

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before use and keep for future reference.

WARNING

- Misuse or modification of this appliance may result in breakdown or injury.
- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

IMPORTANT INFORMATION

- The appliance is intended for household use only.
- The appliance should always be turned OFF before plugging or unplugging from socket. Never yank cord to disconnect from socket, instead, grasp plug and pull to disconnect.
- Check that the voltage on the rating plate of your product corresponds with your local electricity supply which must be A.C. (Alternating Current).
- If the mains sockets in your home are not suitable for the plug supplied with this product, check with a qualified electrician for replacement.

AC POWER PERFORMANCE

- Do not use in environments which are extremely hot, cold, dusty or humid.
- Keep the unit free from dust and clean with a dry cloth.
- Do not use in areas exposed to direct sunlight or where it can become extremely hot.
- Keep away from sources of strong magnetism, such as televisions or speakers.
- Avoid placement where there is a lot of movement, vibration or on an unstable surface.

FOR SAFETY

- Do NOT:
 - Attempt to disassemble this unit or carry out repairs.
 - Attempt to modify the unit in any way.
 - Make sure that foreign objects do not get inside the unit.
 - Place naked flame sources - such as lit candles or near the unit.
 - Place objects filled with liquids - such as vases, on or next to the unit.
 - Cover the unit - after the unit is to be re-wired.
- Drop the unit or subject it to strong shocks.

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CHILDREN

- Children do not always understand the dangers associated with operating electrical appliances. Never allow children to use this appliance.

POWER SUPPLY

- If the unit uses a mains supply, ensure that the plug is securely inserted into the mains socket, and it is easily accessible.
- Protect the power lead from sharp objects, excessive heat and damp or wet locations. Check the power lead periodically, and replace if damaged.
- If the unit uses batteries, please ensure that they are inserted correctly - observing the polarity (+/-).
- Do not mix new and used batteries.
- Please make sure that used batteries are disposed of correctly. Do not burn or incinerate.
- Batteries should not be exposed to excessive heat such as sunshine, fire or the like.
- Check that the voltage on the rating plate of your product corresponds with your local electricity supply which must be A.C. (Alternating Current).
- Any repairs should only be carried out by a fully qualified electrician or an authorised service agent.
- The socket outlet shall be installed near the equipment and shall be easily accessible.

LISTENING WITH SPEAKER

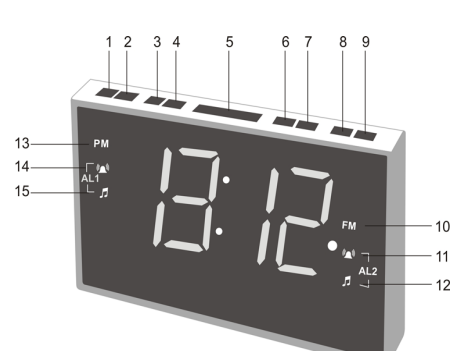
- Listen at moderate volume to avoid hearing damage.
- If you hear no sound during playback, do not turn the volume up as the music may suddenly begin at a high volume.
- To avoid damaging your ears, adjust the volume to the lowest level before playback, and turn up to the desired level when playback has started.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER SERVING TO QUALIFIED SERVICE PERSONNEL.

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KNOW YOUR MACHINE



- | | |
|------------------------------|------------------------------|
| 1. ON/OFF BAND | 2. TIME/PRESET |
| 3. PRESET | 4. PRESET |
| 5. SNOOZE/SLEEP DIMMER | 6. ALARM 1 VOLUME |
| 7. ALARM 1 VOLUME | 8. HOUR/TIME |
| 9. MINUTE/TUNE | 10. FM indicator |
| 11. ALARM 1 BUZZER INDICATOR | 12. FM indicator |
| 13. FM indicator | 14. ALARM 1 BUZZER INDICATOR |
| 15. ALARM 1 RADIO INDICATOR | |

GETTING STARTED

POWER SOURCE

TO USE AC HOUSE CURRENT

1. Please check carefully that the voltage indicated on your set corresponds to the voltage of your local area.
2. Plug the AC cord into the standard household electrical socket.

BATTERY BACKUP

This unit has a backup battery facility, which provides power in the event of a power cut.

1. Remove battery door.
2. Insert 2 new AAA size batteries (not included) with the correct polarity.
3. Shut the battery door.

