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Sangean WR-22

Sangean WR-22BK Digital Radio Instruction Manual

Model: WR-22BK

Brand: Sangean

1. PRODUCT OVERVIEW

The Sangean WR-22BK is a versatile digital tuning receiver offering AM/FM radio, Bluetooth wireless audio streaming, and USB MP3/WMA playback. Designed for clear sound and ease of use, it features a high-contrast LCD display and various connectivity options.



Front view of the Sangean WR-22BK Digital Radio. This image displays the radio's compact design with its speaker grille, LCD display, and control knobs.

2. PACKAGE CONTENTS

Ensure all items are present in the package:

- Sangean WR-22BK Digital Radio
- Owner's Manual
- Remote Control
- FM Wire Antenna
- AC Power Cord

3. SETUP AND POWER

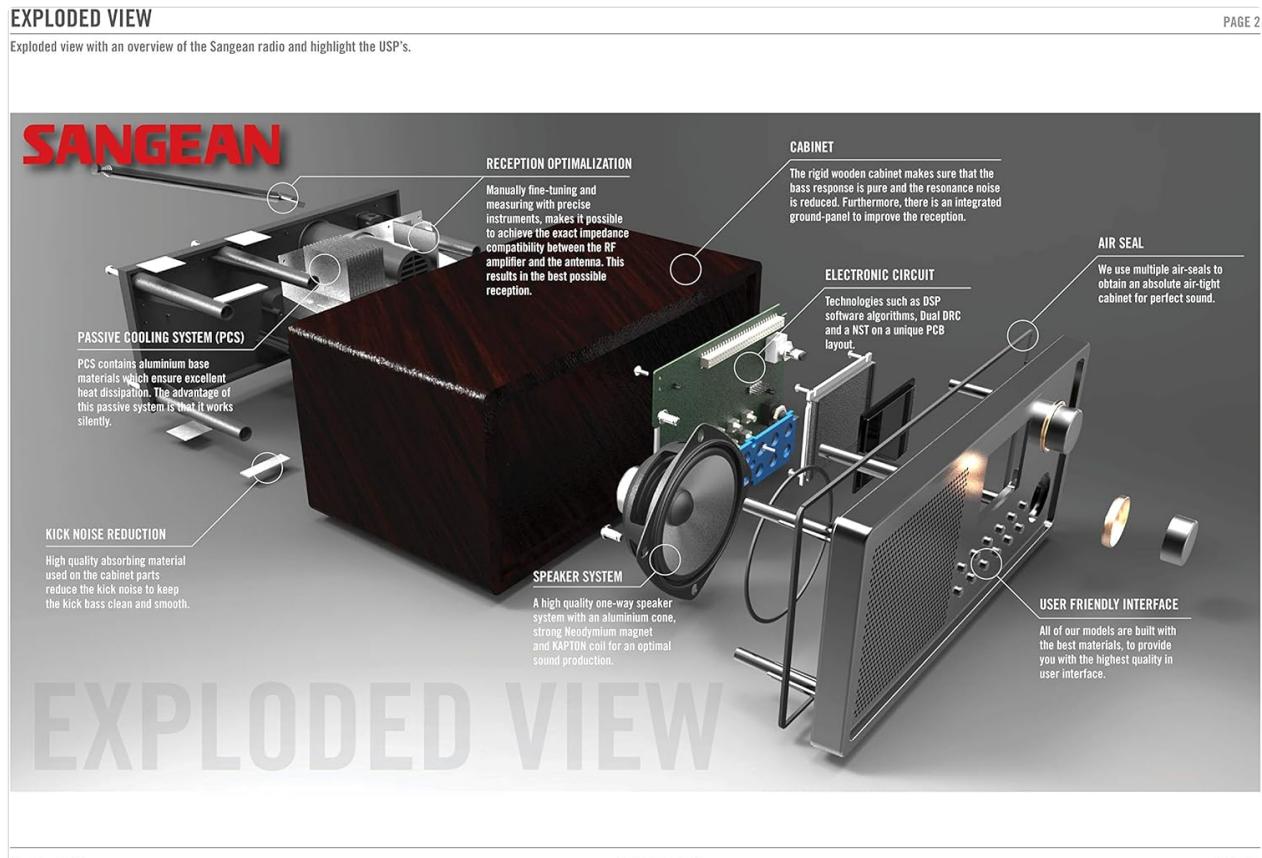
Powering the Radio

The WR-22BK can be powered via the included AC power cord. For portable use, it requires 2 product-specific batteries (not included). For outdoor use, a 12V DC input socket can be used with a compatible DC power

supply (not included).

Antenna Connection

For optimal FM reception, connect the included FM wire antenna to the 'FM EXT' terminal on the rear panel. For AM reception, the radio has a built-in AM antenna. External AM antenna connections are also available for improved reception in areas with weak signals.



Rear panel of the Sangean WR-22BK Digital Radio, showing power input, antenna connections, and auxiliary ports.

