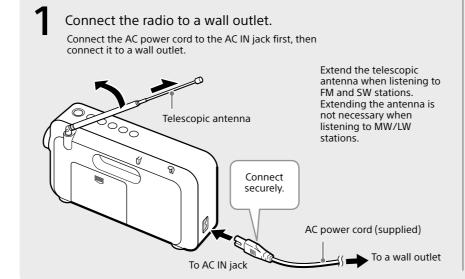
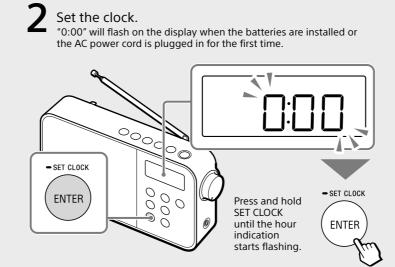
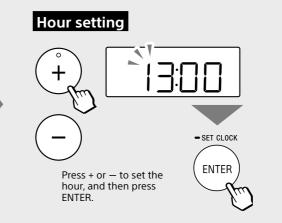
Operating Instructions GB Manual de instrucciones ES

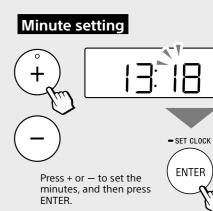
FM/SW/MW/LW PLL SYNTHESIZED RADIO



Getting Started



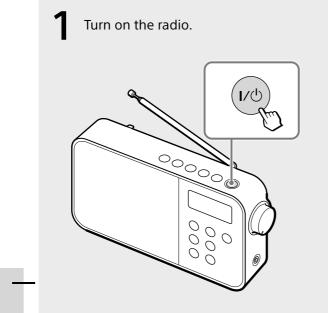




Notes • The clock setting mode will be cancelled after 65 seconds if there is no operation. • The clock setting will reset to the factory default if you remove both the AC power cord and batteries from the unit after

you set the clock.

Listening to the Radio



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

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

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. → 49 mb → 41 mb → 31 mb -- 19 mb ← 22 mb ← 25 mb ←

To change the meter band in the SW function

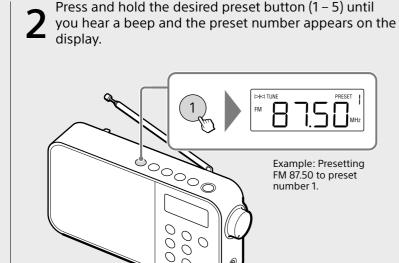
Presetting stations

For customers in Europe Register now for free updates at www.sony-europe.com/myproducts

ICF-M780SL

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





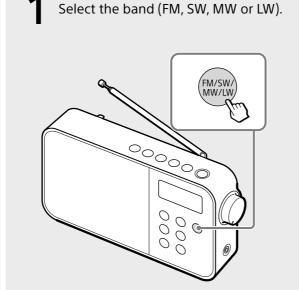
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4-527-232-**13**(1)

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 $\mathbf{7}$ Press the desired preset button (1 – 5).



• 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.

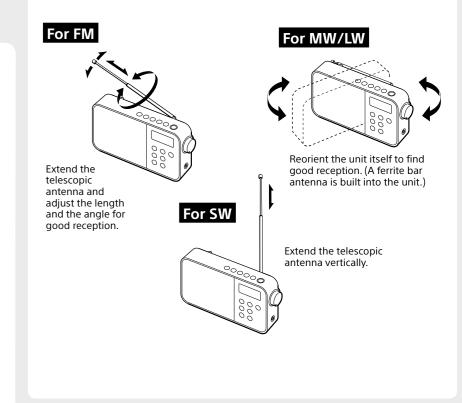
About the meter bands As the SW frequencies are Meter band Frequency range (kHz) assigned to the meter 5,800 - 6,250bands as shown in the 41 mb 7,100 — 7,550 table, you can make a quick search for a desired 9,300 - 10,000 31 mb frequency by changing the 25 mb 11,500 - 12,220corresponding meter band. 22 mb 13,500 - 13,90019 mb 15,000 - 15,900

