RadioShack®

1201781
User's Guide

Digital Clock Radio with Weather Forecast

We hope you enjoy your Digital Clock Radio with Weather Forecast from RadioShack. This radio keeps you updated with time, humidity, temperature and weather forecast while listening to your AM/FM radio. Please read this user's guide before using your radio.

Package Contents

• Digital Clock Radio
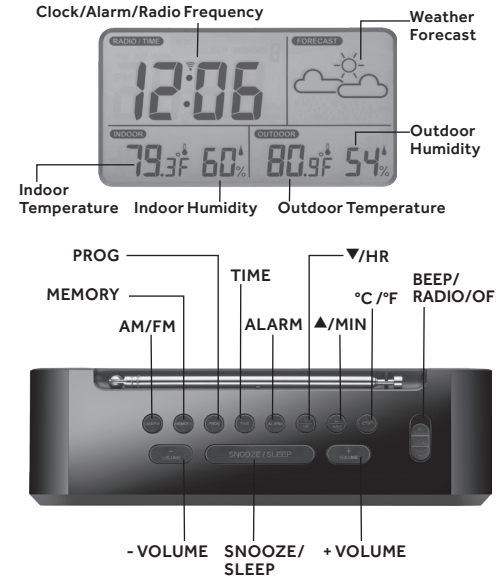• AC Adapter
• Wireless Sensor
• User's Guide

Specifications

Power Supply..
   AC Adapter...6V DC, 600mA

   Radio...3 x AA batteries (not included)
   Sensor...2 x AA batteries (not included)
Frequency Range...............AM: 530 – 1710 KHz; FM: 88 – 108 MHz
Tuning Step...AM: 10 KHz; FM: 200 KHz
Frequency Response...270 Hz – 1.7 KHz
S/N Ratio...AM: 30dB; FM: 40dB
Impedance...8 Ohms
Transmission Frequency..433 MHz
Operating Range..90 ft. (27.43 m)
Temperature Operating Range..
   Indoor...32°F to 113°F (0°C to 45°C)
   Outdoor...-4°F to 140°F (-20°C to 60°C)
Temperature Accuracy...
   Indoor...32°F to 104°F (0°C to 40°C): ±1°C
   Outdoor................................-4°F to 140°F (-20°C to 60°C): ±2°C
Humidity Range..20% to 95% ±5%

Specifications are subject to change and improvement without notice. Actual product may vary from the images found in this document.

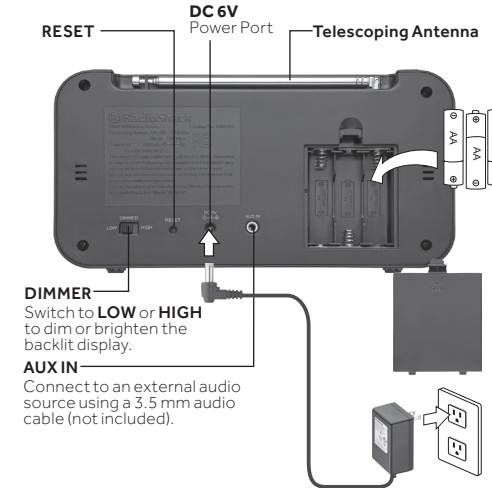## Important Safety Information

1. Read instructions before operating the product.

2. Retain instructions for future reference.

3. Heed all warnings.

4. Follow all instructions.

5. Do not use this apparatus near water.

6. Clean only with a dry cloth.

7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

8. Do not defeat the safety purpose of the polarized or grounding - type plug. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

9. Protect the power cord from being walked on or pinched, particularly plugs, convenience receptacles, and the point where they exit from the radio.

10. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.

11. Only use attachments/ accessories specified by the manufacturer.

12. Unplug this radio during lightning storms or when unused for long periods of time.

13. The radio shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on radio.

14. Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

Clock/Alarm/Radio Frequency

Weather Forecast

Indoor Temperature
Indoor Humidity
Outdoor Temperature
Outdoor Humidity

PROG
MEMORY
AM/FM
TIME
ALARM
▼/HR
°C /°F
▲/MIN
BEEP/ RADIO/OFF

- VOLUME
SNOOZE/ SLEEP
+ VOLUME

Power your Radio

The radio can be powered by AC power and by batteries. When it is powered by AC power, batteries can act as a backup power source for power outages. Settings and data memory will be lost if both AC is out and batteries are removed.

• Connect the supplied AC adapter cable into the radio's power port, and plug the adapter into a standard AC outlet. The LCD backlit display lights blue.

RESET
DC 6V
Power Port
Telescoping Antenna

DIMMER
Switch to **LOW** or **HIGH** to dim or brighten the backlit display.

AUX IN
Connect to an external audio source using a 3.5 mm audio cable (not included).

Install Batteries

1. Open the battery cover.

2. Install three AA batteries (not included) as indicated by the polarity symbols (+ and -) marked inside.

3. Replace the battery cover.

Note:

• When ⊠ and the readings in the radio's RADIO/ TIME display flash, replace the batteries.

• In battery-powered mode, the LED backlight lights blue when you press any radio button. It then turns off after 5 seconds to save the battery power.

• Dispose of batteries promptly and properly. Do not burn or bury them.

• Use only fresh batteries of the required size and type.

• Do not mix old and new batteries, different types of batteries (alkaline or rechargeable), or rechargeable batteries of different capacities.

• If you do not plan to use the radio for a long time, remove the batteries. Batteries can leak chemicals that can damage electronic parts.

Dim the LED Backlight

You can adjust the brightness of the LED by setting **DIMMER** to **LOW** or **HIGH**.