4. BASIC OPERATION

Power On/Off and Volume

Use the power button (often integrated with the volume knob) to turn the radio on or off. Adjust the volume using the dedicated rotary volume control.

AM/FM Tuning

Rotate the 'TUNE' dial to scan for AM or FM stations. The digital display will show the frequency. The signal indicator light will illuminate when a clear station is found. Use the 10 station presets (5 AM, 5 FM) to quickly access your favorite stations.

Bluetooth Pairing

Switch the radio to Bluetooth mode. The Bluetooth indicator will blink, signifying it's in pairing mode. On your mobile device, search for 'Sangean WR-22' in the Bluetooth settings and select to pair. Once connected, the indicator will stop blinking.

USB Playback

Insert a USB drive containing MP3/WMA files into the USB port. Select the USB source on the radio to begin playback.

Audio Adjustment

The radio features rotary bass and treble controls. Additionally, dynamic bass compensation can be enabled for richer bass response.

SPEAKER

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STANSEN DESIGN

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Close-up of the Sangean WR-22BK's front panel, highlighting the volume, tuning, and mode selection knobs, along with the LCD display.

Video: Sangean WR-22 Table-Top Digital Tuning Receiver

This video provides a visual demonstration of the Sangean WR-22 in operation, showcasing its design, tuning capabilities, and various features.

5. ADVANCED FEATURES

- Easy-to-Read LCD Display:** High contrast LCD with automatic and adjustable backlight.
- Clock and Alarm Functions:** Clock available for FM RDS-CT with 2 alarm timers (radio, buzzer, or USB media). Features include settable alarm volume, HWS (Humane Wake System) buzzer, and adjustable Nap, Sleep, and Snooze timers.
- Full Function Remote Control:** Control the radio conveniently from a distance.
- Auxiliary Input:** 3.5mm auxiliary input for connecting external audio players.
- Headphone Jack:** For private listening.

ONE-WAY SPEAKER VS TWO-WAY SPEAKER

Two-way speakers create a place in the room where the sound for mid- and high level and the bass-sound cross each other. In this particular space there will be a sound-gap. When both sound-waves are radiated from the same source, the overlap will not occur because both waves are transmitted from the same source.

Overlapping sound sources 1 and 2 with reversed phase

THIS CREATES A SILENCE

CURVE TABLE COMPARISON

WIDER AND FLAT RESPONSE

This is a graphic representation of the frequency response of a Sangean radio. The line should be as flat as possible without too many up's and down's.

The Sangean radio has a constant and solid result.

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The infrared remote control for the Sangean WR-22BK, allowing convenient operation from a distance.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Sangean WR-22BK, follow these maintenance guidelines:

- Cleaning:** Use a soft, dry cloth to clean the exterior of the radio. Avoid abrasive cleaners or solvents that may damage the finish.
- Ventilation:** Ensure the radio is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- Storage:** If storing the radio for an extended period, remove any batteries and store it in a cool, dry place.
- Power Cord:** Regularly check the power cord for any damage. If damaged, discontinue use and replace with an approved cord.

7. TROUBLESHOOTING

Clock Time Issues

If the clock on your radio frequently loses or gains time, it may be due to incorrect time signals from certain radio stations broadcasting RDS-CT. To resolve this, you can manually set the clock:

1. With the radio powered off, press and hold the 'Menu/Info' button until it beeps.
2. Rotate the tuning knob until 'RDS-CT' is displayed. If 'Manual' is shown, do not change it.
3. Press and release the tuning knob.
4. Rotate the tuning knob until 'Manual' is displayed.
5. Press and release the tuning knob.
6. Rotate the tuning knob until 'Time Set' is displayed and proceed to set the time as instructed in the

manual.

Poor Radio Reception

Ensure the FM wire antenna is fully extended and properly positioned. For AM, try rotating the radio or connecting an external AM antenna if available. Check for sources of interference such as other electronic devices.

Bluetooth Connection Issues

Ensure the radio is in Bluetooth pairing mode (blinking indicator). Check that your device's Bluetooth is enabled and within range. Try unpairing and re-pairing the device if issues persist.

8. PRODUCT SPECIFICATIONS

- **Product Dimensions:** 9.45 x 7.6 x 4.41 inches
- **Item Weight:** 5.62 pounds
- **Item Model Number:** WR-22BK
- **Batteries:** 2 Product Specific batteries required (for portable use)
- **Power Source:** Corded Electric (AC 120V~60Hz) or DC 12V input
- **Connectivity Technology:** AM/FM, Bluetooth
- **Radio Bands Supported:** AM/FM
- **Special Feature:** Built-In AM Antenna, Built-In Clock
- **Manufacturer:** Sangean America, Inc.

9. WARRANTY AND SUPPORT

Sangean Electronics is committed to manufacturing high-quality products. For information regarding warranty coverage and support, please refer to the 'Limited Warranty' document included with your product or visit the official Sangean America, Inc. website. Sangean has a reputation for quality standards and performance in the Consumer Electronics Industry since 1974.