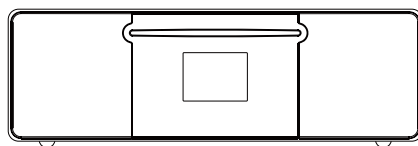
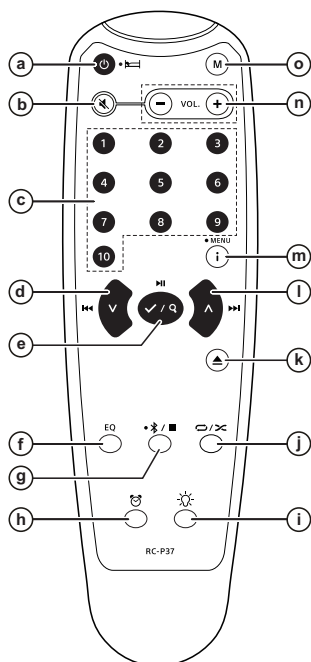
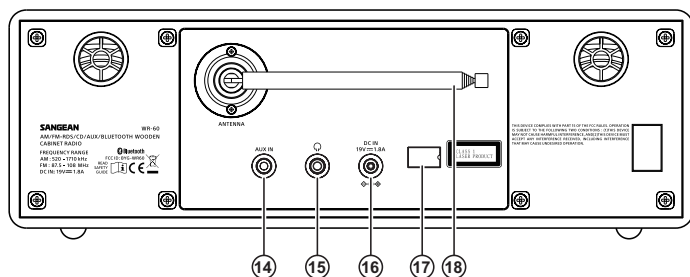
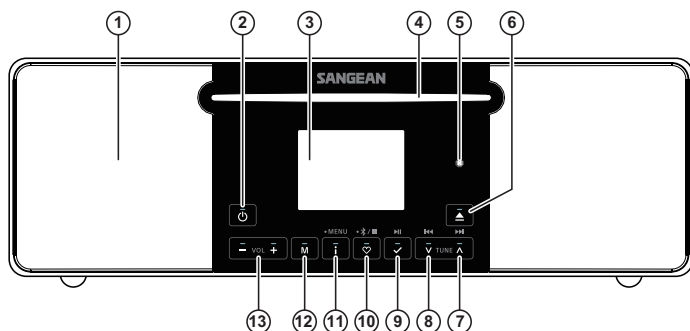


WR-60



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Revision 3





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Important safety instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet. Consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments / accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart / apparatus combination to avoid injury from tip-over. 
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. To Reduce the Risk of Fire or Electric Shock, Do not Expose This Appliance To Rain or Moisture.
16. The Shock Hazard Marking and Associated Graphical Symbol is provided on the rear of unit.
17. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, shall be placed on the apparatus.
18. Excessive sound pressure on ear-and headphones could impair the hearing ability. Higher setting that idle on the equalizer leads to higher signal voltages on the output for ear and headphones.

19. The power plug should be close to the radio, and easy to be approached that during the emergency, to disconnect the power from the radio, just unplug the power plug from the AC power slot.
20. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnected device shall remain readily operable.
21. The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
22. Replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types).
23. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
24. Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
25. A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

26.		The symbol indicates AC Voltage.
		The symbol indicates DC Voltage.
		The symbol indicates class II equipment.
		Use only power supplies listed in the user instructions.

CAUTION:

To reduce the risk of the electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to so.

For United States:

FCC Cautions to the user

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.

FOR MOBILE DEVICE USAGE (>20cm / low power eg. AP routers)

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

To comply with the FCC RF exposure compliance requirements, the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm (8 inches) from all persons and must not be colocated or operating in conjunction with any other antenna or transmitter. No change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

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The 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 instruction, may cause harmful interference to radio communication. However, there is no guaranty 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

VERY IMPORTANT PLEASE READ

Sangean suggest that you keep your AC Adapter at least 12 inches away from the radio while listening to the AM Band.

Your Sangean Radio is powered by an AC adapter which is a "switching" or "switch-mode" type. The DOE (Department Of Energy) has a Federal mandate; requiring all manufactures to use this type of power supply. This newer power saving technology has the unfortunate side effect of causing interference to the AM radio band.