If there is a power failure, the time setting, alarm setting and all the memory setting will maintain due to the DC power supply by the battery. The LED display will not be illuminated to save power. After AC power resumes, the unit can function properly immediately according to the setting before the power failure.

Note: When you are not going to use the unit for a long period of time, disconnect the AC power cord from AC outlet and remove the battery.

OPERATION

RADIO OPERATION

1. Press the ON/OFF BAND button (1) once to turn on the radio. The radio is receiving in FM band with the FM indicator (15) turned on and the LED (1) is showing the frequency. (Fig. 1)
2. Press the ON/OFF BAND button (1) once again to alternate the radio band that the radio is receiving. No indicator will be turned on in case AM band is chosen. After 3 seconds, the LED will change back to show the time. (Fig. 2)
3. Press HOUR/TIME up or MINUTE/TUNE (8) to turn into the desired station by above of the following methods. (Fig. 3)

Manual Setting: Press either of the 2 tuning buttons, HOUR/TUNE (8) or MINUTE/TUNE (8).

For AM band, the radio can tune starting from 530 KHz to 1600 KHz, each pressing of HOUR/TUNE button (8) can tune down by 1 KHz and each pressing of MINUTE/TUNE (8) button (8) can tune up by 1 KHz.

For FM band, the radio can tune starting from 87.5 MHz to 108 MHz, each pressing of HOUR/TUNE button (8) can tune down by 1 MHz and each pressing of MINUTE/TUNE (8) button (8) can tune up by 1 MHz.

Auto Station: Press and hold either of the 2 tuning buttons, HOUR/TUNE button (8) or MINUTE/TUNE (8) for more than 2 seconds and auto tuning will be performed. Tuning will stop automatically until a clear radio signal is found. Repeat the same procedure by using the same button until your desired station is found.

To stop auto tuning, press any button once.

Note: In some areas where the radio signal is not strong enough, the auto tuning process may not be able to

OPERATION

Stop automatically in the desired station. In such case, please use the Manual Tuning method to tune to the desired station according to instruction above. This may happen more probably when tuning the radio in AM band.

4. Press ALARM 2 VOLUME button (7) or ALARM 1 VOLUME button (6) to increase or decrease the volume to the desired level. The volume level ranges from 0 to 16, and the LED will show the volume level during volume adjustment. (Fig. 4)

5. Press and hold the ON/OFF BAND button (1) to turn off the radio. (Fig. 5)

Note 1: The current station (either AM or FM) and also the current volume level will be remembered at the time when the radio is turned off. Once you turn on the radio again, the remembered station will broadcast with the remembered volume level.

Note 2: For the best FM reception, extend the FM antenna wire to its full length and vary the direction to receive the strongest signal. Do not connect the FM antenna wire to an outdoor antenna.

Note 3: For the best reception, a ferrite bar antenna is built-in. Since this antenna is direction oriented, turn the unit to a direction at which the reception becomes optimal.

PRESETTING YOUR FAVORITE STATION

You can preset up to 10 stations in 10 memories for each band. These 10 memories are indicated as preset numbers P01, P02, P03, P04, P05, ... up to P10.

1. During the radio operation mode, follow step 4 in "Operating the radio" and tune the radio to the station that you wish to preset.

2. Press and hold the TIME/PRESET button (2) for more than 1 second until the number after last memorized preset number appears and flashes. (Fig. 6)

OPERATION

3. You can then choose the preset number that you want to memorize this station by pressing PRESET (2) to step down the sequence, or by pressing PRESET+ button (3) to step up the sequence. (Fig. 7)

4. Choose the preset number is chosen, it will keep flashing for 5 seconds. Press TIME/PRESET button (2) once within this 5 seconds, then the preset number and the LED will also flashing and change to show the frequency, then change to show the time after 5 seconds. (Fig. 8)

5. If the TIME/PRESET button (2) is not pressed within this 5 seconds period, then the preset number will be shown for 3 seconds, then change to show the radio frequency. After 3 seconds, the LED will switch to show the time. (Fig. 9)

6. If the chosen preset number is already memorized with a station, the above procedure will allow the newly preset station to supersede the originally memorized station.