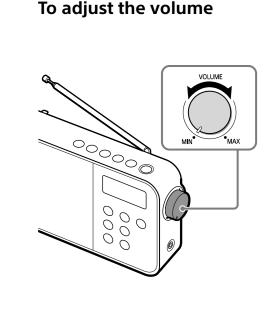
Automatic tuning mode will only be available within the range of the current

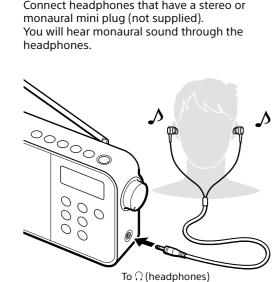
meter band. When in outside of the range, the tuning mode changes to manual

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).

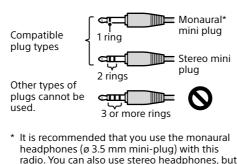






To listen through headphones Connect headphones that have a stereo or

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

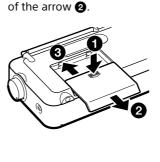


the headphone output will be monaural.

To use the radio on batteries

compartment cover at **1** and slide it in the direction of the arrow **2**.

Press down on the battery



clicks into place.

1 Press FM/SW/MW/LW to select the

band, then press and hold + or —.

2 Press ENTER to stop scan tuning when

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

For the SW band, if scanning starts from a frequency

performed only within the current meter band. If

of a meter band and reaches the following meter

band, scanning will continue within that meter

The backlight will turn off if no operation is

performed for 15 seconds to minimize power

The backlight will stay on when performing scan

To change the MW tuning

1 Press I/ to turn off the radio.

you hear a beep.

2 Press and hold the preset button 1 and

FM/SW/MW/LW at the same time until

Each time you press and hold the buttons, the

Changing the tuning interval erases all the MW

preset stations stored in the unit. Reset your

preset stations after changing the tuning

The MW tuning interval can be changed only when

the radio is turned off. Be sure to turn off the radio

2 Press and hold + and the preset button

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).

1 until the clock display mode is

To change the clock display

1 Press I/() to turn off the radio.

MW tuning interval changes cyclically.

scanning starts from a frequency outside the range

inside the range of a meter band, scanning is

The unit starts scanning stations in the

the desired station is received.

automatically starts scanning from the

When scan tuning begins, the unit

encounter the desired station.

About Backlight

consumption.

interval

interval.

(FM/SW/)

beforehand.

mode

changed.

Scan Tuning

frequency of the band.

Three LR14 (size C) batteries (not supplied) To close the cover, slide it in the direction of the arrow 3 until it

battery first.

Insert the \bigcirc side of the

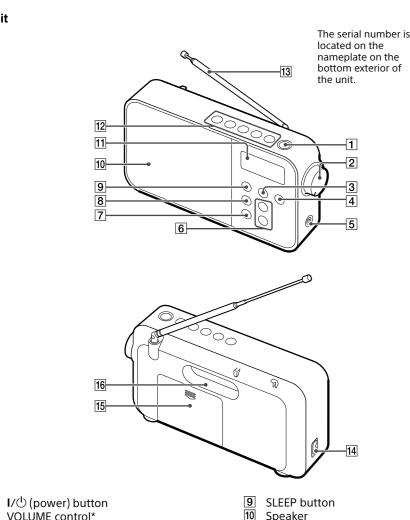
• When the battery power drops to a certain level, the sound may become weak or distorted, and the battery indicator (" will start flashing on the display. After that, when the batteries become fully exhausted, the status of the indicator will change from "flashing" to "lit-up," and the power will go 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 (" $\sqrt{1}$ ") 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.

Guide to parts and controls



Display

AC IN jack

Preset buttons'

Carrying handle

operating the radio.

preset station.

Telescopic antenna

Battery compartment cover

* 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

E Lights up when presetting the stations to

the preset buttons, or when selecting a

Frequency/time/message display area

Indicates the currently selected band.

