English

FM Stereo/AM PLL Synthesized Radio

Operating Instructions
●●● KR ●●●

SRF-T615

Sony on line
http://www.world.sony.com/

VOL
HOLD
POWER
MENU
Preset buttons (1-7)
Jog lever (enter/band)
Display window
NOISE CUT

Headphones
Ω (headphones) jack
Ω (headphones)/◁ (speaker) switch
Battery compartment

A
ⓐ
Rear
R03 (size AAA) batteries
ⓑ

B
ⓐ
MENU
ⓑ
ⓒ
Slide up or down
Press

C
ⓐ
Headphones cord
ⓑ

Before operating the unit, please read this manual thoroughly and retain it for future reference.

Features

- One-finger jog lever operation for changing wavebands and setting modes
- Presets for up to 7 FM or AM stations — My-memory function
- 2 modes for the buzzer alarm — Alarm and Timer function
- Reduces interfering noise when reception is poor, such as on trains, etc. — Noise reduction function
- Automatically turns off the radio after the duration you selected — Power Auto Off function

Notes on AM channel step

The AM channel step differs depending on areas. The channel step of this unit is factory-set to 9 kHz. Switch the channel step when using the unit in areas with the 10 kHz frequency allocation system (see "Before Listening to AM Broadcasts").

Area	Channel step
North and South American countries	10 kHz
Other countries	9 kHz

▶Getting Started

Installing the Batteries
(see Fig. **A**-ⓐ)

1 **Open the battery compartment lid and install two batteries.**
When the batteries are first installed, "AM 12:00" flashes in the display. Once the current time is set, the flashing stops. To set the current time, see "Setting the Clock".
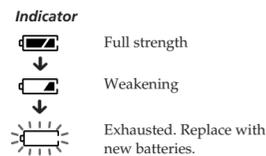
2 **Close the lid.**

Battery life

Using Sony R03 (AAA) batteries
(Approx. hours)

Band	Battery life	
	Headphones	Speaker
FM	19	12
AM	35	15

When to replace the batteries

When "▭" flashes in the display, replace both batteries with new ones.

You can check the remaining power of the batteries in the display (only when the power is turned on).
The indicators are as follows:

Indicator

▭ Full strength
↓
▭ Weakening
↓
▭ Exhausted. Replace with new batteries.

Notes

- Do not use more than 60 seconds to replace the batteries. Otherwise, your clock setting and My-memory preset stations will be erased from the memory. Should that happen, reset the functions again.
- When you press POWER after installing new batteries, " " in the display changes to " ".

Notes on Battery

- Insert the batteries with correct polarity.
- Do not mix new and used batteries.
- The batteries can not be charged.
- Remove the batteries when the unit is not to be used for a long time.
- Should any battery leakage occur, wipe the battery case well and install new batteries.

About the Power Auto Off function

To prevent the batteries from being drained when the radio is unintentionally left on, you can use the Power Auto Off function to automatically turn off the radio after a specified duration. (The duration is factory set at 90 minutes.)

When the battery compartment lid becomes detached (see Fig. **A**-ⓑ)

The battery compartment lid is designed to be detached if opened with excessive force. To reattach it, see the illustration.

Mode Settings

Mode	Function
Clock setting	Provides the correct time for other time-related settings.
Alarm setting	Buzzer comes on at the set alarm time.
Timer setting	Buzzer comes on after the set timer duration.
Auto Off setting	Turns the radio off after 30, 60, 90, or 120 minutes. Function can be deactivated.

Using the Jog Lever

The jog lever is for switching wavebands, setting time-related functions, tuning as well as other selection and setting operations. To operate the jog lever, slide it up or down, or press it. To set the various functions, press MENU to bring on the Menu display first.

Holding the unit (see Fig. **B**-ⓐ)

Operations

Slide (see Fig. B-ⓑ): for selection of mode, frequency, etc.
Press (see Fig. B-ⓒ): for changing frequency, or entering selections in the display.

Setting the Clock

1 **Press MENU.**

2 **Slide the jog lever up or down to select "CLOCK", and then press the jog lever.**

3 **Slide the jog lever up or down for the correct hour to appear, and then press the jog lever.**
(AM 12:00 = midnight, PM 12:00 = noon)

4 **Repeat step 3 to set the minute, and then press the jog lever.**
":" starts to flash in the display and the clock is activated.

For accurate clock setting, set the current time slightly ahead and dial in to the time announcement service on the phone. At the announcement of the time that you have set, press the jog lever to activate the clock.

Note

If you do not operate the unit 60 seconds after pressing MENU, the menu display will return to the previous display. To quit the menu display midway during setting, press MENU again.

Setting the Buzzer Alarm Time — Alarm Function and Timer Function

The alarm can be set both when the power is on or off. The buzzer will sound at the preset time even when the power is off. There are two modes for the alarm setting:
- Alarm function: For the buzzer to sound at the hour and minute set.
- Timer function: For the buzzer to sound the number of minutes after the function is activated (timer duration). The timer duration can be set between 1 and 180 minutes (3 hours) in 1 minute steps.