7. In following the above steps, you can memorize your 10 preset favorite stations.

PRESETTING BY AUTO SCANNING

This radio can automatically search all stations in each band and stored the 14 searched 10 stations into memory location. Please follow the following step.

1. Turn on the radio, and select the wanted TIME/PRESET button (2) once, or just leave 5 seconds, then the display stop flashing, and the clock will start run from the set time. (Fig. 10)

2. Change the current time, switch off the radio, Press and hold TIME/PRESET button (2) for 2 seconds until the display flashes, then follow the same steps as point 1, 3, 4 above to set the new time. (Fig. 11)

3. After the desired station is chosen, the display will change to show the current time.

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COMMON to FM band, but at the 10 memories locations are not yet used, and then the scanning will start again from the set time, i.e. 87.5 MHz until all the 10 memories locations are filled up.

4. After the scanning is completed, the radio will be tuned to the station stored in the PRESET number P01.

TUNING TO A PRESET STATION

1. When the radio is on (either AM or FM), press PRESET button (2) or Preset+ button (3) to choose the PRESET number, in which your desired station is stored. (Fig. 11)

2. Radio is then tuned to the desired station. The preset number will be shown for 3 seconds, then change to show the radio frequency. After 3 seconds, the LED will switch to show the time. (Fig. 12)

3. Press HOUR/TUNE button (8) repeatedly to choose the correct HOUR. Please make sure FM indicator (15) is turned on if the set alarm time is in FM session. (Fig. 13)

4. Press MINUTE/TUNE button (8) repeatedly to choose the correct MINUTE. (Fig. 14)

5. After setting the desired alarm time, either press ALARM 1 VOLUME button (6) again, or simply wait for 5 seconds, then the display will return to the current time and the set alarm time is confirmed. (Fig. 15)

6. Now press ALARM 1 VOLUME button (6) repeatedly to choose the correct MINUTE. (Fig. 16)

7. After setting to the correct time, either press TIME/PRESET button (2) once, or just leave 5 seconds, then the display stop flashing, and the clock will start run from the set time. (Fig. 17)

8. Change the current time, switch off the radio, Press and hold TIME/PRESET button (2) for 2 seconds until the display flashes, then follow the same steps as point 1, 3, 4 above to set the new time. (Fig. 18)

9. After the desired station is chosen, the display will change to show the current time.

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OPERATION

function. Each alarm function can be set independently either wake to radio, or wake to buzzer. When any one of the set alarm is wake to radio, please be reminded to select the option back, station and volume level before turning off the radio.

1. To set the alarm time, the radio must be turned off.

2. Press ALARM 1 VOLUME button (6), the LED lights will flash, indicating that alarm time of ALARM 1 is ready to be set with either ALARM 1 Buzzer indicator (14) or Alarm 1 Radio indicator (15) is turned on. (Fig. 14)

3. Press HOUR/TUNE button (8) repeatedly to choose the correct HOUR. Please make sure FM indicator (15) is turned on if the set alarm time is in FM session. (Fig. 15)

4. Press MINUTE/TUNE button (8) repeatedly to choose the correct MINUTE. (Fig. 16)

5. After setting the desired alarm time, either press ALARM 1 VOLUME button (6) again, or simply wait for 5 seconds, then the display will return to the current time and the set alarm time is confirmed. (Fig. 17)

6. Now press ALARM 1 VOLUME button (6) repeatedly to choose the correct MINUTE. (Fig. 18)

7. After setting to the correct time, either press TIME/PRESET button (2) once, or just leave 5 seconds, then the display stop flashing, and the clock will start run from the set time. (Fig. 19)

8. Change the current time, switch off the radio, Press and hold TIME/PRESET button (2) for 2 seconds until the display flashes, then follow the same steps as point 1, 3, 4 above to set the new time. (Fig. 20)

9. After the desired station is chosen, the display will change to show the current time.

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OPERATION

7. When you set the Alarm 2, just follow the above step 2 to 8 by using the ALARM 2 VOLUME button (7) instead of ALARM 1 VOLUME button (6). Subsequently, the wake to buzzer status of alarm 2 will be indicated by Alarm 2 Buzzer indicator (14). The wake to radio status of alarm 2 will be indicated by Alarm 2 Radio indicator (15). (Fig. 20)

8. When the Alarm is turned on, either:
 - A) Press ON/OFF BAND button (1) once to switch off the alarm. You can see that the alarm indicator is still on, implying the Alarm function is still activated and turned on again after 24 hours. (Fig. 21)
 - B) Press the SNOOZE/SLEEP DIMMER button (5), the alarm sounds will stop temporarily for 5 minutes and will sound again after. (See SNOOZE SETTING below)
 - C) If the button is pressed after the alarm sounds, the alarm will keep turned on and then turned off 1 hour after alarm time.