Therefore, we recommend that customers keep at least a 1 foot distance between the AC adapter and the radio. This interference will not affect the FM Band. If you have any questions please contact customer service at (888)726-4326, (562)941-9900 or service@sangean.com

If an AC adapter isn't included in this model and if you wish to purchase an AC Adapter separately, please refer to the specifications for the AC Adapter stated on the final page of the manual, or please contact Sangean for the correct AC Adapter and specifications.

To learn more about the DOE mandate please visit http://www1.eere.energy.gov/buildings/appliance_standards/product.aspx/productid/23

Please note not all AC adapters are alike.

The AC adapter that is included with this radio is designed to be used exclusively with this device. Do not use an AC adapter that differs from the specifications on the AC adapter that is included.

If an AC adapter is NOT included with your radio and in order not to damage the unit and void your warranty, specifications for the AC Adapter are stated on the final

page of the manual, or please contact Sangean for the correct AC Adapter and specifications. For customers in the US and Canada, please call 562-941-9900 or 888-726-4326. For all other areas, please contact us via contact@sangean.com.

Do not use an AC adapter that does not meet the correct specifications.

Controls

Main Unit

- 1 Speaker
- 2 Power / Sleep button
- 3 TFT LCD display
- 4 CD Slot
- 5 IR sensor for remote control
- 6 CD Eject button
- 7 Tuning Up / Next Track / Fast Forward button
- 8 Tuning Down / Previous Track / Fast Reverse button
- 9 Select / Play / Pause button
- 10 Preset / Bluetooth Pairing / Stop button
- 11 Info / Menu button
- 12 Mode button
- 13 Volume Up / Down button
- 14 AUX IN socket
- 15 Headphones socket
- 16 DC IN socket
- 17 Socket for software updates
- 18 Telescopic antenna

Note:

All buttons on the radio are touchscreen controls. You can simply tap or tap and hold them to operate. In some cases, buttons have more than one function, indicated by a dot above the button on the radio's panel. To use these additional features, tap and hold the corresponding button for 2 seconds.

Remote control

- a Power / Sleep button
- b Mute button
- c Number / Prese buttons
- d Tuning Down / Previous Track / Fast Reverse button
- e Select / Search / Play / Pause button
- f EQ button
- g Preset / Bluetooth Pairing / Stop button
- h Alarm button

- i** Brightness button
- j** Repeat / Shuffle button
- k** CD Eject button
- l** Tuning Up / Next Track / Fast Forward button
- m** Info / Menu button
- n** Volume Up / Down buttons
- o** Mode button

Note:

All instructions in the manual use the controls on the radio itself. If you prefer using the remote control, use the corresponding buttons on the remote control instead. Please note that some features, such as Mute and the shortcuts for enabling alarms, the repeat mode, and the shuffle, are only accessible via the remote control.

Getting started

Positioning the radio

After unpacking the radio from the box, follow these guidelines to find a suitable location for the radio:

- Place the radio on a flat, even surface such as a table.
- Do not place the radio near heat sources.
- Make sure there is sufficient space available around the radio for proper ventilation.
- Avoid placing the radio near appliances that can interfere with Bluetooth reception.

Installing batteries in the remote control

The WR-60's remote control requires two 1.5V AAA batteries (included) to operate. Follow these steps to install the batteries:

1. Open the battery compartment on the back of the remote control.
2. Insert two 1.5V AAA batteries in the battery compartment with polarities as shown in the diagram inside the battery compartment.
3. Close the battery compartment on the back of the remote control again.

Important:

Batteries should not be exposed to excessive heat such as direct sunlight, fire or the like. After use, disposable batteries should be taken to a suitable recycling center. On no account should batteries be disposed of by incineration. Do not leave batteries within reach of young children, they can be a choking hazard.

Connecting the radio to the mains power supply

The WR-60 can be powered using the supplied AC power adapter. Before connecting the AC power adapter to a wall socket, please ensure that the voltage that the socket supplies is within the supported range (100~240 Vac, 50/60 Hz).