Setting the Alarm Function

1 **Press MENU.**

2 **Slide the jog lever up or down to select "ALARM", and then press the jog lever.**

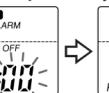3 **Slide the jog lever to select "On", and then press the jog lever.**

4 **Slide the jog lever to set the hour for the alarm time, and then press the jog lever.**
Example: The alarm to come on at 7:00 AM

Flashes during the setting

5 **Repeat step 4 to set the minute, and then press the jog lever.**

If you make the setting while the power is off, the display shows the current time.
If you make the setting while the power is on, the display shows the tuned-in radio frequency.
"(((•)))" appears in the display, and the buzzer will sound at the alarm time. If you are listening to the radio at that time, the radio sound will stop when the buzzer sounds, and come back on again after the alarm.

To stop the alarm
Press any button on the radio. The alarm will sound even if the Hold function is activated. The buzzer will sound for about 3 minutes if uninterrupted.

To cancel the alarm function
Follow the steps and select "OFF" at step 3. "(((•)))" disappears in the display.

Notes

- If you set the alarm without first setting the clock (i.e. with "AM 12:00" flashing in the display), activating the alarm function will also start the clock.
- The alarm will sound even if the Hold function is activated after the alarm setting.
- If you do not operate the unit 60 seconds after pressing MENU, the menu display will return to the previous display. To quit the menu display midway during setting, press MENU again.
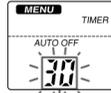- The loudness of the buzzer cannot be adjusted.

Setting the Timer Function

1 **Press MENU.**

2 **Slide the jog lever to select "TIMER", and then press the jog lever.**

3 **Slide the jog lever to select "On", and then press the jog lever.**

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4 **Slide the jog lever for the timer duration (the time between the activation of the function and the alarm), and then press the jog lever.**
The timer duration can be set between 1 and 180 minutes, in 1 minute steps.
Example: The alarm to come on after 30 minutes

Flashes during the setting

"(((•)))" appears in the display and the buzzer sounds after the timer duration set.
If you are listening to the radio at that time, the radio transmission will stop when the buzzer sounds, and come back on again after the alarm.

To stop the alarm
Press any button on the radio. The alarm will sound even if the Hold function is activated. The buzzer will sound for about 3 minutes if uninterrupted. When you stop the buzzer, the timer setting is automatically canceled.

To cancel the timer function
Follow the steps and select "OFF" at step 3. "(((•)))" disappears in the display.

Notes

- The alarm will sound even if Hold function is activated after the alarm setting.
- If you do not operate the unit 60 seconds after pressing MENU, the menu display will return to the previous display. To quit the menu display midway during setting, press MENU again.
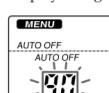- The loudness of the buzzer cannot be adjusted.

Switching off the Radio Automatically —Power Auto Off Function

To prevent unnecessary wear of the batteries, you can use the Auto Power Off function to automatically turn off the radio after 30, 60, 90 or 120 minutes. This function can be deactivated.

1 **Press MENU.**

2 **Slide the jog lever to select "AUTO OFF", and then press the jog lever.**

3 **Slide the jog lever to select the desired time, and then press the jog lever.**
Each time you slide the jog lever, the time in the display changes as follows:

→ 90 ←→ 120 ←→ OFF ←→ 30 ←→ 60 →

To cancel the Power Auto Off function
Follow the steps and select "OFF" at step 3. "AUTO OFF" disappears in the display.

Improving Reception

FM (see Fig. **C**-ⓐ)
The headphones cord serves as the antenna, so extend the headphones cord as long as possible.
When listening through the speaker, be sure to connect the headphones and extend the headphones cord as long as possible.

AM (see Fig. **C**-ⓑ)
An AM antenna is built into the unit. Rotate the unit horizontally until you get the best reception.

When the signal is weak and reception is noisy
Press NOISE CUT.

Note
FM stereo broadcasts will be received in monaural when you press NOISE CUT.

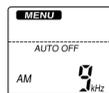## To Prevent Accidental Operation — HOLD Function

When you slide HOLD in the direction of the arrow, "⊶" appears in the display, and all the other buttons on the radio will become inoperative.
This function prevents the radio from being unintentionally turned on, or the radio frequency from being accidentally changed.

▶Operating the Radio

Before Listening to AM Broadcasts

The AM frequency step of this radio is set to 9 kHz. The 10 kHz frequency step system is used, however, in some areas of North and South America. Change the AM frequency step as follows to listen to AM broadcasts in these areas.

1 **Press POWER to turn off the power.**

2 **Hold down MENU for 5 seconds or longer.**

3 **Slide the jog lever to select "10 kHz", and then press the jog lever.**

Notes

- Reset the following after switching the AM frequency step system:
  —My-Memory presets
  —Current time
  —Alarm setting
  —Timer setting
- The AM frequency step may revert to 9 kHz if you took more than 60 seconds to replace the batteries. In this case, readjust the channel step.