- D) To disable the alarm function, press ALARM 1 VOLUME button (6) or ALARM 2 VOLUME button (7) until their indicators (radio or buzzer) disappear on the display. (Fig. 22)

- E) Press the SNOOZE/SLEEP DIMMER button (5) repeatedly to stop the alarm sounds. (Fig. 23)

- F) Press the SLEEP/SNOOZE DIMMER (5) button, then the radio is turned on with the display showing for 30 seconds. (Fig. 24)

- G) Press the SLEEP/SNOOZE DIMMER (5) button repeatedly until the display shows the desired SLEEP time period. The time period is shown on the display in sequence as 00:00-01:00, 01:00-02:00, 02:00-03:00, 03:00-04:00, 04:00-05:00, 05:00-06:00, 06:00-07:00, 07:00-08:00, 08:00-09:00, 09:00-10:00, 10:00-11:00, 11:00-12:00, 12:00-13:00, 13:00-14:00, 14:00-15:00, 15:00-16:00, 16:00-17:00, 17:00-18:00, 18:00-19:00, 19:00-20:00, 20:00-21:00, 21:00-22:00, 22:00-23:00, 23:00-24:00. (Fig. 25)

- H) Press the SLEEP/SNOOZE DIMMER (5) button, then the radio is turned on with the display showing for 30 seconds. (Fig. 26)

- I) Press the SLEEP/SNOOZE DIMMER (5) button repeatedly until the display shows the desired SLEEP time period. The time period is shown on the display in sequence as 00:00-01:00, 01:00-02:00, 02:00-03:00, 03:00-04:00, 04:00-05:00, 05:00-06:00, 06:00-07:00, 07:00-08:00, 08:00-09:00, 09:00-10:00, 10:00-11:00, 11:00-12:00, 12:00-13:00, 13:00-14:00, 14:00-15:00, 15:00-16:00, 16:00-17:00, 17:00-18:00, 18:00-19:00, 19:00-20:00, 20:00-21:00, 21:00-22:00, 22:00-23:00, 23:00-24:00. (Fig. 27)

- J) Press the SLEEP/SNOOZE DIMMER (5) button repeatedly until the display shows the desired SLEEP time period. The time period is shown on the display in sequence as 00:00-01:00, 01:00-02:00, 02:00-03:00, 03:00-04:00, 04:00-05:00, 05:00-06:00, 06:00-07:00, 07:00-08:00, 08:00-09:00, 09:00-10:00, 10:00-11:00, 11:00-12:00, 12:00-13:00, 13:00-14:00, 14:00-15:00, 15:00-16:00, 16:00-17:00, 17:00-18:00, 18:00-19:00, 19:00-20:00, 20:00-21:00, 21:00-22:00, 22:00-23:00, 23:00-24:00. (Fig. 28)

- K) Press the SLEEP/SNOOZE DIMMER (5) button repeatedly until the display shows the desired SLEEP time period. The time period is shown on the display in sequence as 00:00-01:00, 01:00-02:00, 02:00-03:00, 03:00-04:00, 04:00-05:00, 05:00-06:00, 06:00-07:00, 07:00-08:00, 08:00-09:00, 09:00-10:00, 10:00-11:00, 11:00-12:00, 12:00-13:00, 13:00-14:00, 14:00-15:00, 15:00-16:00, 16:00-17:00, 17:00-18:00, 18:00-19:00, 19:00-20:00, 20:00-21:00, 21:00-22:00, 22:00-23:00, 23:00-24:00. (Fig. 29)

- L) Press the SLEEP/SNOOZE DIMMER (5) button repeatedly until the display shows the desired SLEEP time period. The time period is shown on the display in sequence as 00:00-01:00, 01:00-02:00, 02:00-03:00, 03:00-04:00, 04:00-05:00, 05:00-06:00, 06:00-07:00, 07:00-08:00, 08:0