Set up the Wireless Sensor

Install Batteries

1. Slide open the battery cover.

2. Insert two AA batteries (not included) in the battery compartment matching the polarity symbols (+ and -) marked inside.

3. Replace the battery cover.

Keyhole Slot

Place the Remote Sensor

Place the sensor on a flat surface within 90 feet (27.43 m) of your radio, in an open area free from trees or other obstructions.

To mount the sensor on a wall:

1. Select a position that is not higher than 5 feet (1.5 m) on an outdoor wall.
2. Drill a hole at the position.
3. Thread a screw (not included) into the hole and let it extend slightly from the wall.
4. Fit the head of the screw into the keyhole slot of the sensor.

LED
Flashes once a minute to indicate signal transmission.

Vents

Note:

• When ⬚ and the readings flash on the radio's OUTDOOR display, replace the batteries in the sensor.

• Before mounting the wireless sensor, verify the radio can receive signals from the chosen location. Move the sensor closer if the radio does not receive any signals.

• Do not block vents. Do not submerge the sensor in water. Avoid exposing the sensor to direct rain, snow, or sunlight. Remove the sensor from outdoors in extreme or harsh weather. Do not place the sensor in areas of high winds.

7

Weather Forecast

The radio calculates the weather forecast for the next 12 to 24 hours, and it displays the current indoor/outdoor temperature and humidity readings.

When you power on the radio, wait for about 1 minute to receive an outdoor signal from the remote sensor. ⬚ flashes until the signal is received, then it disappears when ready.

Note:

• If AC power is interrupted and you have not installed backup batteries, the radio will begin searching for a signal.

• Press **°C /°F** to display temperatures in °C or °F.

• When temperature falls below 0°C (32°F) and the weather is rain, the snow icon will appear.

Set the Clock

1. Press and hold **TIME** to enter time setting.
2. Press ▼**/HR** to set the hour, and press ▲**/MIN** to set the minute.
3. Press **TIME** again to enter time format setting. Then press ▼**/HR** or ▲**/MIN** to select 12H or 24H.
4. Press **TIME** to confirm and exit.

Set the Alarm

1. Press and hold **ALARM** to enter alarm clock setting.
2. Press ▼**/HR** to set the hour, and press ▲**/MIN** to set the minute.
3. Press **ALARM** again to confirm and exit.

8

Alarm Options

• To activate the alarm, move the **BEEP/RADIO/OFF** switch to **RADIO** or **BEEP**.

• Select **RADIO** if you wish to wake up to your AM/FM radio station. ⬚ displays in radio's RADIO/TIME. Select **BEEP** if you wish to wake up to a beeper. ⬚ displays in radio's RADIO/TIME.

• At the set alarm time, the alarm sounds for 60 minutes. Press any radio button to stop the alarm and reset it to come on the next set day.

• Press **SNOOZE/SLEEP** to silent the alarm for 5 minutes. ⬚ or ⬚ flashes in radio's RADIO/TIME display.

• To turn off the alarm, move the **BEEP/RADIO/OFF** switch to **OFF**.

Listen to your Radio

1. Extend the antenna (for FM radio).
2. Press and hold **AM/FM** to turn on the radio and then adjust the volume.
3. Press **AM/FM** repeatedly to select a radio band (AM/FM/AUX).
4. The radio display always defaults to time. Press ▼**/HR** or ▲**/MIN** to show the frequency in the display.
5. Press ▼**/HR** or ▲**/MIN** to tune a station, or press and hold ▼**/HR** or ▲**/MIN** to scan available stations.
6. Press **- VOLUME** or **+ VOLUME** to adjust volume.
7. Press and hold **AM/FM** to switch off the radio.

9

Store Preset Stations

You can store 10 AM and 10 FM stations.

1. Press and hold **AM/FM** to turn on the radio.
2. Press **AM/FM** repeatedly to select the band.
3. Press ▼**/HR** or ▲**/MIN** to tune to your desired station.
4. Press and hold **PROG** to enter programming mode. **MEMORY** flashes in the RADIO/TIME display, and a number indicating the preset memory location appears. Press **PROG** again to store.
5. Repeat 2-4 to store more stations, or press any other keys to quit programming mode.

Listen to Preset Stations

Press and hold **AM/FM** to turn on the radio. Press **MEMORY** repeatedly to select a preset station. The display shows the corresponding preset station number.

Listen to an External Audio Source

1. Press and hold **AM/FM** to turn on the radio.
2. Use a 1/8" (3.5 mm) audio cable (not included) to connect the earphone jack on your auxiliary audio source to **AUX IN** jack on the back of the radio.
3. Press **AM/FM** repeatedly until the radio's RADIO/TIME display shows AUX to select auxiliary mode.
4. Use the controls on your connected device to control the volume.
5. When finished, disconnect the audio cable, press and hold AM/FM to turn the radio off.

10

Reset

1. Switch off the radio, remove the batteries, and unplug the adapter.
2. Using a pointed object (such as the end of paper clip or pen), press the **RESET** hole for at least 1 second to reset the radio to its default factory settings (with 5 AM and 5 FM presets).
3. Replace batteries or reconnect your adapter and turn on the radio.

FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

11

If you cannot eliminate the interference, the FCC requires that you stop using your equipment. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Product	Digital Clock Radio with Weather Forecast
Model	1201781
Responsible Party	General Wireless Operations Inc. dba RadioShack 300 RadioShack Circle Fort Worth, TX 76102 817-415-3200

Limited Warranty

Go to www.radioshack.com/help for details.
RadioShack Customer Relations
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RoHS Complies with the European Union's "Restriction of Hazardous Substances Directive," which protects the environment by restricting specific hazardous materials and products.

12A16
1201781
Printed
in China

12