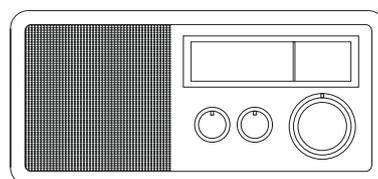


# WR-11BT



**GB**

Revision 1

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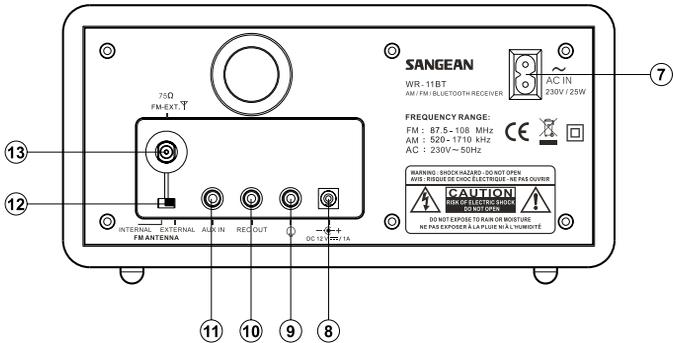
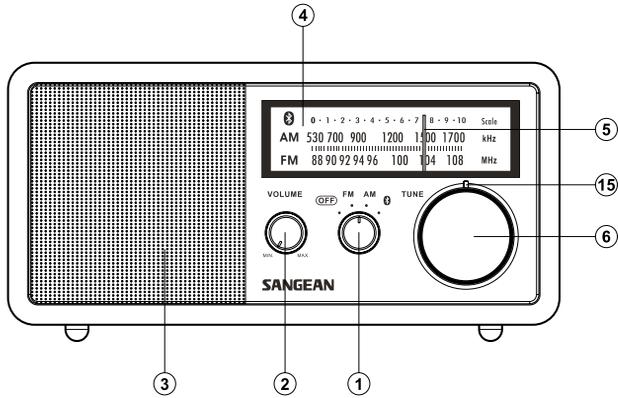
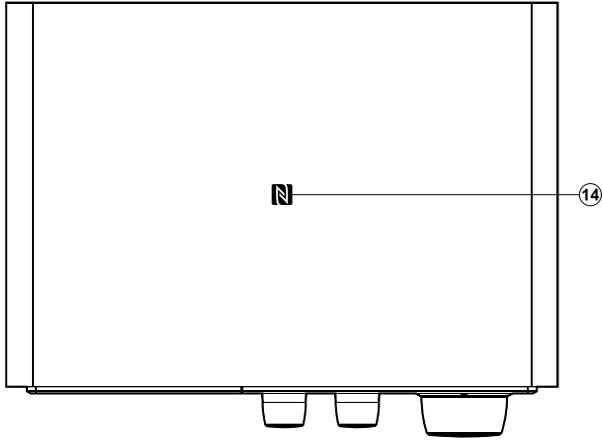
# IMPORTANT SAFETY INSTRUCTIONS

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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 bottom panel of unit.

17. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, shall not 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.



# Controls

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- ① Power and AM/FM band switch
- ② Volume Control
- ③ Speaker
- ④ Dial scale
- ⑤ Dial indicator
- ⑥ Tuning Control
- ⑦ AC power cord socket
- ⑧ 12V DC input socket ( ideal for vehicles/boats )
- ⑨ Headphone socket
- ⑩ REC out socket
- ⑪ Aux in socket
- ⑫ External/Internal antenna switch
- ⑬ F-type external antenna terminal
- ⑭ NFC detection area
- ⑮ Tuning LED indicator

## Power your radio

### ***AC operation***

Before you plug the AC cord into the radio, be sure the AC voltage is correct. Insert the plug on the end of the supplied power cord into the AC power socket on the back of the radio.

### ***DC operation***

For outdoors use, you can power the radio by using 12V DC input socket from a DC power supply (example, from the power supply of vehicles or boats). An AC power adaptor with 1 Ampere and center positive in polarity can also power the radio in house.

## Operating your radio FM

### 1. Connect the Antenna

The radio comes with built-in AM/FM antenna. To improve FM reception, insert the end of the supplied FM wire antenna into the F-type antenna terminal and adjust the wire for best reception. A 75 ohm coaxial cable of outdoor antenna may also be attached to the terminal. Be sure to switch external/internal antenna switch to external position while using the supplied wire antenna or connect the outdoor antenna. In some of the European countries, you may have to connect the supplied antenna terminal adaptor to connect with the outdoor antenna.

### 2. Turn on your radio by switching the Power knob to FM position.

### 3. Rotate the Tuning Control to select the desired station. On FM, the tuning scale is marked in MHz (Megahertz). The tuning LED indicator will appear brightest when best tuning has been achieved.

### 4. Adjust the Volume Control for comfortable listening.

### 5. To switch off the radio , turn the Power knob to OFF position.

## Operating your radio AM

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### 1. Connecting the antenna

The radio comes with built-in AM antenna which should be enough for normal listening. To improve the AM reception, you may connect the outdoor AM antenna with AM antenna terminal (USA version only).

2. Turn on your radio by switching the Power knob to AM position.
3. Rotate the Tuning Control to select the desired station. On AM, the tuning scale is marked in kHz (Kilohertz). The tuning LED will appear brightest when best tuning has been achieved.
4. Rotate your radio for best reception.
5. Adjust the Volume Control for comfortable listening.
6. To switch off your radio , turn the power knob to OFF position.