- I/也 (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
- 8 ON TIMER/SET TIMER button (holding down the button enters the timer setting mode.)
- TUNE ON TIMER (X) SLEEP PRESET
- A Lights up when a station is tuned in. **B** Lights up when the on timer is turned on, or when the unit is in the on timer setting mode. C Lights up or flashes when the battery
- power is low. Replace all the batteries with new ones when this indicator D Lights up when the sleep timer is
- turned on, or when the unit is in the sleep timer setting mode.

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.



(in minutes) changes on the display as follows:

$$90 \longrightarrow 60 \longrightarrow 30 \longrightarrow 15$$

$$\uparrow \qquad OFF \longleftarrow$$

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

• 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

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.



 $\mathbf{2}$ Press + or $\mathbf{-}$ to set the hour for the ENTER.

radio to be turned on, and then press 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/ 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 will go 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

The clock display mode can be changed only when the radio is turned off. Be sure to turn off Once you set and activate the on timer, the radio the radio beforehand turns on at the preset time everyday.

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

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

vour 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 quarantee documents.

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 only. To ensure that the battery and the electrical and electronic equipment will be treated properly, hand over these products at end-of-life to the applicable collection point for the recycling of

electrical and electronic equipment. For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point 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 1,606.5 kHz — 1,610 kHz range is not allocated to sound broadcasting in the European Common Allocations table and cannot be used in Europe.

• Should any solid object or liquid fall into the unit,

disconnect the AC power cord and remove the

· Since a strong magnet is used for the speakers,

personnel before operating it any further.

batteries, and have the unit checked by a qualified

keep personal credit cards using magnetic coding

or spring-wound watches away from the unit to

prevent possible damage from the magnetism.

• To clean the casing, use a soft dry cloth. Do not

use any type of solvent, such as alcohol or

• Do not operate the unit with wet hands since

• When carrying the unit, grasp the handle at the

benzine, which may damage the finish.

doing so may cause a short circuit.

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 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 "\sqrt{3" 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

12-hour system/24-hour system Frequency range

87.5 MHz - 108 MHz (50 kHz step) 5.8 MHz - 15.9 MHz (5 kHz step)

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

153 kHz - 279 kHz (9 kHz step)

Intermediate frequency

FM: 128 kHz SW: 45 kHz Approx. 10 cm dia., 12 Ω , monaural

Audio power output 500 mW

(headphones) jack (ø 3.5 mm mini jack) **Power requirements** 230 V AC, 50 Hz (AC power supply) 4.5 V DC, three LR14 (size C) alkaline batteries

Approx. 100 hours (SW reception) Approx. 100 hours (MW reception) Approx. 100 hours (LW reception) * When listening through the speaker on Sony (LR14SG) alkaline batteries. (The actual battery life may vary depending on the unit and operating conditions.) Dimensions

Approx. 100 hours (FM reception)

Battery life*

Mass Approx. 860 g (excl. batteries) Approx. 1,060 g (incl. batteries) Supplied accessories

Approx. 253 mm \times 136.3 mm \times 61.2 mm (W/H/D)

AC power cord (1)

Design and specifications are subject to change

Precautions

• Operate the unit only on the power sources specified in "Specifications." For battery operation, use three LR14 (size C) alkaline batteries. For AC operation, use the supplied AC power cord; do not use any other cord.

• Unplug the unit from the wall outlet when it will not be used for an extended period of time. • When operating the unit on batteries, it is recommended that you remove the AC power cord from the wall outlet. • Use the unit within a temperature range of 0°C to

40°C. If it is used in temperatures higher than this range, the display may gradually turn black. If it is used in temperatures lower than this range, the display may change very slowly. (These irregularities will disappear and there will be no damage to the unit when the unit is used in the recommended temperature range again.)

• When carrying the radio, grasp the handle at the rear of the unit to prevent the radio from falling.

 Avoid exposure to temperature extremes, direct sunlight, moisture, sand, dust or mechanical shock. Never leave in a car parked in the sun.