If the wall socket does supply a voltage that is within the supported range, first connect the small plug of the power cord to the DC IN socket on the back of the radio and then

connect the AC power adapter to the wall socket.

After the radio has been supplied with power, the radio will turn on in the standby mode and the radio's display will show the default time and date (01 / 01 / 2025, 00:00).

The radio can now be switched on by pressing the **Power button**. Refer to the instructions in the section "Manually setting the time and date" below for a detailed explanation on how to set the time and date.

Note:

If the radio is disconnected from and then reconnected to the power source, the time and date will have to be set again.

Navigating and using the radio menu

The radio menu can be accessed from any mode after the radio is turned on. While each mode has its own menu with items specific to that mode, the **System Settings** submenu is accessible from all modes.

To open the radio menu, press and hold the **Info / Menu button** for 2 seconds until the menu appears on the radio's display. Then press the **Tuning Up / Down button** to select an option or a value in the menus and press the **Select button** to confirm your choice.

To exit the radio menu, press the **Info / Menu button**. If no button is pressed within 10 seconds, the radio will automatically exit the menu.

The list below provides an overview of all items in the **System Settings** submenu, which is accessible from any mode. In some modes, the menu includes additional options specific to that mode. These options will be detailed in the corresponding chapter later in this manual.

- **[Sleep]:** Select this option to set the radio's sleep timer.
- **[Time / Date]:** After selecting this option, a submenu with three options will appear:

[Set Time / Date]: Select this option to manually set the radio's time and date.

[Auto update]: Select this option to choose whether and how the radio automatically updates the time and date. The available options are **[Update from FM]** and **[No update]**.

[Set 12 / 24 hour]: Select this option to set the time format (12 hour or 24 hour clock).

- **[Alarm]:** Your radio features 2 separate alarms. Select this option to configure the radio's alarms.
- **[Equaliser]:** Select this option to select the radio's equalizer mode.
- **[Loudness]:** Select this option to enable or disable the radio's loudness feature.
- **[Backlight]:** Select this option and then select **[Power On Level]** or **[Standby Level]** to configure the brightness level of the radio's backlight in the active and standby modes, respectively.
- **[Touch Key Sens]:** Select this option to configure the sensitivity of the radio's touch keys.
- **[Language]:** Select this option to configure the language in which the radio's menus appear.
- **[Factory Reset]:** Select this option to reset the radio to the default factory settings. After confirmation, all user

settings and preset stations will be erased.

- **[SW Version]:** Select this option to view the radio's software version.

Note:

Detailed instructions for configuring the radio's time and date, alarms, and sleep timer are provided below.

Manually setting the time and date

If the time and date cannot be set automatically using the **[Auto update]** option in the **[Time / Date]** menu, or if you prefer to set them manually, follow these steps:

1. Turn on the radio by pressing the **Power button**.
2. Press and hold the **Info / Menu button** for 2 seconds to access the menu for the current mode.
3. Use the **Tuning Up / Down button** and **Select button** to navigate to the **System Setting** menu (if applicable).
4. Press the **Select button** to access the **[Time / Date]** option.
5. The hour digits will now be blinking on the radio's display. Use the **Tuning Up / Down button** to set the hour and press the **Select button** to confirm the hour.
6. The minute digits will now be blinking on the radio's display. Use the **Tuning Up / Down button** to set the minutes and press the **Select button** to confirm the minutes.
7. The year digits will now be blinking on the radio's display. Use the **Tuning Up / Down button** to set the year and press the **Select button** to confirm the year.
8. The month digits will now be blinking on the radio's display. Use the **Tuning Up / Down button** to set the month and press the **Select button** to confirm the month.
9. The day digits will now be blinking on the radio's display. Use the **Tuning Up / Down button** to set the day and press the **Select button** to confirm the day.

Setting the alarms

Your radio features two separate alarms, each of which can be set to wake you using the buzzer, AM radio, or FM radio. Before setting an alarm, make sure the current time is set correctly.

