

FM/AM Radio ICF-790

FM/MW/LW 3 Band Radio ICF-790L

FM/SW/MW 3 Band Radio ICF-790S

Operating Instructions
Mode d'emploi
Bedienungsanleitung
Manual de instrucciones

Sony Corporation © 1998 Printed in Malaysia

POWER (ON/STANDBY)
TUNE indicator
Indicateur TUNE
TUNE-Anzeige
Indicador TUNE
Telescopic antenna
Antenne télescopique
Teleskopantenne
Antena telescópica

ICF-790
FM AM
ICF-790L
FM MW LW
ICF-790S
FM MW SW

TUNING
VOL
MIN MAX
TONE
LOW HIGH

A
Four R6 (size AA) batteries
Quatre piles R6 (format AA)
Vier Mignonzellen (R6/AA)
Cuatro pilas R6 (tamaño AA)

B
Carrying handle
Poignée de transport
Tragegriff
Asa de transporte
jack
Prise
-Buchse
Toma

1 to the AC IN jack
à la prise AC IN
an AN IN-Buchse
a la toma AC IN
2 to a wall outlet
à une prise murale
an Wandsteckdose
a una toma de la red

AC power cord supplied
Cordon d'alimentation secteur fourni
Mitgeliefertes Netzkabel
Cable de alimentación de CA suministrado

C
FM UKW
MW/LW PO/GO
SW OC KW

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

NOTICE FOR CUSTOMERS IN THE UNITED KINGDOM

A moulded plug complying with BS 1363 is fitted to this equipment for your safety and convenience.

Should the fuse in the plug supplied need to be replaced, a 5 AMP fuse approved by ASTA or BS 1 to BS 1362, (i.e. marked with ⚡ or ⚡ mark) must be used.

If the plug supplied with this equipment has a detachable fuse cover, be sure to attach the fuse cover after you change the fuse. Never use the plug without the fuse cover. If you should lose the fuse cover, please contact your nearest Sony service station.

IMPORTANT

If the plug supplied is not suitable for the socket outlets in your home, it should be cut off and an appropriate plug fitted in accordance with the following instructions.

The wire in this mains lead are coloured in accordance with the following code:
Blue :Neutral
Brown :Live
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The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red. Do not connect either wire to the earth terminal in the plug which is marked by the letter E or by the safety earth symbol ⚡ or coloured green or green and yellow.

WARNING

To prevent shock hazard, do not insert the plug cut off from the mains lead into a socket outlet. This plug cannot be used and should be destroyed.

Before You Begin

Thank you for choosing the Sony FM/AM 2 Band Radio and FM/MW/LW/SW 3 Band Radio! These units will give you many hours of reliable service and listening pleasure. Before operating the units, please read these instructions thoroughly and retain them for future reference.

These instructions cover these models: ICF-790, ICF-790L and ICF-790S
Their differences are shown below.

Model Number	ICF-790	ICF-790L	ICF-790S
Band	FM/AM	FM/MW/LW	FM/SW/MW

Features

- Two different power sources: batteries and house current.
- TONE control facilitates fine tone adjustment.
- TUNE indicator lights up while receiving radio reception.

Choosing Power Sources

Batteries (See fig. A)

- 1 Open the lid of the battery case.
- 2 Insert the batteries with correct polarity.
- 3 Close the lid.

Battery life

Using Sony batteries R6 (size AA) SUM-3:
Approx. 35 hours

Replacing batteries

When the sound becomes weak or distorted, replace all the batteries with new ones.

Note

When the unit is not to be used for a long period of time, remove them to avoid damage caused by battery leakage and corrosion.

House current (See fig. B)

Connect the AC power cord supplied to the unit, and plug into a wall outlet.

Operating the radio

- 1 Press the POWER switch (⏻) to turn on the radio.
- 2 Select a desired band, and tune in a station using TUNING.
TUNE (tuning) indicator lights up when a station is tuned in.
- 3 Adjust the volume using VOL.
- 4 Adjust the tone to your preference using TONE.
To obtain clear treble, turn to "HIGH".
To reinforce bass, turn to "LOW".

