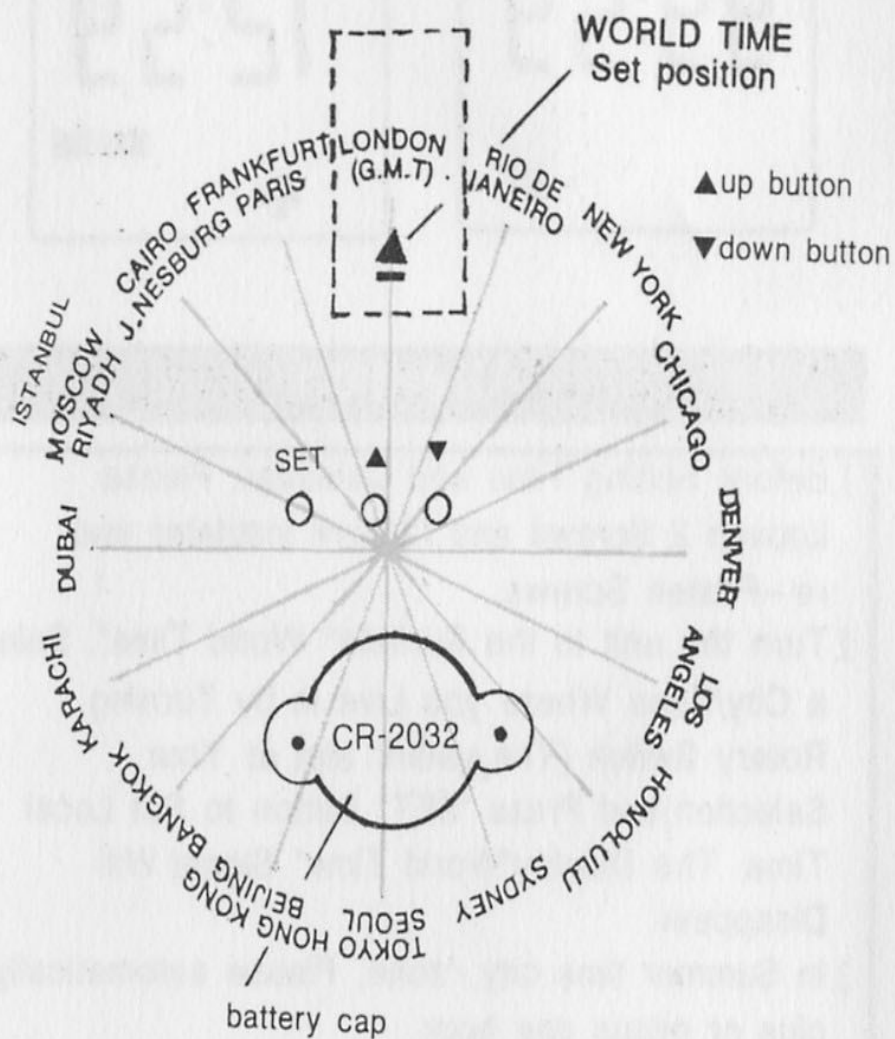


ROTARY SWITCH AND BUTTONS



MAGIC ROTATION CLOCK

Instruction manual

MODEL : TS1001/TS1002

* Feature :

1. Calendar / Time
2. Alarm
3. Timer
4. World time

* Battery : Lithium Battery

CR-2032 3V×1

Please Read This Instruction Manual Carefully

Feature :

1. Calendar : Able to display from year 1995 to year 2015, 20 different years complete with months and days.
 2. Time : Shows hours and minutes.
 3. Alarm : Integrated alarm function.
 4. Timer : Shows from 00:00 to 99:59 count-up timer.
 5. World time : Able to display the time of 18 world famous zone time/city.
 6. Incorporates a key tone(touch tone)function for better feel of the key pads.
 7. Incorporates four side different function.
- (Fig 1~Fig 4)

