Atomic Talking

Alarm Clock

101077

INSTRUCTION MANUAL

- Full range human voice time and date announcement, with smooth and natural sound quality.
- Atomic Clock. Change to standard time / daylight time automatically.
- Display time with running second, month, date, day-of-week and alarm time.
- Hourly time announcement between 8AM to 10PM inclusively. User can select to tum on or off the hourly announcement.
- Extra long 5 minute alarm sound, with beep tone and current time announce.

- 5 minute snooze function.
- Soft and bright backlight.
- high and low announcement volume selection.
- Button lock function.

The radio controlled clock works on the principle of receiving time signals from the WWVB time signal broadcasting station. If time signal can be received, the clock will be synchronized with the time of the US Atomic Clock and change to standard time / daylight saving time automatically. To enhance good receiving condition, avoid placing the unit near television sets, metal surfaces, computers or electric devices, as these devices will interfere with the reception of radio signals.

Battery installation and replacement

The unit uses 2 AAA batteries. To install or replace batteries, please slide open the batterycompartment (located at the bottom of the unit) by following the direction of the arrow mark. Insert the batteries by following the polarity marked and press the RESET BUTTON once. Close the battery cover and the unit is ready for use now.

When the display (or backlight) is dim or the sound quality drops, it means the battery power is not enough. Please replace both batteries with new ones.

To reset the unit, press the RESET BUTTON once (located inside the battery compartment).

CAUTION:
Never mix different type of batteries.

Receive the time radio signal

The unit will search for time radio signals automatically when it is powered on. The radio signal mark on the right of the time digits (**jj**) will start pulsing to show that receiving is under progress. If time signal is received, synchronization will take 3-15 minutes and the unit will show the received time. The radio signal mark will show three solid bars (pulsing stopped) and stay on the display to indicate that reception 1s successful.

NOTES:
1. During radio signal reception, if setting time or calendar is requested, radio signal reception will be terminated immediately.
2. To re-start the signal reception manually, press the SET/RECEIVE BUTTON (a beep sound will be emitted).

ATTENTION:
During daytime, there may be too much external interference that c a u s e s t h e reception to fail. Under such situation, please set the time manually because:
The unit has an automatic process to start reception, when the clock is showing time between 2-6am. At midnight, interference drops to a minimum level and makes ita perfect environment for time radio signal reception. If the time of the clock isnot set manually when it fails a daytime reception at the first time initiation, then the automatic process may start in the daytime every day (not during midnight) and eventually keep the unit not receiving the signal.

Select the appropriate time zone

Please select the appropriate time zone before reception is started or, after radio signalreception is completed. Otherwise the unit may display incorrect time if the time zone was not set. Above the second digits, there are four marks "P" "M" "C" "E" representing the four time zones in US.

To set the time zone, press and hold the SET/RECEIVE BUTTON until the year digits flash (*"setting year"* will be announced). The unit is now in setting mode. Press the SET/RECEIVE BUTTON twice and the time zone mark will flash (*"setting time zone"* will be announced). Set to "P" (PACIFIC) / "M" (MOUNTAIN) / "C" (CENTRAL) **/** "E" (EASTERN) time zone by pushing the UP or DOWN BUTTON. After setting the appropriate time zone, press and hold the SET/RECEIVE BUTTON until the display stopped flashing (*"setting complete"* will be announced) to end the setting mode.

Set the time and calendar manually

Since the unit works on receiving the time radio signal, there may be locations that the signal is weak and cannot be properly received. Under such circumstance, the radio signal mark will disappear to indicate that reception failed. Try to rotate the unit or place it in other location to achieve better reception and re-start reception again. If the radio signal cannot be received, time should be set manually.

To set time and calendar, press and hold the SET/RECEIVE BUTTON until the year digits flash (*"setting year"* will be announced). Press the UP or DOWN BUTTON to adjust.

Press SET/RECEIVE BUTTON once. The time zone mark will flash (*"setting time zone"* will be announced). Set to "P" (PACIFIC) / "M" (MOUNTAIN) / "C" (CENTRAL) / "E" (EASTERN) time zone by pushing the UP or DOWN BUTTON. Press SET/RECEIVE BUTTON on9e. The hour and minute digits flash (*"setting time"* will be announced). Press the UP or DOWN BUTTON to adjust. Each push of the UP or DOWN BUTTON will adjust one minute and the hour will be changed when 00 minute is run through.
Press SET/RECEIVE BUTTON once will end the setting mode (*"setting complete"* will be announced).

During setting, press and hold the UP or DOWN BUTTON and the corresponding digits will fast advance.

Note: when setting year, date, time zone or time, the corresponding digits will be announced.

e.g. setting year to 2010: *"year two thousand and ten"* will be announced
setting date to January 10th (Saturday): *"Saturday, January tenth"* will be announced.
Setting time zone to "P" (Pacific): *"pacific standard time"* or *"pacific daylight saving time-"* will be announced.
setting time to PM 2:30: *"half past two PM"* will be announced.

Set the alarm time

To start alarm time setting, press any one of the UP or DOWN BUTTON once. The alarm time digits will flash (*"alarm set"* will be announced). Another push of the UP or DOWN BUTTON will set the alarm minute, while the hour will be changed when "00" minute is run through. Press and
. hold the UP or DOWN BUTTON and the digit will fast advance. To end the alarm setting mode, just leave the unit (buttons) untouched for about 5 seconds.

Alarm on/off and hourly announcement

BUTTON and the alarm will be stopped and rest1;me after 5 minutes. To stop the alarm, place the ALARM SWITCH to "OFF" or "(<<[) " (HOURLY ANNOUNCEMENT) position.

When the ALARM SWITCH is placed to "((c[)l" (HOURLY ANNOUNCEMENT) position (*"announcement on"* will be

announced), the unit will announce the time at every hour during 8 AM to 10 PM. Outside this range hourly announcement is automatically shut off
To deactivate both the alarm function and the hourly announcement function, place the ALARM SWITCH to "OFF" position.

Select the announcement volume

To select the high volume level, set the VOL (VOLUME) SWITCH to "HI" position. To select the low volume level, set to "LOW" position.

Time and date announcement

BUTTON once, and current time is announced and the display will light up; press the SNOOZE-BUTTON twice quickly, and the date is announced and the display will light up.

e.g. current time and date is AM 4:02 and April 1st (Sunday).
Press SNOOZE-TALK (1) or (2) BUTTON once: *"The time is now two minutes past four"* will be announced.
Press SNOOZE-TALK (1) or (2) BUTTON twice quickly: *"Today's Sunday, April first"* will be announced.

Change of daylight saving time

The unit will adjust to standard time or daylight saving time automatically, when the time signal is received successfully. When it is changed to daylight saving time,

the "◇" mark will be shown and time is adjusted automatically.

Function Lock

When traveling, the unit can be locked to avoid setting the unit accidentally. To lock the unit, place the LOCK SWITCH to "LOCK" position. The SET BUTTON, DOWN-UP BUTTON and the SNOOZE-TALK (1) BUTTON will be deactivated. The user can still listen to the time or date by pressing the SNOOZE-TALK (2) BUTTON, when the unit is locked.

To unlock, place the LOCK SWITCH to "UNLOCK" position.