Operating the Radio — Manual Tuning

1 **Connect the headphones cord to the Ω jack, when listening through them.**
Even when listening to FM broadcast through the speaker, be sure to connect the headphones cord, extending as long as possible, because the headphones cord serves as the antenna.

2 **Press POWER to turn the power on.**
If "⊶" is in the display, slide HOLD to turn off the Hold function.

3 **Set Ω (headphones) /◁ (speaker) to either Ω or ◁.**
When you select Ω, the speaker is deactivated.

4 **Press the jog lever to select the band.**

5 **Slide the jog lever to select the desired frequency.**
One slide of the jog lever changes the frequency by 0.1 MHz for FM and 9 kHz or 10 kHz for AM.
When the frequency matches the broadcast frequency, the broadcast will be received.

6 **Adjust the volume with VOL.**

Presetting your Favorite Stations — My-memory Function

You can preset up to 7 of your favorite FM or AM stations. To access the stations, simply press the corresponding preset buttons (1-7).

Presetting a Station

1 **Connect the headphones cord to the Ω jack, when listening through them.**
Even when listening to FM broadcast through the speaker, be sure to connect the headphones cord, extending as long as possible, because the headphones cord serves as the antenna.

2 **Turn the power on.**
If "⊶" is in the display, slide HOLD to turn off the HOLD function.

3 **Set Ω (headphones) /◁ (speaker) to either Ω or ◁.**
When you select Ω, the speaker is deactivated.

4 **Tune in to the station you wish to preset by manual tuning.**

5 **Select a preset button (1-7) and hold down the button until you hear two beeps.**
Example: Display window when you preset 82.5 MHz on FM as the position 1.

To change the station on a preset button
Follow steps 4 and 5 with the new station you wish to preset. The station previously set to the button is erased.

Tuning in to a Preset Station

1 **Turn the power on.**
If "⊶" appears in the display, release the HOLD button.

2 **Set Ω/◁ to either Ω or ◁.**
When you select Ω, the speaker is deactivated.

3 **Press the preset button (1-7) where the desired station is stored.**

4 **Adjust the volume with VOL.**

▶Additional Information

Precautions

- Do not open the unit. Refer servicing to qualified personnel only.
- Operate the unit only on 3V DC. For battery operation, use two R03 (size AAA) batteries.
- Avoid exposure to temperature extremes, direct sunlight, moisture, sand, dust or mechanical shock. Never leave in a car parked in the sun.
- The nameplate indicating operating voltage, etc. is located at the rear.
- Should any solid object or liquid fall into the unit, remove the batteries, and have the unit checked by qualified personnel before operating it any further.
- Since a strong magnet is used for the speaker, keep personal credit cards using magnetic coding or spring-wound watches away from the unit to prevent possible damage from the magnet.
- When the casing become soiled, clean it with a soft cloth dampened with a mild detergent solution. Never use abrasive cleansers or chemical solvents, as they may mar the casing.
- In vehicles or in buildings, radio reception may be difficult or noisy. Try listening near a window.

Notes on Headphones

Road safety

Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in many areas. It can also be potentially dangerous to play your headphones at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

Preventing hearing damage

Avoid using headphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.

Caring for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to people around you.

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

Troubleshooting

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

Symptom	Cause/Solution
No sound at all from the radio	The batteries have been installed incorrectly. Install them with correct polarity.
	The batteries are exhausted. Replace both batteries with new ones.
	Volume is very low. Adjust VOL.
Noise interference, poor reception	Reception is weak. Reception may become poor when you are in a building or on a train. Try listening to the radio near a window.
	When receiving FM broadcasts, connect the headphones cord to the Ω jack and extend the headphones cord as long as possible. (For FM reception, the cord serves as the antenna.)
The power for the radio is suddenly cut.	The batteries are exhausted. Replace them with new ones.
	The Power Auto Off function is in effect. The function turns off the radio automatically after a specified duration. Disable Power Auto Off .

Specifications

Frequency range

Band	Frequency range	Channel step
FM	76-108 MHz	0.1 MHz
AM	530-1,710 kHz	9 kHz/10 kHz

Speaker
Approx. 2.8 cm (1 1/8 inches) dia., 7.2 Ω
Output
Ω (headphone) jack (ø 3.5 mm, stereo-minijack)
Power output
80 mW (at 10% harmonic distortion)
Power requirements
3 V DC, two R03 (size AAA) batteries
Power Auto Off function
Approx. 30 minutes, 60 minutes, 90 minutes, 120 minutes, and off
Dimensions
Approx. 55 × 91 × 13.5 mm (w/h/d) (2 1/4 × 3 5/8 × 9/16 inches) not incl. projecting parts and controls
Approx. 56.8 × 91.7 × 13.8 mm (w/h/d) (2 1/4 × 3 5/8 × 9/16 inches) incl. projecting parts and controls
Mass
Approx. 68 g (2.4 oz) incl. batteries

Supplied Accessories

Batteries (2)
Headphones (1)
Ear pads (2)
Carrying case (1)

Design and specifications are subject to change without notice.