

101042

LS45, LLC

1-800-468-4789

Radio Controlled Talking Alarm Clock Radio (with an easy-access Nap Timer allowing you to take a nap without changing your alarm settings)

Features:

- Radio controlled time
- Alarm FM/AM clock radio
- LCD with back light
- Talking button to activate the backlight and voice time
- Easy radio preset; 20 random station presets for FM and another 20 presets for AM
- Dee/Voice and Radio alarms, as well as a snooze function
- Hourly time report
- Count down timer (Nap alarm) - 7 preset time durations for easy use
- Radio sleep timer - 7 preset time durations for easy use
- Automatic battery power back up for AC power failure

Supplied Accessory

1 x certified AC 12V adapter

6. CLOCK/ RADIO

- Selects the clock mode
- Turns on / off the radio

7.& 8. ▲ / CH+, ▼ / CH-

- Adjusts clock / alarm time
- Selects a preset radio station

9. COUNT DOWN / SLEEP

- Sets count down timer (Selects among 7 preset time durations: 10, 20, 30, 40, 50, 60, & 90 minutes)
- Sets radio sleep timer (Selects among 7 preset time durations: 10, 20, 30, 40, 50, 60, & 90 minutes)

10. RESET

- When operation of any button can not be correctly responded, please press RESET to restart.

1. VOL
Adjusts sound level

2. Earphone jack

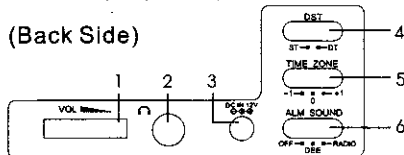
3. DC IN 12V
Adaptor jack

4. DST
Selects standard time (SD) or daylight saving time (DT)

(Note: This switch is not available in the Japanese version model.)

5. TIME ZONE
(For the model picks up the time signal broadcasted from Colorado, USA)

6. TIME ZONE
(For the model picks up the time signal broadcasted from Germany)
(Note: This switch is not available in the Japanese version model.)



Operating the Radio

1. Manual Tuning

- Press **CLOCK/RADIO** to turn on the radio. The display shows the band and frequency.
- Press **MODE/BAND** repeatedly to select the desired band (AM or FM).
- Use **SNOOZE/TUNE+** or **HOURLY REP/TUNE-** to tune in to the desired station.
- Adjust volume using VOL.

2. To turn off the radio, press CLOCK/RADIO

3. To improve reception:

- FM: Extend the FM antenna fully to increase the reception sensitivity.
- AM: Rotate the unit horizontally for optimum reception. Do not operate the unit on a steel desk or metal surface, as this may lead to interference of reception.

4. Preset Tuning

You can preset up to 20 stations each for FM & AM

Presetting a station

- Press **CLOCK/RADIO** to turn on the radio
- Tune to your desired station(See "Manual Tuning")
- Press **SET/MEMORY** to activate programming
=> Display: MEMO flashes
- Press ▲ / CH+, ▼ / CH- once or more to allocate a number from 1 to 20.
- Press **SET/MEMORY** to confirm and save the programming
- Repeat above 5 steps to store other stations

Tuning in to a preset station

- Press **CLOCK/RADIO** to turn on the radio
- Press ▲ / CH+, ▼ / CH- once or more to activate a preset station

Using the Alarm

Before setting the time for the radio and Dee/Voice alarms, make sure you have set the current time. (See "Setting the Clock")

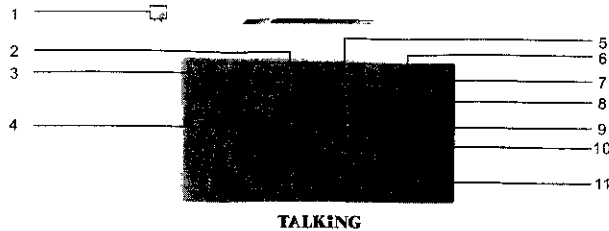
1. Setting the Alarm Time

- Under the time mode (radio off), press **MODE/BAND** twice to access **ALARM SET** mode.
- Under the ALARM SET mode, press **SET/MEMORY** to access HOUR SET, MINUTE SET modes.
- Under HOUR SET, MINUTE SET modes, press ▲ / CH+, ▼ / CH- repeatedly to adjust the time digits.

