



FUNCTION AND CONTROLS

1. VOLUME DOWN /NAP
2. VOLUME UP
3. << / TUNE - / YEAR / MONTH / DAY
4. >> / TUNE +
5. ALARM 1 ON / OFF SET
6. ALARM 2 ON / OFF SET
7. SET / MEM / M+
8. SNOOZE / SLEEP / DIMMER
9. ON / OFF RADIO / ALARM OFF
10. RATING LABEL
11. DISPLAY
12. BATTERY COMPARTMENT
13. SPEAKER
14. FM ANTENNA
15. RADIO CONTROLLED CLOCK ANTENNA
16. AC POWER CORD

INTRODUCTION

The unit is designed to automatically synchronize its current time and date with radio signal generated from DCF 77 Frankfurt, Germany.

POWER CONNECTION

Plug the AC power cord to a household outlet AC source. This unit is equipped with a battery back up system, it requires a 3V CR2032 flat lithium battery (not included). Insert the battery in the battery compartment, making certain that the positive and negative (+ and -) battery terminals are attached to the corresponding terminals on the plate in the battery compartment. If an AC power failure occurs; the clock automatically switches to the battery power supply, the clock and time memory continue running. When the AC power resumes, the clock switches back to AC again.

GETTING START

Plug the AC power cord to a household outlet AC source.

- The unit will display full segment for two seconds, then it will enter the normal mode.
- Display will lighten up.
- The unit will start searching RCC (RADIO CONTROLLED CLOCK) signal automatically.
- Antenna tower icon will turn on and keep displaying.
- Wave icon will start blooming and keep changing by 0.5 second interval.
- Automatically stop after 10 minutes if fail in receiving.

Note: Auto search can be stopped by pressing snooze button (8) for 3 seconds.



Display in good reception mode.

- Antenna tower icon and all wave icons will keep displaying.



Display in poor reception mode

- Antenna tower icon and all wave icons will turn off.

1. RECEPTION

- It will take 3-10 minutes to complete.

Note: For best results, place the radio controlled clock antenna (15) away from metal or electrical objects and near a window with a clear view to the sky.

2. SETTING WITH RADIO CONTROLLED:

- Not necessary as it is automatically adjusted.

3. SETTING WITHOUT RADIO CONTROLLED MANUAL SETTING:

- Can be done when antenna tower icon is turned off by pressing SNOOZE button (8) for 3 seconds.

TIME AND CALENDAR MANUAL SETTING

Setting Time and Calendar

Press SET/MEM/M+ (7) button in standby mode and keep depress over 2 seconds to enter time set mode, after enter the setting mode, press SET/MEM/M+ button (7) to change the mode cycle as follows:

Normal → Year → Month → Day → 12/24 H format → Real time Hour → Real time Min → Normal

Action (during data adjustment):

- Press << / Tune - button (3) to adjust data backward.
- Press >> / Tune + button (4) to adjust data forward.
- Keep depressed << or >> button for 2 seconds to enable auto forward.
- Use SET/MEM/M+ (7) button to confirm each setting.

ALARM SETTING

Setting Alarm 1 and Alarm 2

Press the alarm set button (5/6) during normal mode to show the alarm time. Afterwards keep depress the alarm set button (5/6) over 2 seconds to enter the alarm set mode. After enter the setting mode, press the alarm set button (5/6) to change the mode cycle as follows :

Normal → AL 1 Hour → AL 1 Min → AL 1 weekday Alarm → AL 1 wake beep → AL 1 wake radio → AL 1 wake radio volume → Normal.

Normal → AL 2 Hour → AL 2 Min → AL 2 weekday Alarm → AL 2 wake beep → AL 2 wake radio → AL 2 wake radio volume → Normal.

Select alarm weekday mode as follows:

- 1-5: Monday to Friday
- 1-7: Whole week
- 6-7: Saturday & Sunday
- 1-1: One day of week

ACTION (DURING DATA ADJUSTMENT):

- Press << / Tune - (3) button to adjust data backward.
- Press >> / Tune + (4) button to adjust data forward.
- Keep depressed << or >> button for 2 seconds to enable auto forward.
- Use ALARM 1 / ALARM 2 set button to confirm each setting.

ALARM

Beep alarm or radio alarm will ring for 30 minutes if no key is pressed, then it will stop automatically and wait for same alarm time on next day.

