons to set actual time. To fast advance, press and hold the desired button.

4. Press "CLEAR" to select 12/24 hour format.

5. Press "ENTER" to exit time setting. The unit will automatically return to normal time display if no input is detected for 3 seconds.

C. TO START COUNT DOWN

1. Adjust sliding switch to "COUNT DOWN" position, display shows "HOUR", "MINUTE", "SECOND" together with "COUNT DOWN" indicator. Press "HR", "MIN", "SEC" button to set desired time cycle.
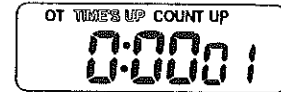

eg. Counting down from 18 hr 38 min 8 sec

2. Press "START/STOP" to start count down, you can temporarily stop or re-start timing cycle by pressing the "START/STOP" button.

Please note, the timer can be activated to count down from 100 hours automatically when "START/STOP" is pressed.

3. A 60-second alarm signal and "TIME'S UP" flag will sound and flash when the timer has completed its operation reaching 0:0000.
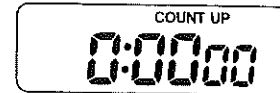

eg. Upon completion of cycle, timer start counting up.

4. At the same time the timer will count up from 0:0000 and shows the "OT" (over time) flag simultaneously, it tells you how long it has been since timer alarm signal sounded.

5. Press "START/STOP" button to stop the alarm and pause "OT" timer, "TIME'S UP" flag will turn off.

6. Press "CLEAR" button to re-set timer to 0:0000. However, if you wish to continue counting up, press "START/STOP" to restart timer in "OT" mode.

7. A 60-second alarm will sound when timer count up to its maximum capacity of 99 hr 59 min 59 sec and stop at 0:0000.

Please note the timer can hold the latest display time when changing the slide switch position to different mode.

D. TO START COUNT UP

1. Adjust the sliding switch to "COUNT UP" position.

2. Press the "START/STOP" button to start timer from 0:0000. Alternatively, the timer can also count up from any desired time set by "HR", "MIN" and "SEC" keys.

3. The timer can be temporarily stopped by pressing "START/STOP" button and cleared by pressing the "CLEAR" button.

4. Timer can count up to 99 hr 59 min 59 sec and stop at 0:0000. A 60-second alarm signal and "TIME'S UP" flag will sound and flash simultaneously.

```
TIME'S UP  COUNT UP
0:0000
```

5. Press any button to stop alarm.

Please note the timer can hold the latest display time when changing the slide switch position to different mode.

E. PROGRAM TIMER

The unit allows 4 different count down timer settings to be stored in memory (T1, T2, T3 and T4) with respective alarm beeping sequence as below.

"T1" alarm sound: "BEEP" in 1 second
"T2" alarm sound: "BEEP BEEP" in 1 second
"T3" alarm sound: "BEEP BEEP BEEP" in 1 second
"T4" alarm sound: "BEEP BEEP BEEP BEEP" in 1 second

The 4 timers can be set TEMPORARILY or programmed into MEMORY.

T1, T2, T3 & T4 Count Down Setting

1. Adjust the sliding switch to the "PROGRAM TIMER" position.

```
        COUNT   DOWN
T1
0:0000
```

2. Press "T1" to enter timer 1 setting. Indicator "T1" will appear on display steadily. Preset memory time can be re-called/checked by pushing "T1" button again. To clear the display press "CLEAR". Preset memory can be cleared by pressing "CLEAR" followed by "ENTER" button.

3. Press "HR", "MIN" and "SEC" keys to set desired time. The edited time setting will remain there as long as the counting cycle is not started/completed and user may switch to other operations.

4. Press "ENTER" to store setting into memory of T1 for future purpose. Please note, previous memory setting will be deleted when new setting is "ENTER".

5. Press "START/STOP" button to start counting down. To stop or pause the time running, press "START/STOP" button.

6. A 60-second alarm and "TIME'S UP" flag will sound when counting cycle is completed and timer reset to 0:0000. Press "START/STOP" or any button to stop alarm.

7. Repeat above for operations of T2, T3 and T4.

Count Up Function

All timers (T1, T2, T3 & T4) can be used as count up timer starting from 0:0000.

1. Simply press "START/STOP" to start count up or to pause and restart.

```
        COUNT UP
T1
0:0001
```

eg. Display showing T1 in counting up mode.

2. Timer can count up to 99 hr 59 min 59 sec and stop at 0:0000. A 60-second alarm signal and "TIME'S UP" flag will sound and flash simultaneously.

3. Press "START/STOP" to stop alarm.

Please note, timer only start counting up from 0:0000. Counting must first be stopped before display can be reset to 0:0000 by "CLEAR" button.

Simultaneous operations:

1. All 4 program timers can be activated individually to operate(count up/down) in parallel, where any activated timer in background will have their corresponding flag flashing on display.

```
        COUNT   DOWN
T1
T2
T3  0:2030
T4
```

eg. Display showing T1 in counting down mode, with T2, T3 & T4 activated in the background.

2. To activate 4 program timers simultaneously, hold "ENTER" and press "START/STOP", timers will start counting down from the pre-set times stored in their respective memory. In case where there is no stored setting(s), timer(s) will count up instead.

3. To stop activated program timer(s) simultaneously, hold "ENTER" and press "START/STOP". (even though they are activated individually)

4. When the 4 timers are generated to sound at the same moment, timer T1 will be generated to sound first, channel 2, 3 and 4 timers will be generated to sound in order.

5. Press "START/STOP" or any button to stop alarm.

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