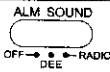
2. ALARM ON - activating the alarm

1

Antenna & LCD



- | | |
|--|---|
| 1. FM ANTENNA: to improve FM reception | 5. SLEEP : radio sleep mode on |
| 2. ALARM SET : alarm set mode on | 6. COUNT DOWN: count down mode on |
| TIME SET : time set mode on | 7. BAND: radio band |
| 3. ☎ : hourly time report on | 8. MEMO: preset radio station |
| SNZ : snooze on | 9. CH 01 : code of a preset radio station |
| ☎ : Alarm on | 10. KHZ/MHZ : radio station frequency |
| 4. 10:00 - hour : minute | 11. 📡 : RCC time signal |
| | 11. 00: second |

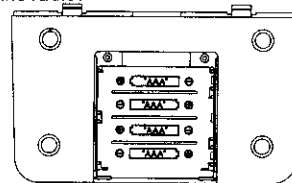
6.  Turns on alarm by shifting the switch to DEE or Radio
Turns off alarm by shifting the switch to OFF
(Note: If "radio alarm" is the choice, the preset radio station of CH01 will be broadcast at the preset alarm time.)

Power Supply

Both radio and clock functions of this model are powered mainly by AC adaptor. When the AC power is disconnected, battery power kicks in as a backup power to ensure the clock's running uninterrupted. Battery power doesn't support the running of the radio.

1. Install batteries

- Open the battery door and insert 4 AAA(UM4)-typed batteries (not included) with the correct polarity as indicated by the "+" and "-" symbols inside the compartment
- Replace the battery door



2. Connect the AC adaptor

- Connect the AC adaptor to the set's DC 12V jack and to the power socket
(Note: To avoid damage to the set, use only the adaptor supplied.)

Setting the Clock

1. Auto setting (RCC - Radio Controlled Clock)

- The unit has a built-in radio controlled clock (RCC). The clock automatically synchronizes the current time when it receives time signal on a certain radio wave.
- For the first time when the set is powered on or reconnected to power, the set will auto perform RCC searching.
- After the unit being plugged in, the clock auto adjusting function is activated automatically. The "📡" will display flashing (on 0.5 seconds then off 0.5 seconds repeatedly) indicating RCC

- Turn on the alarm by sliding the ALM SOUND switch (at back) to DEE or RADIO position, and 📡 will be displayed.

3. SNOOZE ON/OFF

- Shift ALM SOUND (at back) to DEE position.
- Under Clock (radio off) mode, press SNOOZE/TUNE+ repeatedly to activate or deactivate the snooze function.

4. ALARM OFF - stopping the Alarm

- At the time set, the radio will sound until being turned off or the Dee/Voice alarm will sound for 60 seconds if it hadn't been forced to stop.
(Note: If the AC power is disconnected, the preselect radio alarm will be substituted by the Dee/Voice alarm automatically.)
- Under SNOOZE ON mode, the Dee/Voice alarm will sound again 5 minutes after the Dee/Voice sound being stopped. This procedure will repeat itself for three times if the alarm is not cancelled or the snooze isn't turned off.

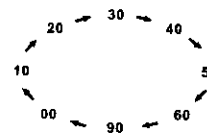
5. Cancelling the Alarm

- Shift ALM SOUND (at back) to off position.
- If the alarm hasn't been cancelled, the alarm will come on again at the same time the next day.

Setting the Sleep Timer

You can enjoy falling asleep to the radio using the built-in sleep timer that turns off the radio automatically after a preset duration.

- Under CLOCK/RADIO ON mode, press COUNT DOWN/SLEEP to select a duration of 10, 20, 30, 40, 50, 60, or 90 minutes. Every press changes the display as follows:
- To turn off the radio before the preset time, press CLOCK/RADIO.



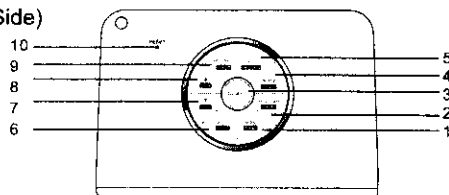
To Use Both Sleep Timer and Alarm

- You can fall asleep to the radio and also be awakened by the radio or Dee/Voice alarm at the preset time.
- Set the alarm. (See "Setting the Alarm")
- Set the sleep timer. (See "Setting the Sleep Timer")

When a desired duration is displayed, stay and wait for 5 flashes of the number and then the countdown starts. And display shifts back to the Clock/Radio mode.

