

FM/SW/MW/LW
PLL SYNTHESIZED RADIO

Operating Instructions GB
Manual de instrucciones ES

Getting Started

1 Connect the radio to a wall outlet.
Connect the AC power cord to the AC IN jack first, then connect it to a wall outlet.

Extend the telescopic antenna when listening to FM and SW stations. Extending the antenna is not necessary when listening to MW/LW stations.

Telescopic antenna

Connect securely.

AC power cord (supplied)

To AC IN Jack

To a wall outlet

2 Set the clock.
"0:00" will flash on the display when the batteries are installed or the AC power cord is plugged in for the first time.

Press and hold SET CLOCK until the hour indication starts flashing.

Hour setting

Minute setting

Press + or - to set the hour, and then press ENTER.

Press + or - to set the minutes, and then press ENTER.

Notes

- The clock setting mode will be cancelled after 65 seconds if there is no operation.
- The clock setting will reset to the factory default if you remove both the AC power cord and batteries from the unit after you set the clock.

Listening to the Radio

1 Turn on the radio.

2 Select the band (FM, SW, MW or LW).

3 Tune to the station you want.

Press + or - to tune to the desired station.

When you press and hold the button, the unit changes the tuning mode to scan tuning mode. Scan tuning automatically scans the stations in the frequency range of the current band, receiving tuned signals for 3 seconds for each station. For more details on scan tuning, see "Scan Tuning" under "Convenient functions."

To change the meter band in the SW function

Press SW BAND repeatedly. Each time you press the button, the meter band changes as follows. Once changing the meter band, the unit receives the lowest frequency in the selected meter band and starts tuning from that frequency among the whole SW band.

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Presetting stations

Preset favourite stations to the 5 preset buttons. You can preset up to 5 stations each for FM, SW, MW and LW bands.

1 Tune to the station you want.
Follow steps 1 to 3 in "Listening to the Radio" above.

2 Press and hold the desired preset button (1 - 5) until you hear a beep and the preset number appears on the display.

Example: Presetting FM 87.50 to preset number 1.

To change the preset station

- 1 Tune to a new station.
- 2 Press and hold the preset button you want to change. The preset station on the selected button will be replaced by the new one.

Listening to a preset station

1 Select the band (FM, SW, MW or LW).

2 Press the desired preset button (1 - 5).

Notes

- To prevent the preset from being changed by mistake, do not hold the preset button down.
- If no station has been preset to the pressed button, "Non" appears and the unit returns to the frequency before the button was pushed.

About the meter bands

| Meter band | Frequency range (kHz) |
|------------|-----------------------|
| 49 mb | 5,800 - 6,250 |
| 41 mb | 7,100 - 7,550 |
| 31 mb | 9,300 - 10,000 |
| 25 mb | 11,500 - 12,220 |
| 22 mb | 13,500 - 13,900 |
| 19 mb | 15,000 - 15,900 |

As the SW frequencies are assigned to the meter bands as shown in the table, you can make a quick search for a desired frequency by changing the corresponding meter band.

Note
Automatic tuning mode will only be available within the range of the current meter band. When in outside of the range, the tuning mode changes to manual tuning mode.

Improving radio reception

When radio receptions are poor, receptions will be improved by reorienting or adjusting the length of the antenna (FM and SW), or reorienting the unit itself (MW/LW).

For FM

For MW/LW

For SW

Extend the telescopic antenna and adjust the length and the angle for good reception.

Reorient the unit itself to find good reception. (A ferrite bar antenna is built into the unit.)

Extend the telescopic antenna vertically.

To adjust the volume

Connect headphones that have a stereo or monoaural mini plug (not supplied). You will hear monoaural sound through the headphones.

Note
When connecting headphones to the radio, use a headphones cable with a stereo (3-pole) or monoaural (2-pole) mini plug. Sound may not be heard when using other types of plugs.

Compatible plug types

- 1 ring: Monoaural mini plug
- 2 rings: Stereo mini plug

Other types of plugs cannot be used.

* It is recommended that you use the monoaural headphones (ø 3.5 mm mini-plug) with this radio. You can also use stereo headphones, but the headphone output will be monoaural.

To listen through headphones

To use the radio on batteries

Press down on the battery compartment cover at 1 and slide it in the direction of the arrow 2.

Insert the 3 LR14 (size C) batteries first.

Notes

- When the battery power drops to a certain level, the sound may become weak or distorted, and the battery indicator (BAT) will start flashing on the display. After that, when the batteries become fully exhausted, the status of the indicator will change from "flashing" to "lit-up," and the power will go off. If this happens, replace all the batteries with new ones.
- Be sure to turn off the radio and replace the batteries within 60 seconds. Otherwise, the settings such as for the clock, on timer and preset stations will be initialized. Should this happen, perform the necessary settings again. Note that the battery indicator (BAT) will remain lit even after the batteries are replaced. The battery indicator disappears when you turn on the radio after battery replacement.
- Remove the batteries from the unit if the unit is not to be used for an extended period of time. When using the radio again, perform the necessary settings, such as for the clock, on timer and preset stations.