Fig1 Calendar/Time

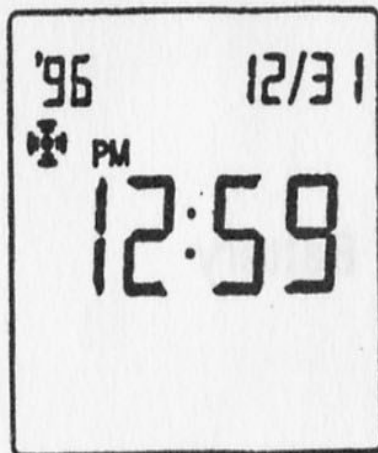


Fig2 Alarm Time

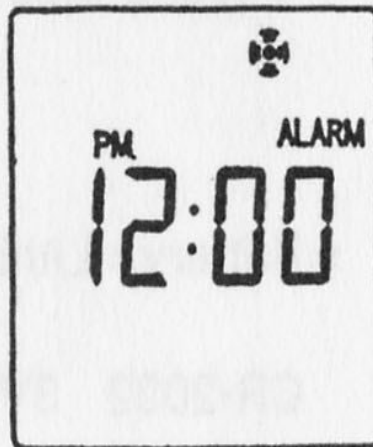


Fig3 Timer

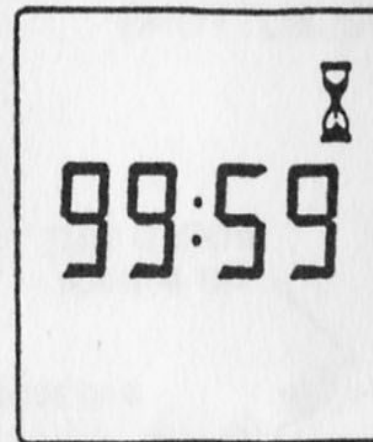
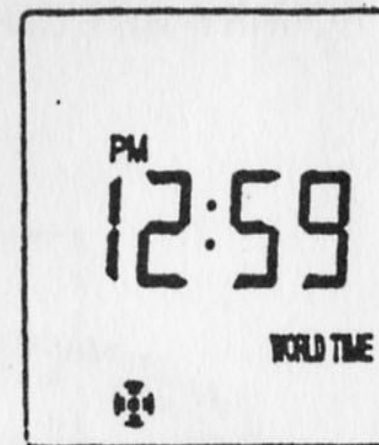


Fig4 World Time



Attention

1. Before Setting Time and Calendar, Please Loosen 2 Screws and remove insulator and re-Fasten Screws.
2. Turn the unit to the Surface " World Time". Select a City/Zone Where you Live in by Turning Rotary Switch (The ▲Mark aim at Your Selection)and Press "SET" Button to Set Local Time. The Display "World Time" Signal Will Disappear.
3. In Summer time city/zone, Please automatically plus or minus one hour.

Operating instructions :



A. Calendar/Time set(local time)

Before setting, please turn the unit to the surface "WORLD TIME". Select and check local time, the display "WORLD TIME" Signal disappear.

- 1) Turn the unit to the surface calendar (fig.1)
- 2) Press SET button you will enter to the [Calendar/Time Setting] function, then you can use the Δ or ∇ button to adjust.
 1. Press SET button \Rightarrow "set the second" SECOND BLINKS \Rightarrow Press Δ or ∇ button RESET SECOND TO 00
 2. Press SET button again \Rightarrow "set the hour" HOUR BLINKS \Rightarrow Press Δ or ∇ button to advance to correct hour
 3. Press SET button again \Rightarrow "set the minute" MINUTE BLINKS \Rightarrow Press Δ or ∇ button to advance to correct minute.
 4. Press SET button again \Rightarrow "set the year" YEAR BLINKS \Rightarrow Press Δ or ∇ button to advance to correct year.
 5. Press SET button again \Rightarrow "set the month" MONTH BLINKS \Rightarrow Press Δ or ∇ button to advance to correct month.

6. Press SET button again \Rightarrow "set the day" DAY BLINKS \Rightarrow Press Δ or ∇ button to advance to correct day \Rightarrow Press SET button again \Rightarrow return to normal" Calendar/Time display".

B. To set Alarm Time

- 1) Turn the unit to the surface alarm (fig.2)
 - 2) Press Δ or ∇ button to set alarm "ON" or "OFF" status. When "ON" status, display will show. 
 - 3) Press SET button you will enter to the [Alarm Setting] function, then you can use the Δ or ∇ button to set desired alarm time.
 1. Press SET button again \Rightarrow "set the hour" HOUR BLINKS \Rightarrow Press Δ or ∇ button to advance to desired hour.
 2. Press SET button again \Rightarrow "set the minute" MINUTE BLINKS \Rightarrow Press Δ or ∇ button to advance to desired minute \Rightarrow Press SET button again \Rightarrow return to "Alarm display".
- *** When the clock reaches to the alarm time set, the buzzer will sound for 1 minute you can press any button or turn the unit to any surface, the alarm sound will stop.
- *** In any surface, if only "ALARM" Signal  shows, the alarm function is ON status.

C. To Start, Stop, Continue Timer

- 1) Turn the unit to surface timer (fig. 3), count-up will start automatically
 - 2) Press ∇ button once will reset 00 : 00.
 - 3) Press \triangle button once will stop count-up timer, press \triangle button once again will continue
- * * Timer will be reset & stopped when turned to other surfaces.

D. World Time display

- 1) Turn the unit to the surface world time (fig. 4)
- 2) Just turn the rotary switch to match the \blacktriangle mark of world time set position if you want to read the desired time of the 18 main area which printing on the rotary switch.

E. Battery Type : CR-2032 3V X 1pcs

F. Battery Replacement :

- Open the battery cap by screwing out for 2 screws.
- Carefully remove the old battery and insert a new one into the battery compartment with (+) positive electrode at top.
- Replace the battery cap and screw it firmly.