- To turn off the radio, press the POWER switch (⏻).
- For private listening, connect an earphone to the Ⓜ jack.
- To improve Receiving condition (See fig. C) FM: Extend the telescopic antenna and adjust the length and the angle for the best reception. AM(MW)/LW: Since the reception is affected by the direction of the radio, rotate the unit horizontally for optimum reception. SW: Extend the telescopic antenna vertically.

Precautions

- Operate the unit on the power source listed in the "Specifications".
For battery operation, use for R6 (size AA) batteries.
For AC operation, check that the unit's operating voltage is identical with your local power supply and use the supplied AC power cord; do not use any other type.
- 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 indicating operating voltage, etc. is located on the rear exterior.
- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust, or mechanical shock.
- Should any solid object or liquid fall into the unit, disconnect the AC power cord or remove the batteries, and have the unit checked by qualified personnel before operating it any further.
- In vehicles or in buildings, radio reception may be difficult or noisy. Try listening near a window.
- Since a strong magnet is used for the speaker, keep personal credit cards using magnetic coding or spring-wound watches away from the unit.
- When the casing becomes soiled, clean it with a soft cloth dampened with mild detergent solution. Never use abrasive cleansers or chemical solvents, as they may mar the casing.

If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.

Specifications

Frequency range:	Italy			
	Band	ICF-790	ICF-790L	ICF-790S
FM	FM	87.5-108 MHz	-	-
	AM	526.5-1606.5 kHz	-	-
Other countries	FM	87.6-107.5 MHz	87.6-107.5 MHz	87.6-107.5 MHz
	AM (MW)	531-1602 kHz	531-1602 kHz	531-1602 kHz
	LW	-	153-255 kHz	-
	SW	-	-	5.95-18 MHz

Intermediate frequency

FM: 10.7 MHz
AM: 455 kHz

Speaker

Approx. 10.2 cm (4 1/8 inches) dia., 8

Power output

430 mW(at 10 % harmonic distortion)

Output

Ⓜ jack (minijack)

Power requirements

With the supplied AC power cord:
North American countries: 120 V AC, 60 Hz
Australia: 240V AC, 50Hz
Other countries : 220-230 V AC, 50Hz
With four R6 (size AA)batteries: 6V DC

Dimensions

Approx. 258 x 133 x 65 mm (W/h/d)
(10 1/4 x 5 1/4 x 2 5/8 inches)
incl. projecting parts and control with carrying handle pushed in.

Mass

Approx. 975 g (2 lb 2 oz) incl. batteries

Supplied accessory

AC power cord (1)

Design and specifications are subject to change without notice.

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

NOTICE FOR CUSTOMERS IN THE UNITED KINGDOM

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Band	FM/AM	FM/MW/LW	FM/SW/MW

Features

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- TONE control facilitates fine tone adjustment.
- TUNE indicator lights up while receiving radio reception.

Choosing Power Sources

Batteries (See fig. A)

- 1 Open the lid of the battery case.
- 2 Insert the batteries with correct polarity.
- 3 Close the lid.

Battery life

Using Sony batteries R6 (size AA) SUM-3:
Approx. 35 hours

Replacing batteries

When the sound becomes weak or distorted, replace all the batteries with new ones.

Note

When the unit is not to be used for a long period of time, remove them to avoid damage caused by battery leakage and corrosion.

House current (See fig. B)

Connect the AC power cord supplied to the unit, and plug into a wall outlet.

Operating the radio

- 1 Press the POWER switch (⏻) to turn on the radio.
- 2 Select a desired band, and tune in a station using TUNING.
TUNE (tuning) indicator lights up when a station is tuned in.
- 3 Adjust the volume using VOL.
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To obtain clear treble, turn to "HIGH".
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- To turn off the radio, press the POWER switch (⏻).
- For private listening, connect an earphone to the Ⓜ jack.
- To improve Receiving condition (See fig. C) FM: Extend the telescopic antenna and adjust the length and the angle for the best reception. AM(MW)/LW: Since the reception is affected by the direction of the radio, rotate the unit horizontally for optimum reception. SW: Extend the telescopic antenna vertically.

