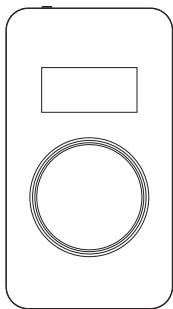
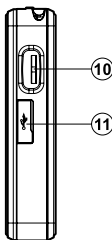
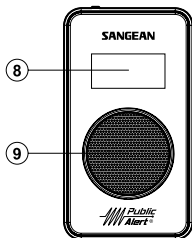
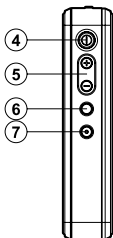
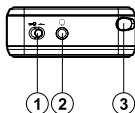


DT-500W




GB

Revision 1



Control

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- ① **Key lock:** The key lock function is used to prevent unintentional operation of the radio. Slide the lock switch to the lock position (left), the symbol  will appear on the display. The power and all other buttons will be disabled.

② **Headphones**

The 3.5 mm stereo headphone socket located on the top of your radio is provided for use with stereo headphones or an earpiece.

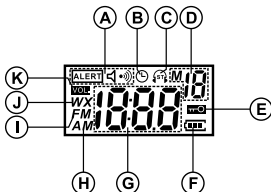
Important:

Excessive volume levels from earphones and headphones may cause damage to your hearing.

- ③ Telescopic antenna
- ④ Power button
- ⑤ Volume button
- ⑥ Band/Weather Alert button
- ⑦ Preset/Memory button
- ⑧ LCD display
- ⑨ Speaker
- ⑩ Tuning/Select jog wheel
- ⑪ DC socket

Display

- Ⓐ Weather alert mode:
Alert light+weather broadcasting (**ALERT** 🔊)
Alert light+Siren (**ALERT** 🔊 📢)
- Ⓑ Sleep Timer icon
- Ⓒ FM Stereo icon
- Ⓓ Memory Preset icon
- Ⓔ Key Lock icon
- Ⓕ Battery Power icon
- Ⓖ Frequency/Clock Display
- Ⓗ AM/FM icon
- Ⓘ FM Band icon
- Ⓙ Weather Band icon
- Ⓚ Volume indicator



Charging the radio

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This unit operates on a built-in Lithium-ion battery that can be recharged either using the USB charging port or from a AC power adaptor (not included) with a rated output of DC 5V, 500mA.

The first time using your radio, connect it to your power supply (USB or AC) and fully charge the battery. Charging time is approx. 4 hours with radio off. The battery power icon on the LCD display will flash while charging and stop flashing when the radio is fully charged.

The battery running time is approx. 16 hours listening through the speaker and approx 32 hours with headphones. Reduced power, distortion, 'stuttering' sounds or battery power indicator in low position are all signs that the battery needs to be recharged.

Note:

The radio can only be charged when it is powered off. If the radio is connected to AC Power adapter (not included) or USB when it is powered on, the power icon does not display on the LCD.

Setting the clock manually

1. Make sure the radio is turned off.
2. Press in jog wheel for 2 seconds and release to enter the time setting mode and the hour digit flashes.
3. Turn the jog wheel up or down to select the required hours, then press in the jog wheel to confirm the setting. Now the minute digit flashes.
4. Press the jog wheel up/down to set the required minutes, then press in the jog wheel to complete the time setting.

Operating your radio

Your radio is equipped with three tuning methods – Manual Tuning, Search tuning and Memory preset tuning.

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Manual Tuning

1. Press the Power button to turn on the radio.
2. Select the desired AM or FM band by repeatedly pressing the Band button. For the FM band, pull out and extend the FM antenna located on the top panel to get best reception. For the MW (AM) waveband, rotate the radio for best reception.
3. Turn and release the jog wheel up/down will change the frequency in the following increments:
FM: 100 kHz
AM (MW): 10 kHz (for North America only)/9 kHz
4. Press the Volume Up/Down buttons to the required level.

Scan tuning

1. Press the Power button to turn on the radio.
2. Select the desired frequency band by pressing the Band button. For the FM band fully extend and rotate antenna to get best reception. For the (AM) band, rotate the radio to get the best signal.
3. Turn the jog wheel up or down for more than 2 seconds and release. The radio will search in an upwards or downwards direction and stop scanning when it finds a signal of sufficient strength.
4. Press the Volume button to get your desired sound level.

Storing stations in preset memories

There are 10 presets for FM/AM band and 5 presets for weather band, a total of 25 presets.

1. Press the Power button to turn on the radio.
2. Tune to a desired station using one of the methods previously described.
3. Press and hold the Preset/Memory button until "M" flashes on the display.
4. Tune the jog wheel up/down to select the desired preset number, then press in the jog wheel to store the station under the chosen preset number. If the preset number flashes on the display indicating a station is already stored under the preset number. If the preset number remains steady on the display, it indicates that the preset number is empty for storing a station.

Memory Tuning

1. Press the Power button to turn on the radio and then press the Band button to select the desired frequency band.
2. Press the Preset/Memory button and the preset number flashes on the display.
3. Tune the jog wheel up/down to select the desired preset number, then press in the jog wheel to tune to the chosen preset station.

Weather alert system

The weather alert function on the radio can alert you to special weather related emergencies. During an emergency or weather related hazard, NOAA issues an emergency tone that will set off an audible alarm on the radio.

Note:

Hazard warnings are not available in all areas. There are 7 standard NOAA weather channels used in the US and Canada. The radio receives broadcasts up to 40 miles from transmitting stations.