Enable / disable the Alarm

Press and hold the "ALARM 1" (5) / "ALARM 2" (6) button to enable or disable the alarm. Once the alarm is activated, the bell symbol will be appeared on the display.

SNOOZE FUNCTION

When Alarm rings, press Snooze button (8) to suspend the alarm & to activate the snooze function, Beep or Radio alarm will stop. 9 minutes later the alarm will ring again. Press SNOOZE key again, alarm will be suspended again, another 9 minutes later the alarm will ring again and so on until the next alarm rings.

Note: The interval time of the Snooze function is 9 minutes.

- If you want to disable the SNOOZE function and stop alarm completely, press Radio ON/OFF button (9). If you don't press any button, the alarm will ring during 30 minutes & stop automatically.
- Icon of AL1 and AL2 will blink as long as Snooze function is still operating. Once Snooze is turned off icon of AL1 / AL2 stop blinking and lights on the display.

RADIO MODE

Note: Ensure that the FM antenna is completely unrolled and extended to have the best FM reception.

1. Press the Radio ON/OFF button (9) to turn the unit on.
2. Use the Tune - (3) or Tune + (4) button to select the desired radio station. If you press and hold the Tune - (3) or Tune + (4) button for one second, then release, the unit will automatically scan to the next broadcasting station.
3. Press the ON/OFF button (9) to turn the radio OFF.

To set / recall the radio presets

1. Press the ON/OFF button (9) to turn the unit ON.
2. Use the Tune + or Tune - button to select the desired radio station.
3. Press and hold the memory / memory + button; "P01" will blink in the display. Use the Tune+ or Tune- button to select the desired preset station (P01-P10)
4. Press the memory / memory + button again to set the preset.
5. Repeat steps 2 through 4 to set more presets.
6. The unit can preset 10 stations totally for FM.
7. When "P01-P10" is blinking, press the Tune+ or Tune- button to select the preset number.
8. When recalling preset stations, press memory / memory + button to select the preset number.

SLEEP OPERATION

When you listen to the radio, press the SNOOZE/SLEEP/DIMMER (8) button to enter into the sleep mode. You can adjust the sleep timer from 90 minutes to 15 minutes by pressing repeatedly the SNOOZE/SLEEP/DIMMER button (8). When sleep timer is selected, the unit will automatically turn off once time is up.

NAP timer function (count down timer)

During radio off mode, press the NAP button (1), to turn on the NAP mode, the NAP time will keep by 5 seconds, within 5 seconds and press NAP button (1) button can change the duration from 90 min – 10 min.

The alarm buzzer will sound for 30 min and then shut off automatically. To stop the alarm buzzer, press the ON/OFF button (9).

Press the NAP button (1) has no effect during alarm operation. Press ON/OFF button (9) to cancel NAP function.

DIMMER CONTROL

In standby mode, press the SNOOZE/SLEEP/DIMMER (8) button allows you to set the brightness of the LCD display to high, medium and low 3 levels.

SPECIFICATIONS

Frequency range : 87.5 – 108 MHz

Battery backup : 3V (CR2032 Flat Lithium battery x 1) not included

Power supply : AC230V 50Hz

RESETTING

If the system does not respond or exhibits erratic or intermittent operation, you may have experienced an electrostatic discharge (ESD) or a power surge that triggered the internal microcontroller to shut down automatically. If this occurs, simply disconnect the ac power cord and remove the system backup battery, wait for at least 3 minutes and then setup the unit again as if it is a brand new unit.

WARNING

1. No naked flame sources, such as lighted candles, should be placed on the apparatus.
2. Do not place the product in closed bookcases or racks without proper ventilation.
3. Where the mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
4. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
5. It shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
6. Do not connect FM antenna to outside antenna.
7. The unit should not be exposed to direct sunlight, very high or low temperature, moisture, vibrations or placed in dusty environment.
8. Do not use abrasive, benzene, thinner or other solvents to clean the surface of the unit. To clean, wipe it with mild non-abrasive detergent solution and clean soft cloth.
9. Never attempt to insert wires, pins or other such objects into the vents or opening of the unit.
10. Disconnect device warning : Main plug is used as the connection, so it should always remain ready operate.
11. Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION

Danger of explosion if battery is incorrectly replaced
Replace only with the same or equivalent type