To close the cover, slide it in the direction of the arrow 3 until it clicks into place.

Guide to parts and controls

Unit

The serial number is located on the nameplate on the bottom exterior of the unit.

- I/O (power) button
- VOLUME control*
- SW BAND button
- FM/SW/MW/LW button
- headphones jack
- + / - buttons*
- ENTER/SET CLOCK button (holding down the button enters the clock setting mode.)
- ON TIMER/SET TIMER button (holding down the button enters the timer setting mode.)
- SLEEP button
- Speaker
- Display
- Preset buttons*
- Telescopic antenna
- AC IN jack
- Battery compartment cover
- Carrying handle

* The "MAX" position of VOLUME control, the + button and the preset button numbered 3 has a tactile dot. Use the tactile dot as a reference when operating the radio.

Convenient functions

Sleep Timer

The radio automatically turns off after a set time has elapsed.

1 Press SLEEP. The "SLEEP" indicator starts flashing and the default setting ("90") appears on the display. If you press SLEEP while the radio is off, the radio turns on automatically.

2 Press SLEEP repeatedly to select the desired setting while the "SLEEP" indicator is flashing.

Each time you press the button, the duration (in minutes) changes on the display as follows:

90 → 60 → 30 → 15 → OFF

3 Press ENTER. The selected setting is confirmed and the "SLEEP" indicator stops flashing.

Tips

- If you do not press ENTER within about 3 seconds, the currently selected setting is confirmed automatically.
- You can check the time left until the radio turns off by pressing SLEEP again after setting the sleep timer.

To cancel the sleep timer
You can cancel the sleep timer using either method below:

- Set the sleep timer to "OFF."
- Turn off the radio once, and then turn it on again.

To change the sleep timer setting
Press SLEEP repeatedly to select other settings.

On Timer

The radio automatically turns on at a preset time. When using the on timer, make sure to tune to the station you want to listen beforehand.

1 Press and hold ON TIMER. The "ON TIMER" indicator and the hour indication start flashing on the display.

2 Press + or - to set the hour for the radio to be turned on, and then press ENTER. The minute indication flashes on the display.

3 Press + or - to set the minutes, and then press ENTER. The "ON TIMER" indicator stops flashing and the on timer function is activated. If the radio is turned on, press I/O and turn off the radio.

Notes

- The on timer setting mode will be cancelled after 65 seconds if there is no operation.
- When the on timer function turns the radio on, the sleep timer is automatically activated and the radio goes off after 90 minutes. Until the radio goes off, the display shows both the on timer and sleep timer indicators.

To deactivate the on timer
Press ON TIMER (the "ON TIMER" indicator disappears). Repeatedly pressing the button allows you to activate or deactivate the on timer. Once you set and activate the on timer, the radio turns on at the preset time everyday.

Scan Tuning

1 Press FM/SW/MW/LW to select the band, then press and hold + or -. The unit starts scanning stations in the frequency of the band.

2 Press ENTER to stop scan tuning when the desired station is received. When scan tuning begins, the unit automatically starts scanning from the previously received frequency and pauses for 3 seconds when a station is received, then the scanning continues. Listen to the 3-second radio previews and press ENTER when you encounter the desired station.

Note
For the SW band, if scanning starts from a frequency inside the range of a meter band, scanning is performed only within the current meter band. If scanning starts from a frequency outside the range of a meter band and reaches the following meter band, scanning will continue within that meter band.

About Backlight

The backlight will turn off if no operation is performed for 15 seconds to minimize power consumption.

Tip
The backlight will stay on when performing scan tuning.

To change the MW tuning interval

1 Press I/O to turn off the radio.

2 Press and hold the preset button 1 and FM/SW/MW/LW at the same time until you hear a beep. Each time you press and hold the buttons, the MW tuning interval changes cyclically. Changing the tuning interval erases all the MW preset stations stored in the unit. Reset your preset stations after changing the tuning interval.

Note
The MW tuning interval can be changed only when the radio is turned off. Be sure to turn off the radio beforehand.

To change the clock display mode

1 Press I/O to turn off the radio.

2 Press and hold + and the preset button 1 until the clock display mode is changed. Each time you press and hold the buttons, the clock display mode changes from the 24-hour system to the 12-hour system (or vice versa).

Note
The clock display mode can be changed only when the radio is turned off. Be sure to turn off the radio beforehand.

WARNING

As the main plug is used to disconnect the unit from the mains, connect the unit to an easily accessible AC outlet. Should you notice an abnormality in the unit, disconnect the main plug from the AC outlet immediately.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

To reduce the risk of fire, do not cover the ventilation of the apparatus with newspapers, tablecloths, curtains, etc. And do not place lighted candles on the apparatus.