1. To listen to the standard NOAA weather channels, turn on the radio and extend the FM antenna to get better reception. Then press the Band button until WX shows on the display.
2. The channel number of the weather station is shown on the display. Turn the jog wheel up/down to select the programmed channels. There should be one or more weather service stations broadcasting in your local area. You will hear a report that is updated usually once or more per day for your area. If there is a severe weather or weather-related emergency, NOAA will update weather broadcast more frequently. If there is a weather emergency, NOAA will issue an alert tone.

Note:


If FM reception in your area is relatively poor even using telescopic antenna, you can connect the supplied stereo headphones to headphones socket ② to improve reception. The wire of headphones can also act as FM wire antenna.

Setting the weather alert

There are two weather alert modes and you can set the weather alert when the radio is powered on or off.

1. Following the steps above to tune the required weather station.
2. Press and hold the Band/WX Alert button to activate the first weather alert mode. (**ALERT** ) will show on the display. In this mode, the LCD backlight will flash and the radio switches to weather broadcasting automatically when the NOAA alert tone is issued.

To turn off the weather alert, press and release the Band/WX Alert button and your radio will then be back to standby mode.

3. Continue pressing and holding the WX Alert button to access the second mode. Now the alert mode () will show on the display. In this mode when the NOAA alert tone is issued the LCD backlight will flash and the siren will sound off. When the siren is active, press any button on the radio instantly turns the radio to the weather broadcasting and cancels the sounding siren. Press and release the Alert button again will put the radio to standby mode.

Note:

1. When the radio is set to weather alert mode, all the buttons on the front panel will be invalid.
2. If you have headphones plugged in when an alert is issued, the siren will sound through the speaker instead of the headphones.

3. Please be aware that if your radio is not connected to a power source the weather alert will drain your battery completely and the battery will only last 48 hours even it is fully charged. If your battery is drained and not plugged in to a power source the weather alert alarm will not work. Therefore, it is strongly suggested to connect your radio to an external power source while the weather alert is activated.

Cancel the weather alert setting

Press and hold the Band/WX Alert button to inactivate the weather alert setting. The alert symbol will disappear from the display.

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Stereo/Mono switching

If the FM radio station being listened to has a weak signal, some hiss may be audible. It is possible to reduce the hiss by forcing the radio to play the station in mono rather than stereo.

1. Press the Band button as needed to select the FM radio mode and tune to the required FM station as previously described.
2. Press in the jog wheel for 2 seconds to switch to mono. To return to the default stereo mode, press in the jog wheel again for 2 seconds.

Sleep timer- radio auto shut off

Your radio can be set to turn off after 90 minutes have elapsed.

1. When your radio is turned on, press and hold the Power button until sleep timer symbol is shown on the display. Your radio will turn off after 90 minutes have elapsed.
2. To cancel the sleep timer before the preset time have elapsed, press and hold the Power button until the sleep timer symbol disappears from the display.

Software version

The software display cannot be altered and is just for your reference.

1. Turn off the radio.
2. Press and hold the Preset/Memo button until the software version (e.g. 027) is shown on the display.

Setting AM Tuning step

In Europe and other parts of the world, AM (MW) tuning step is 9 kHz, in America the AM tuning step is 10 kHz.

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3. After the software version is shown on the display, press the Preset/Memory button again to enter tuning step setting.
4. Turn the jog wheel up/down to select between 9 kHz or 10 kHz AM tuning step and press in the jog wheel to confirm your selection.

Important:

Reset the tuning step will erase all the preset stations stored in your radio.

LCD back light

Pressing any button will light up the display for 10sec, but this is not applicable when the radio is locked.



***Safety information for internal rechargeable
Lithium-ion battery***

The internal rechargeable lithium-ion battery used in this device is able to supply power for a long period of time. However, even lithium-ion batteries reach a point where they cannot be recharged. If the battery does not recharge after several attempts, it may be drained (has a low charge), please contact info@sangean.com.tw for repair information.

However, if you do not want us to replace the battery, you will need to dispose of used batteries/device in accordance to the laws and regulations in your area. In addition, you can contact your local electronics retailers or recycling center for disposal.

User Safety Precautions

- Check the room temperature range is 0°C–45°C (32°–113° Fahrenheit) before charging the battery.
- Do not attempt to disassemble the plastic covering or any parts of the device, as the materials inside may be toxic and may damage skin and clothes.
- Do not puncture, crush, modify, throw or cause any unnecessary shock to your battery, as the battery used in this device may present a risk of fire, explosion, or chemical burn if mistreated.
- Do not leave, charge or use the battery in a car under direct sunlight, near fire or a heated source.
- Do not immerse, throw, wet the battery in water/seawater.
- Do not use or charge the battery if it appears to be abnormally hot, discoloration, deformation or abnormal conditions is detected during use, charge or storage.
- Do not leave a charging battery unattended. Keep the battery away from babies and children.

Notice:

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment and all warranties.

Specification

Power Requirement:

Batteries: Lithium-ion rechargeable battery
3.7V 1180 mAh

GB

Battery Life:

Approx 16 hours of listening with speaker for
4 hours a day at normal volume.

Frequency Coverage:

FM: 87.5 - 108.0 MHz, step 100k

AM: 522 - 1629 kHz, step 9k

AM: 520 - 1710 kHz, step 10k

WX: USA 1-7ch with alert

Circuit Features:

Headphones: 32 ohm, stereo in-ear style

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