Follow these steps to configure the radio's alarms:

1. Turn on the radio by pressing the **Power button**.
2. Press and hold the **Info / Menu button** for 2 seconds to access the menu for the current mode.
3. Use the **Tuning Up / Down button** and **Select button** to navigate to the **System Setting** menu (if applicable).
4. Use the **Tuning Up / Down button** and **Select button** to access the settings for **[Alarm 1]** or **[Alarm 2]**.

After selecting the required alarm, a submenu appears containing the following items:

[Enable]: Select this option to configure the alarm frequency. The available options are: **[off]**, **[Daily]**, **[once]**, **[weekends]**, and **[weekdays]**.

[Time]: Select this option to configure the alarm time. This works in the same way as setting the time and date above.

[mode]: Select this option to configure the source for this alarm (e.g. buzzer, AM, or FM).

[Preset]*: Select this option to select a preset station or the last listened station as the alarm source.

[Volume]: Select this option to configure the desired alarm volume.

*: This option will only appear if **[AM]** or **[FM]** is selected as the alarm source.

5. Configure all of the above options as required, and then exit the menu using the **Info / Menu button** or wait 10 seconds for the radio to automatically exit the menu. Once an alarm is enabled, the corresponding alarm icon will be shown at the bottom of the radio's display.
6. To configure the other alarm, select corresponding alarm in step 4 and repeat step 5.

Note:

When the radio is on, press the **Alarm button** on the remote control to access the alarm menu. In standby mode, press the **Alarm button** repeatedly to enable or disable the alarms.

Snoozing or stopping alarms

When an alarm sounds, it starts softly and gradually increases in volume (Humane Wake System), and can remain active for up to 60 minutes.

- **Stop the alarm:** Press the **Power button** on the radio, or the **Power** or **Alarm button** on the remote control to stop the alarm and return the radio to standby mode.
- **Snooze the alarm:** Press any button **except the Power, Alarm, or CD Eject buttons** to snooze the alarm for 5 minutes. During snooze, the alarm icon blinks at the bottom of the display, and the alarm time is shown next to it. Press the **Power button** to cancel snooze.
- **Adjust alarm volume (FM / AM alarms only):** Use the **Volume Up / Down button**.

If the alarm mode is set to FM or AM, but the selected mode is unavailable when the alarm sounds, the radio will automatically switch to the buzzer alarm.

Setting the sleep timer

The sleep timer allows you to automatically turn off the radio after a preset time has elapsed. It can be set from 15 to 120 minutes using the **[Sleep]** option in the **System Settings** menu.

Follow the steps below to set the sleep timer:

1. Turn on the radio using the **Power button**.
2. Press and hold the **Info / Menu button** for 2 seconds to access the menu for the current mode.
3. Use the **Tuning Up / Down button** and **Select button** to navigate to the **System Setting** menu (if applicable).
4. Select **[Sleep]** and press the **Select button**.
5. Use the **Tuning Up / Down button** to select the desired sleep timer duration and press the **Select button** to enable the sleep timer with the selected duration.
6. Once the sleep timer expires, the radio will automatically switch to standby mode. While active, the

sleep timer icon and remaining duration are shown at the bottom of the radio's display.

7. To cancel a sleep timer and turn off the radio, press the **Power button** to turn off the unit manually. To cancel a sleep timer and leave the radio playing, go back into the sleep timer settings (steps 1 to 4 above), and then select **[off]** in step 5.

Note:

The **[Sleep]** menu can also be opened by pressing and holding the **Power button** for 2 seconds while the radio is turned on.

Listening to AM / FM radio

Tuning into AM / FM stations

To tune into AM / FM radio stations, follow these steps:

1. Turn on the radio by pressing the **Power button**.
2. Select the AM / FM radio mode by repeatedly pressing the **Mode button**.
3. Press and hold the **Tuning Up / Down button** for 2 seconds to automatically tune into a station with a higher or lower frequency respectively. Your radio will stop scanning when it finds a station of sufficient strength. The display will show the frequency of the signal which has been found along with "RDS" if RDS information is available. If the broadcast being received is in stereo, then the stereo indicator will be shown at the top right of the radio's display.
4. Press the **Tuning Up / Down button** to fine-tune the frequency with small steps if needed.
5. Repeat the steps 3 and 4 to tune into other radio stations.