Precautions

- Operate the unit on the power source listed in the "Specifications".
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Intermediate frequency

FM: 10.7 MHz
AM: 455 kHz

Speaker

Approx. 10.2 cm (4 1/8 inches) dia., 8

Power output

430 mW(at 10 % harmonic distortion)

Output

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With the supplied AC power cord:
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Dimensions

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(10 1/4 x 5 1/4 x 2 5/8 inches)
incl. projecting parts and control with carrying handle pushed in.

Mass

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Supplied accessory

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WARNING

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Band	FM/AM	FM/MW/LW	FM/SW/MW

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- TONE control facilitates fine tone adjustment.
- TUNE indicator lights up while receiving radio reception.

Chosing Power Sources

Batteries (See fig. A)

- 1 Open the lid of the battery case.
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- 3 Close the lid.

Battery life

Using Sony batteries R6 (size AA) SUM-3:
Approx. 35 hours

Replacing batteries

When the sound becomes weak or distorted, replace all the batteries with new ones.

Note

When the unit is not to be used for a long period of time, remove them to avoid damage caused by battery leakage and corrosion.

House current (See fig. B)

Connect the AC power cord supplied to the unit, and plug into a wall outlet.

Operating the radio

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Intermediate frequency

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Power output

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Supplied accessory

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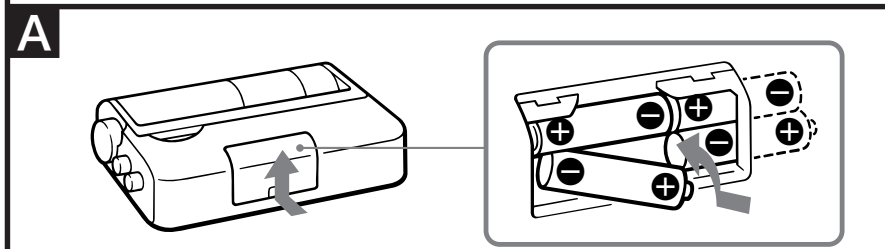
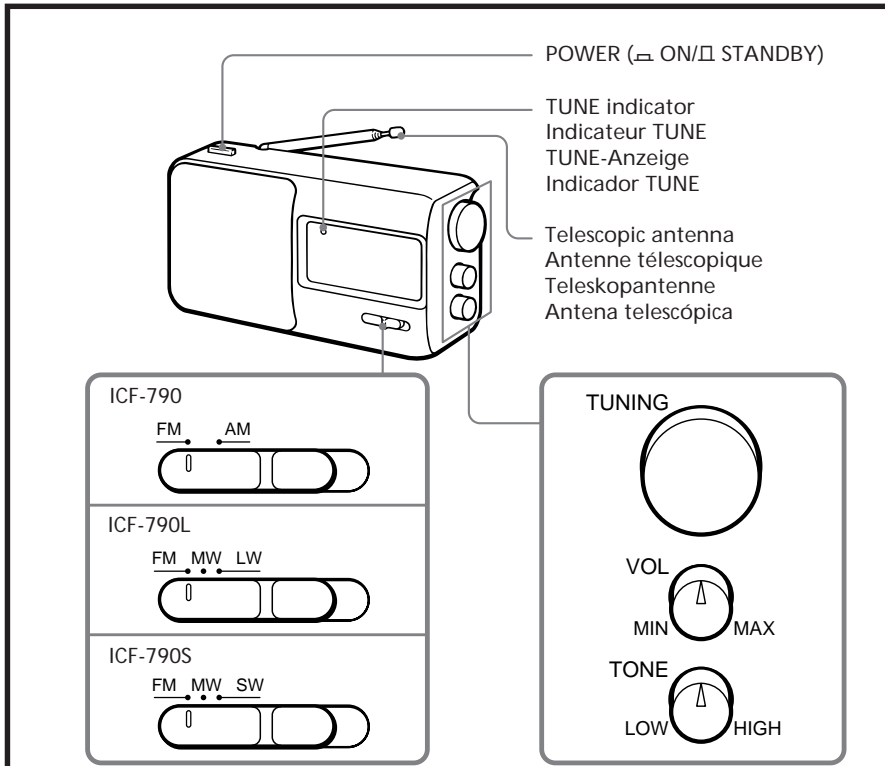
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Vier Mignonzellen (R6/AA)
Cuatro pilas R6 (tamaño AA)