Controls

(Top Side)



- 1. MODE/BAND**
 - Selects the modes of TIME SET, ALARM SET, & TIME
 - Switches between FM & AM radios
- 2. HOURLY REP / TUNE-**
 - Activates the hourly time report function
 - Tunes to radio stations
- 3. TALKING**
 - Activates the voice announcement of the time shown on the display
- 4. SNOOZE/TUNE+**
 - Activates the snooze function
 - Tunes to radio stations
- 5. SET/MEMORY**
 - Activates hour/minute/time format setting mode
 - Save a radio station as a preset channel

searching is in progress.

- When RCC searching is completed and the clock is adjusted, ▲ will stop flashing and remain in the display.

(Note: If the unit fails to receive the time signal after each RCC searching, the flashing pattern of the "▲" will change from "on 0.5 seconds then off 0.5 seconds" to "on 0.5 seconds then off 1.5 seconds repeatedly" until the time signal being received in next attempt.)

2. To adjust to your local time

- The time searched by RCC is the time of the place where the time signal broadcasting station located. To adjust to your local time, select the right Time Zone (for Continental USA signal model) or the right hour difference on Time Zone switch (for German signal model) by calculating the time difference between your local time and the time of the signal broadcasting station's location.

(Note: The adjustment is not required for the Japanese version model.)

3. About reception

- RCC time will be updated automatically at 2:10a.m., 3:10a.m., and 4:10a.m. everyday. Each RCC searching lasts for three minutes. If one attempt is not successful, the set will try the 2nd time, and even the 3rd time.
- To get the best reception of broadcast signal, place the set nearer to a window and change direction if one direction does not work.
- Same as all wireless devices, some environmental effects may affect the reception, such as surrounded by heavy concrete, metal panel and electronic interference, nearby mountains and valleys, long transmitting distance, etc.

4. Manual setting

You may also set or adjust time manually.

- Under the Clock (radio off) mode, press **MODE/BAND** once to access **TIME SET** mode.
- Under the **TIME SET** mode, press **SET/MEMORY** to access **HOUR SET, MINUTE SET, and 12H/24H SET** modes.
- Under **HOUR SET, MINUTE SET, and 12H/24H SET** modes, press ▲/CH+, ▼/CH- repeatedly to adjust the time digits or select the time format.

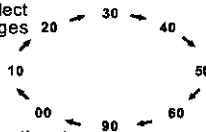
(Note: Japanese version model is only available in 12H time format. And German version model is only available in 24H time format.)

Setting the Count down Timer (Nap Timer)

You can enjoy a nap without tedious alarm setting work by using the built-in nap timer which will wake you up after a preset duration.

- Under **CLOCK/RADIO OFF** mode, press **COUNT DOWN/SLEEP** to select a duration of 10, 20, 30, 40, 50, 60, or 90 minutes. Every press changes the display as follows:

When a desired duration is displayed, stay and wait for 5 flashes of the number and then the countdown starts.



- Hit any button on the top to stop the Dee alarm when the count down time is up.
- To turn off the nap timer before the preset time, press **COUNT DOWN/SLEEP** once, and **MODE/BAND** once.

Activate / Deactivate the Hourly Time Report Function

- Under the Clock (radio off) mode, press **HOURLY REP/TUNE-** repeatedly to turn on (🕒 will be displayed) or off the hourly time report function.
- Under the Hourly Time Report ON mode, voice time will be given at each sharp hour started from 6:00 and end up at 22:00 daily.

(Note: Japanese version model is only available in 12H time format. And German version model is only available in 24H time format.)

Appendix

For the model picks up the time signal broadcasted from Germany, please select the right hour adjustment position (-1, 0, +1) under the **TIME ZONE** switch to get the right local time.

Country/ Major City list for each time zone (-1H, 0H, and +1H):

- -1H
(England) London, (Ireland) Dublin, (Portuguese) Lisbon, (Iceland) Reykjavik
- 0H
(Spain) Madrid, Barcelona, (France) Paris, (Belgium) Brussels, (The Netherlands) Amsterdam, (Switzerland) Geneva, Zurich, (Germany) Frankfurt, Berlin, (Norway) Oslo, (Denmark) Copenhagen, (Italy) Rome, (Czech) Prague, (Croatia) Zagreb, (Austria) Vienna, (Sweden) Stockholm, (Hungary) Budapest, (Serbia) Belgrade, (Poland) Warsaw
- +1H
(Estonia) Tallinn, (Finland) Helsinki, (Romania) Bucharest, (Belorussia) Minsk, (Turkey) Istanbul, (Ukraine) Kyiv, Odessa