Notes:

- (1) Before selecting the AM / FM radio mode and tuning into stations, make sure that the AM / FM region is configured correctly (refer to the next section in this chapter), that the radio is placed in a good location and that the antenna at the back of the radio has been fully extended (for FM radio).
- (2) The radio's built-in AM antenna should provide sufficient reception for normal listening. If AM reception is poor, try rotating the radio for better reception.
- (3) When the end of the frequency band is reached the radio will resume tuning from the opposite end of the frequency band.

Storing and recalling AM / FM presets

The WR-60 features 10 presets for both AM and FM stations. A radio station can be stored as a preset by following these steps:

1. Make sure the radio is turned on and the AM / FM radio mode is selected following steps 1 and 2 of the previous section.
2. Tune into the station to be stored as a preset and press and hold the **Preset button** for 2 seconds.
3. The **Preset Store** menu appears on the radio's display.
4. Use the **Tuning Up / Down button** to select the desired preset position and press the **Select button** to save the station under the selected preset.

5. The selected preset number will now be shown next to the frequency to indicate that the station has been saved as a preset.

To recall a preset, follow these steps:

1. Make sure the radio is turned on and the AM / FM radio mode is selected following steps 1 and 2 of the previous section.
2. Press the **Preset button** to access the radio's **Preset Recall** menu.
3. Use the **Tuning Up / Down button** to select the desired preset and press the **Select button** to tune into the preset FM station.

Note:

Presets can also be conveniently stored and recalled using the radio's remote control. To save the currently playing radio station, simply press and hold a numeric button for 2 seconds and the station will be saved under the corresponding preset position. To recall a preset, press the numeric button of the desired preset.

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The AM radio menu

The main menu for the AM radio mode contains the following items specific to the AM radio mode:

[Tuning Region]: Select this option to configure the radio's region for AM radio stations. The available options are as follows:

- A, 522-1710 kHz, steps of 9kHz (most countries).
- B, 520-1710 kHz, steps of 10kHz (countries in North America and South America).

The FM radio menu

The main menu for the FM radio mode contains the following items specific to the FM radio mode:

[Tuning Region]: Select this option to configure the radio's region for FM radio stations. The available options are as follows:

- A, 87.5-108.0 MHz, steps of 100kHz (most countries).
- B, 87.5-107.9 MHz, steps of 200kHz (countries in North America and South America except Brazil).
- C, 87.5-108.0 MHz, steps of 50kHz (most countries).
- D, 76.0-108.0 MHz, steps of 100kHz (Brazil, Japan).

[Audio Settings]: Select this option to enable or disable stereo playback for FM broadcasts. Select **[Mono]** to force the radio to play FM broadcasts in mono, or select **[Stereo]** to allow the radio to play FM broadcasts in stereo. Forcing mono may reduce hiss that can be audible when listening to weak FM signals.

[Scan Setting]: Select this option and then select **[Local]** to have the radio search only for strong signal, or select **[Distant]** to have it search for all available signals during automatic tuning.

RDS (Radio Data System) status

Your radio has a range of display options when in FM mode. Repeatedly press the **Info / Menu button** to cycle through the following information on the radio's display:

- Radio text
- Program service name

- Program type
- Date

Note:

The radio only provides displays when there is available information. If no RDS information is available, the radio will be unable to display the program service (e.g. station name), scrolling text and program type information.

Listening to Bluetooth audio

In order to stream Bluetooth music to your radio, you need to pair your Bluetooth device with the WR-60. Pairing creates a 'bond' so two devices can recognize each other.

Pairing your Bluetooth device for the first time

1. Turn on the radio using the **Power button**.
2. Select the Bluetooth mode by repeatedly pressing the **Mode button**. The Bluetooth icon on the radio's display will start blinking, to indicate the radio is discoverable.
3. Enable Bluetooth on your Bluetooth device (refer to the manual of the Bluetooth device if you are unsure about how to do this).
4. In the Bluetooth settings of your device, select the device named "WR-60" from the list of available Bluetooth devices.

Note:

On some Bluetooth devices with Bluetooth version 2.1 or earlier, you might be requested to enter a passcode. If this is the case, enter the passcode "0000".

