

## Sangean WR-11

# Sangean WR-11 AM/FM Analog Table Top Radio Instruction Manual

Model: WR-11

## 1. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before operating this device. Keep this manual for future reference.

- **CAUTION: RISK OF ELECTRIC SHOCK - DO NOT OPEN.** To reduce the risk of electric shock, do not remove the cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.
- Do not expose this appliance to rain or moisture.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the appliance.
- Only use attachments/accessories specified by the manufacturer.

## 2. PACKAGE CONTENTS

Ensure all items are present upon unpacking:

- Sangean WR-11 AM/FM Analog Table Top Radio
- AC Power Cord
- FM Wire Antenna

## 3. PRODUCT OVERVIEW

### Front Panel Controls



This image displays the front of the Sangean WR-11 radio, featuring a wooden cabinet, a metal speaker grille on the left, and a control panel on the right. The control panel includes an analog tuning dial with AM and FM frequency scales, a volume knob, an OFF/FM/AM band selector knob, and a tuning knob. A green LED indicator illuminates when a station is tuned correctly.

1. **Volume Control:** Rotary knob to adjust the audio output level.
2. **OFF/FM/AM Selector:** Rotary knob to power the unit ON/OFF and select between FM and AM radio bands.
3. **Tuning Knob:** Rotary knob to manually tune to desired radio frequencies.
4. **Tuning Indicator:** LED light that illuminates when a station is precisely tuned.
5. **Analog Dial Scale:** Displays AM (530-1710 kHz) and FM (87.5-108 MHz) frequency ranges.

## Rear Panel Connections



This image shows the rear panel of the Sangean WR-11 radio, detailing various input and output ports. Key features include an AC power input, a bass reflex port, external antenna terminals for FM and AM, an Aux-In jack, a Rec-Out jack, and a DC 12V input.

1. **AC IN (120V/25W):** Power input for the included AC cord.
2. **75Ω FM-EXT. Terminal:** F-type connector for external FM antenna.
3. **AM-EXT. / GND Terminals:** Screw terminals for external AM antenna and ground connection.
4. **INTERNAL / EXTERNAL FM ANTENNA Switch:** Selector to choose between the internal FM antenna or an external one.
5. **AUX IN Jack:** 3.5mm input for connecting external audio devices (e.g., MP3 player, smartphone).
6. **REC OUT Jack:** Audio output for connecting to recording equipment or external amplifiers.
7. **DC 12V / 1A Input:** Alternative power input for DC 12V, 1A power adapter (not included).
8. **Bass Reflex Port:** Enhances low-frequency audio performance.

## 4. SETUP

### 4.1 Power Connection

1. Insert the supplied AC power cord into the **AC IN** jack on the rear panel of the radio.
2. Plug the other end of the AC power cord into a standard wall outlet (AC 120V ~ 60Hz).
3. Alternatively, for DC power, connect a compatible DC 12V / 1A power adapter (not included) to the **DC 12V / 1A Input** jack.

### 4.2 Antenna Connection

Your WR-11 radio has built-in AM and FM antennas. For improved reception, external antennas can be connected.

- **FM Antenna:** The radio includes an FM wire antenna. Connect it to the **75Ω FM-EXT.** terminal. Ensure the **INTERNAL / EXTERNAL FM ANTENNA** switch is set to **EXTERNAL**.
- **AM Antenna:** For enhanced AM reception, connect an external AM antenna (not included) to the **AM-EXT.** and **GND** screw terminals.

## 5. OPERATING INSTRUCTIONS

## 5.1 Power On/Off and Band Selection

1. Rotate the **OFF/FM/AM Selector** knob to either **FM** or **AM** to power on the radio and select the desired band.
2. To power off the radio, rotate the **OFF/FM/AM Selector** knob to **OFF**.

## 5.2 Tuning to a Station

1. Once the desired band (FM or AM) is selected, slowly rotate the **Tuning Knob** to scan through frequencies.
2. Observe the **Tuning Indicator** LED. It will illuminate brightly when a strong signal is received, indicating optimal tuning.
3. Adjust the **Volume Control** knob to your preferred listening level.

## 5.3 Using the Aux-In

Connect an external audio device (e.g., smartphone, MP3 player) to the **AUX IN** jack on the rear panel using a 3.5mm audio cable (not included). The radio will automatically switch to Aux-In mode when a device is connected.

## 5.4 Using the Record-Out

Connect recording equipment or an external amplifier to the **REC OUT** jack on the rear panel using an appropriate audio cable (not included). This provides a line-level audio output.

## 6. MAINTENANCE

- Clean the radio's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Keep the unit away from direct sunlight, heat sources, and excessive dust.
- Ensure proper ventilation by not covering the bass reflex port or any other openings.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet not active.	Ensure AC cord is securely plugged in; Try a different outlet.
Poor radio reception	Antenna not properly positioned; Interference from other devices.	Adjust the FM wire antenna or connect an external antenna; Move the radio away from electronic devices.
No sound	Volume too low; Radio not tuned to a station.	Increase volume; Tune to an active station using the Tuning Knob.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Sangean
Model Number	WR-11

Feature	Detail
Product Dimensions	9.38 x 6.75 x 4.68 inches
Item Weight	5.3 pounds
Color	Walnut
Tuner Technology	AM/FM
Radio Bands Supported	AM/FM
Power Source	Corded Electric (AC 120V ~ 60Hz) / DC 12V/1A
Special Feature	Built-In AM Antenna, Bass Reflex Port
Connectivity Technology	Radio Frequency, Aux-In, Rec-Out, Headphone Jack



This image provides a visual representation of the Sangean WR-11 radio with its dimensions labeled: 9.38 inches (length), 6.75 inches (width), and 4.67 inches (height).

## 9. ADDITIONAL RESOURCES

### Product Manufacturing Video

Your browser does not support the video tag.

This video, titled "Wood Cabinet Video" by Sangean America Inc., showcases the detailed manufacturing process of the Sangean WR-11's wooden cabinet, highlighting the craftsmanship and quality materials used in its construction.

## 10. WARRANTY AND SUPPORT

Sangean products are designed for durability and performance. For warranty information, technical support, or service inquiries, please refer to the official Sangean website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