## Listening to Bluetooth music

You need to pair your Bluetooth device with your radio before you can auto-link to play/ stream Bluetooth music through your WR-11BT. Pairing creates a `bond' so two devices can recognize each other.

## Pairing your Bluetooth device for the first time

1. Rotate the Band selecting rotary to select Bluetooth function. The Bluetooth icon on the panel will flash.
2. Activate Bluetooth on your device according to the device's user manual to link to your WR-11BT. With some mobiles which are equipped with earlier versions than BT2.1 Bluetooth device, you may need to input the pass code "0000".
3. Once connected, there will be a beep sound and the Bluetooth icon will remain illuminated. You can now play the music in your Bluetooth-enabled device via WR-11BT.

### **Note:**

- 1) If there are 2 Bluetooth devices searching for WR-11BT, it will show its availability on both devices. However, if one device links with the WR-11BT first, then the other Bluetooth device won't find the WR-11BT on its list.
- 2) If your Bluetooth-enabled device is temporarily disconnected to your WR-11BT. As long as the disconnection last within 1 minutes, your device can re-connect with your radio again automatically. If the disconnection last more than 1 minutes, then you need to manually reconnect your device again to the radio. Be aware that during the period of disconnection, no other Bluetooth device can pair or link with your radio.
- 3) If 'SANGEAN WR-11BT' shows in your Bluetooth device list but your device cannot connect with it, please delete the Sangean WR-11BT item from your list and pair the device with WR-11BT again following the steps described previously.
- 4) The effective operation range between the system and the paired device is approximately 10 meters (30 feet).
- 5) Any obstacle between the system and the device can reduce the operational range.

## **Pair with your Bluetooth device before**

If your Bluetooth device already paired with WR-11BT previously, the unit will memorize your Bluetooth device, but it does not support the automatic reconnection, reconnect with this product following the steps above.

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WR-11BT can memorize up to 8 sets of Bluetooth device, when the memory exceed this amount, the earliest paired device will be cancelled from the radio.

## **Disconnecting your Bluetooth device**

Rotate the Band selecting rotary to any bands other than Bluetooth band or disconnect the Bluetooth-enabled device. The LED light for Bluetooth icon will then start to flash indicating deactivation of Bluetooth.

## Pairing and playing your device via NFC

WR-11BT is equipped with wireless NFC (Near Field Communication) feature, allowing playing NFC-enabled devices to pair and play the music. For non-NFC devices, please refer to the above sections for standard Bluetooth pairing.

1. Rotate the Band selecting rotary to select Bluetooth function. The Bluetooth icon on the panel will flash.
2. Turn on your NFC feature on your device.
3. Touch the NFC area of your playing device against the NFC area marked on top of WR-11BT. The unit will turn on and enter automatic pairing mode. If you pair with WR-11BT for the first time, your NFC-enabled device will be asked the permission to link with the radio. Once paired with a device, there will be a beep sound and the Bluetooth icon will remain illuminated.
4. Use the controls on your device to play/ pause and navigate tracks.

### **Note:**

1. If you would like to link another Bluetooth device via NFC, disconnect the existing linked Bluetooth device first.
2. The location of the NFC detection area is not the same on all devices. When connecting with other Bluetooth device via NFC, refer to the User guide of the other device for more information.
3. Some of metallic case or cover for mobile phones may reduce the sensitivity of NFC. Make sure you remove it, before activating the NFC.

## Disconnecting your NFC-enabled device

To disconnect your device, simply touch it again on the top of the unit. The LED light for Bluetooth icon will then start to flash indicating deactivation of Bluetooth.

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## Headphone use

Headphone use with this radio should be fitted with a 3.5 mm jack plug. Insert the headphones plug into the socket marked  on the rear side of the radio. When the headphones are plugged in, the loudspeaker is automatically disconnected.

## AUX IN socket

Connect a stereo or mono audio source (like CD walkman) to this input to listen the audio program via the speaker.

## REC out socket

The radio can be used as a separate tuner by connecting this input to Hi-Fi system (amplifier) or using this input to make recording in mono from audio program.

## Specifications

Frequency Coverage:

FM 87.50 - 108 MHz

AM 520 - 1710 kHz

Power: AC 120 V / 60 Hz / 25 W (USA version)

AC 230 V / 50 Hz / 25 W (European version)

(Actual power requirement please refer to the print on the rear panel)

Internal Antenna System:

AM Built-in ferrite aerial

FM Built-in wire aerial

External antenna terminal:

AM antenna terminal (USA version only)

FM F-type antenna terminal

Output Power: 6.5 W 10% T.H.D. @ 100 Hz

Headphones socket:

3.5 mm dia. Stereo jack monaural output

Output : 5 mW + 5 mW

Aux in socket:

3.5 mm dia. Stereo jack.

Input sensitivity: IN 300mV Output 7 W @ 100 Hz

Input impedance: 47 Kohm

REC OUT: output impedance: 2.2 Kohm

DC IN: 12 V / 1 A center pin positive (operational voltage 9-14 V)

External diameter: 5.5 mm

Internal diameter: 2.0 mm

Accessories:

FM F-terminal antenna wire

AC Power Cord

F to PAL terminal adapter (European version only)

Dimension: 240 (W) x 114 (H) x 169.5 (D) mm

Weight: 2.35 KG.

The company reserves the right to amend the specification without notice.



*If at any time in the future you should need to dispose of this product please note that: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)*