5. Once the devices are paired and connected, the radio will play a confirmation tone. The radio's display will first show the volume level, and then the name of the connected Bluetooth device. The Bluetooth indicator will stop blinking, and the Bluetooth playback status is shown at the bottom at the radio's display. Any audio that is played on the Bluetooth device will now be output through the radio's speakers.

Notes:

- (1) If 2 Bluetooth devices are pairing for the first time, both must search for your radio, it will show its availability on both devices. However, if one device links with this unit first, then the other Bluetooth device won't find it on the list.
- (2) If you take your Bluetooth device out of range, the connection between your device and the radio will be temporarily disconnected. Your radio will automatically reconnect if the Bluetooth device is brought back into range. Be aware that during the period of disconnection, no other Bluetooth device can pair or link with your radio.
- (3) If "WR-60" shows up in your Bluetooth device list, but your Bluetooth device cannot connect with it, please delete the item from your list and pair the Bluetooth device with the radio again following the steps described previously.
- (4) The effective operation range between the radio and the paired Bluetooth device is approximately 10 meters (30 feet). Any obstacle between the system and the device can reduce the operational range.
- (5) Bluetooth connectivity performance may vary

depending on the connected Bluetooth device. Please refer to the Bluetooth capabilities of your device before connecting it to your radio. Not all features may be supported, depending on the Bluetooth device used.

- (6) With some mobile phones, making / receiving calls, text messages, e-mails or any other activities unrelated to audio streaming may mute the Bluetooth audio streaming or temporarily disconnect from the radio. Such behavior is a function of the Bluetooth device and does not indicate a problem with your WR-60.

Audio playback in the Bluetooth mode

After you have successfully connected your radio with the chosen Bluetooth device, you can start to play your music using the controls on the radio or your connected Bluetooth device.

1. Once playback has started, the radio will show the title of the song and the name of the connected device on the radio's display.
2. The volume can be adjusted both on the radio using the **Volume Up / Down button** and on the Bluetooth device using the volume control of the device.
3. Playback can be controlled both on the radio and on the Bluetooth device as well. Press the **Select button** to start playing audio or to pause / resume playback. Press the **Tuning Up / Down button** to go to the next or previous track, respectively, or press and hold the **Tuning Up / Down button** to fast forward or fast rewind within a track. Release the button when the desired position is reached.

Note:

Not all player applications or devices may respond to all of these controls.

Audio playback from a previously-paired Bluetooth device

The WR-60 can memorize up to 8 sets of paired Bluetooth devices, when 8 devices have been memorized and an additional device is added, the earliest device with which the radio was paired will be overwritten in the radio's memory.

If your Bluetooth device has previously paired with the WR-60 previously, the radio will still remember your Bluetooth device and attempt to reconnect with the device that was last connected.

The Bluetooth menu

The main menu for the Bluetooth mode contains the following items specific to the Bluetooth mode:

[Disconnect]: Select this option to disconnect the radio from the currently connected Bluetooth device.

[Clear Pairing]: Select this option to delete all previously paired devices from the radio's memory.

Showing Bluetooth information on the display

When listening to Bluetooth audio, repeatedly press the **Info / Menu button** to cycle through the following information on the radio's display:

- Title
- Artist

- Album
- Date

Disconnecting your Bluetooth device

To disconnect your Bluetooth device, either turn off Bluetooth on the Bluetooth device, press and hold the **Bluetooth Pairing button** for 2 seconds or use the **Mode button** to switch to another mode. If you disconnect the Bluetooth device while the radio is in the Bluetooth mode, the Bluetooth indicator will start blinking again to indicate that the radio is available for pairing again.

Listening to CD audio

The WR-60 is capable of playing CDs, CD-Rs and CD-RWs and can play both normal audio CDs and CDs with MP3 and WMA files (with the exception of files encoded using WMA lossless, WMA Voice, WMA 10 professional and files with DRM protection).

Note: This unit supports standard 120mm CDs only.

This product is designed to comply with standard Compact Disc specifications. Due to variations in disc materials, recording methods, manufacturing quality, and disc design, some recordable or special-format discs, including transparent CDs, may not be recognized or played correctly by this unit. This is a normal limitation of optical disc playback technology and does not indicate a product malfunction.