To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus.

The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.

The nameplate and important information concerning safety are located on the bottom exterior.

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

Batteries or batteries installed apparatus shall not be exposed to excessive heat such as sunshine, fire or the like.

In case of battery leakage
If battery fluid has leaked, do not touch the fluid with your bare hands. Battery fluid may remain inside the unit. Consult your nearest Sony dealer. If battery fluid gets into your eyes, do not rub your eyes, as blindness may occur. Quickly wash your eyes with plenty of clean water and immediately seek medical attention.

If battery fluid gets onto your body or clothing, burns or injury may occur. Quickly wash off with clean water, and seek medical attention if skin inflammation or injuries occur.

Notice for customers: the following information is only applicable to equipment sold in countries applying EU directives
This product has been manufactured by or on behalf of Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. Inquiries related to product compliance based on European Union legislation shall be addressed to the authorized representative, Sony Belgium, bijkantoor van Sony Europe Limited, Da Vincilaan 7-D1, 1935 Zaventem, Belgium. For any service or guarantee matters, please refer to the addresses provided in the separate service or guarantee documents.

CE
The validity of the CE marking is restricted to only those countries where it is legally enforced, mainly in the countries EEA (European Economic Area).

Disposal of waste batteries and electrical and electronic equipment (applicable in the European Union and other European countries with separate collection systems)

This symbol on the product, the battery or on the packaging indicates that the product and the battery shall not be treated as household waste. On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead. By ensuring these products and batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling. The recycling of the materials will help to conserve natural resources.

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff for the recycling of waste batteries. For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product or battery.

The following frequency 1,605.5 kHz - 1,610 kHz range is not allocated to sound broadcasting in the European Common Allocations table and cannot be used in Europe.

Troubleshooting

Should any problems persist after you have made the following checks, consult your nearest Sony dealer.

Display is dim, or no indication is displayed.

- The radio is being used in extremely high or low temperatures or in a place with excessive moisture.

Very weak or interrupted sound, or unsatisfactory reception.

- If you are in a building, listen near a window.
- Try improving radio receptions by using the following procedures.

FM: Extend the telescopic antenna and adjust the length and the angle for best reception.

SW: Extend the telescopic antenna vertically.

MW/LW: An MW/LW antenna is built in the unit. Reorient the unit itself for best reception.

When adjusting for FM or SW reception, adjust the direction of the antenna by holding it at the bottom. The antenna can be damaged if you move the antenna with excessive force.

- Replace all the batteries with new ones if they are exhausted.

There is noise in the speaker output.

- If a mobile phone is placed close to the radio, a loud noise may be heard from the radio. Keep the phone away from the radio.

Batteries become exhausted very quickly.

- Be sure to turn off the radio when not using it. See "Battery life" under "Specifications" for details about the estimated battery life.
- When "Non" starts flashing, replace all the batteries with new ones.

A desired station cannot be received when a preset button is pressed.

- Make sure you have selected the desired band (FM, SW, MW or LW) before you press the preset button. One station for each band can be set to each button.
- You may have held down the preset button to which the station was preset, causing the station to be replaced by a new one. Preset the desired station again.

The message "Non" appears and the preset button indicator ("PRESET" and the preset number) lights up on the display when a preset button is pressed.

- No station has been preset to the corresponding button. Preset a station.

Specifications

Time display
12-hour system/24-hour system

Frequency range

FM
87.5 MHz - 108 MHz (50 kHz step)

SW
5.8 MHz - 15.9 MHz (5 kHz step)

MW
531 kHz - 1,602 kHz (9 kHz step)
530 kHz - 1,610 kHz (10 kHz step)

LW
153 kHz - 279 kHz (9 kHz step)

Intermediate frequency
FM: 128 kHz
SW: 45 kHz
MW: 45 kHz
LW: 45 kHz

Speaker
Approx. 10 cm dia., 12 Ω, monoaural

Audio power output
500 mW

Output
headphones jack (ø 3.5 mm mini jack)

Power requirements
230 V AC, 50/60 Hz (AC power supply)
4.5 V DC, three LR14 (size C) alkaline batteries

Battery life*

- Approx. 100 hours (FM reception)
- Approx. 100 hours (SW reception)
- Approx. 100 hours (MW reception)
- Approx. 100 hours (LW reception)

* When listening through the speaker on Sony (LR45C) alkaline batteries. (The actual battery life may vary depending on the unit and operating conditions.)

Dimensions
Approx. 253 mm × 136.3 mm × 61.2 mm (W/H/D)

Mass
Approx. 860 g (excl. batteries)

Supplied accessories
AC power cord (1)

Design and specifications are subject to change without notice.