Audio playback in the CD mode

1. Turn on the radio using the **Power button**.
2. Select the CD mode by repeatedly pressing the **Mode button**.
3. After selecting the CD mode, the radio will either read the CD that has been inserted into the CD Slot or, if no disc is present, display the "No Disc" on its display.
4. Insert a CD with the label side facing up. The display will show "Reading" while the CD is being read.
5. Once the CD is read, press the **Select button** to start / pause playback.
6. Press the **Tuning Down button** to go to the start of the current track or the previous track when the current track is at the start. If the current track is the first track of a folder on a CD with MP3 or WMA files, the radio will switch back to the last track of the previous folder. Press and hold the **Tuning Down button** to fast rewind within a track. Release the button when the desired position is reached.
7. Press the **Tuning Up button** to go to the next track. If the current track is the last track of a folder on a CD with MP3 or WMA files, the radio will switch to the first track of the next folder. Press and hold the **Tuning Up button** to fast forward within a track. Release the button when the desired position is reached.
8. Press the **Stop button** to stop playback. The display will now show the total number of folders and tracks on the CD.

The CD menu

The main menu for the CD mode contains the following items specific to the CD mode:

- **[Repeat]:** Select this option to configure the repeat mode for playback. The available options in this menu are: **[Off]**, **[Repeat 1]**, **[Repeat All]**, and **[Repeat Folder]**. After selecting a repeat mode, the corresponding repeat icon will appear at the bottom of the radio's display.
- **[Shuffle]:** Select this option to enable or disable the radio's shuffle mode. In shuffle mode tracks are played in random order. After enabling the shuffle mode, the shuffle icon will appear at the bottom of the radio's display.

Showing CD information on the display

When playing audio CDs with MP3 and / or WMA files, repeatedly press the **Info / Menu button** to cycle through the following information on the radio's display:

- File name
- Title
- Artist
- Album
- Date

Listening to audio via the AUX IN socket

You can listen to the sound of an external device (such as an iPod or MP3 player) through the speakers of the WR-60. To do this, follow these steps:

1. Connect the external device to the radio's AUX IN socket at the back of the radio using a 3.5 mm audio cable (not included).
2. Make sure both the radio and the external device are turned on.
3. Select the AUX IN mode by repeatedly pressing the **Mode button**.
4. The audio output of the external device will now be played through the speakers of the WR-60. Playback must be controlled on the external device, while the volume can be controlled both on the radio and on the external device.

Other features

Using headphones

Any headphones featuring a 3.5 mm jack can be connected to the **Headphones socket** at the back of the radio. Simply plug in the 3.5 mm headphone jack to listen through headphones. After connecting headphones to the socket, the radio's speakers will be muted.

Important:

Excessive sound pressure from earphones and headphones can cause hearing loss.

To prevent possible hearing damage, do not listen at high volume levels for long periods.



Specifications

Power Requirement

Mains power supply	AC 100~240 V 50/60 Hz, DC 19V / 1.8A Center Pin Positive (AC / DC switching adapter)
Battery (Remote control)	2 x AAA

Frequency Coverage

FM	87.5-108 MHz
AM	520-1710 kHz (10kHz / step)
	522-1710 kHz (9kHz / step)

Bluetooth

Bluetooth version	5.2
Supported Bluetooth profiles	A2DP, AVRCP
Supported Bluetooth codecs	SBC
Transmitting Power	Power Class 2
Bluetooth range	approx. 10m (30 feet)

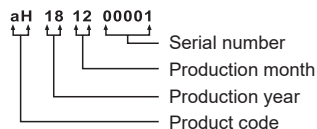
Circuit Features

Output power	2 x 5 watts
Headphone socket	3.5mm diameter
Auxiliary in socket	3.5mm diameter
Antenna System	FM telescopic antenna
	AM built-in ferrite antenna

Operating Temperature Range

0°C to + 35°C

※ The barcode label on the product is defined as below:



Sangean reserves the right to amend the specifications without notice.

 **RECYCLING** This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.