

FM/AM Clock Radio

ICF-C218

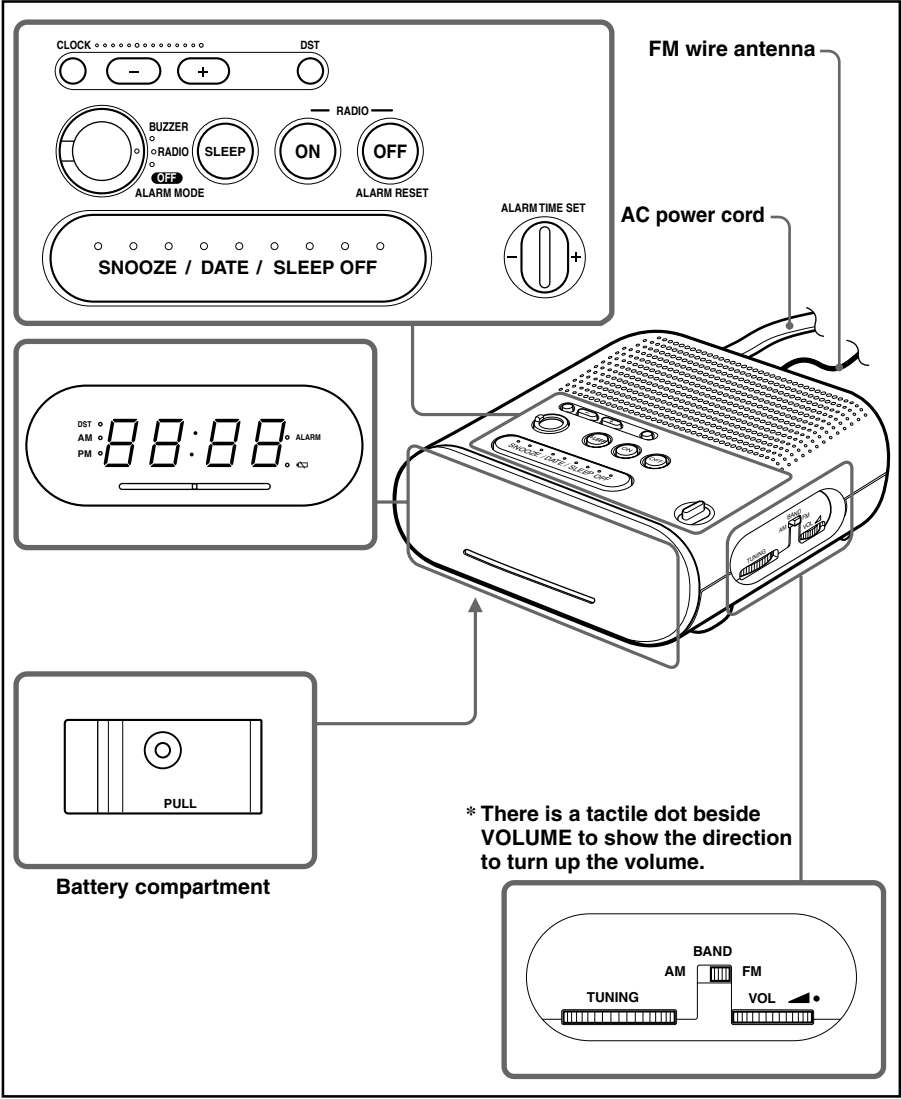
Operating Instructions

DREAM MACHINE

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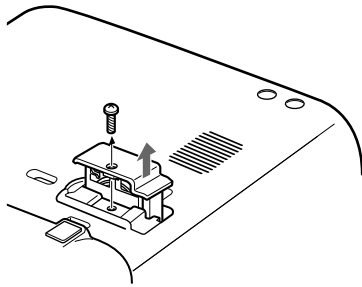
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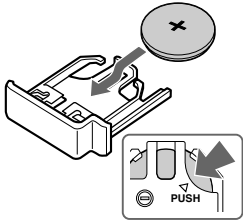


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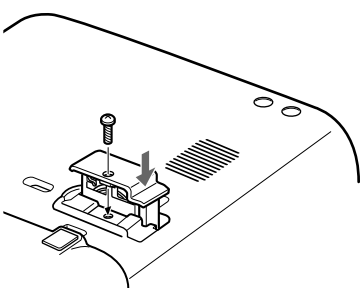
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Precautions

- Operate the unit on the power source specified in "Specifications".
- The nameplate indicating operating voltage, etc. is located on the bottom of the unit.
- To disconnect the power cord (mains lead), pull it out by the plug, not the cord.
- 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.
- Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on a surface (a rug, blanket, etc.) or near materials (a curtain) that might block the ventilation holes.
- Should any solid object or liquid fall into the unit, unplug the unit and have it checked by a qualified personnel before operating it any further.
- To clean the casing, use a soft cloth dampened with a mild detergent solution.
- Do not connect the antenna lead to the external antenna.
- 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.



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

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

Specifications

Time display
12-hour System

Frequency range

Band	Frequency
FM	87.5 – 108 MHz
AM	530 – 1 710 kHz

Speaker
Approx. 6.6 cm (2 5/8 inches) dia., 8 Ω

Power output
150 mW (at 10% harmonic distortion)

Power requirements
230 V AC, 50 Hz
For power backup: 3 V DC, one CR2032 battery

Dimensions
Approx. 155 × 64.5 × 150 mm (w/h/d)
(6 1/8 × 2 5/8 × 6 inches) incl. projecting parts and controls

Mass
Approx. 513.2 g (1 lb 2.1 oz) incl. CR2032 battery: model for UK
Approx. 498.2 g (1 lb 1.6 oz) incl. CR2032 battery: model for Australia

Design and specifications are subject to change without notice.

Troubleshooting

Should any problem occur with the unit, make the following simple checks to determine whether or not servicing is required.
If the problem persists, consult your nearest Sony dealer.

The clock flashes "AM 12:00" due to a power interruption.
• The battery is low. Replace the battery. Remove the old battery and install a new one.

The radio or buzzer alarm does not sound at the preset alarm time.
• Has the desired radio or buzzer alarm been activated? (i.e., Does the ALARM indicator light up?)

The radio alarm is activated but no sound comes on at the preset alarm time.
• Has VOLUME been adjusted?

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

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

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

To reduce the risk of fire or electric shock, do not place objects filled with liquids, such as vases, on the apparatus.

Connect the apparatus to an easily accessible AC outlet. Should you notice an abnormality in the apparatus, disconnect the main plug from the AC outlet immediately.

WARNING
Battery may explode if mistreated.
Do not recharge, disassemble or dispose of in fire.

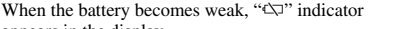
Features

- Single alarm FM/AM Clock radio.
- Various types of alarms — radio and buzzer.
- Automatic time set — When you plug the clock in for the first time, the current time will be shown in the display (UK model only).
- Automatic Daylight Saving Time/Summer time adjustment (UK model only).
- DST button to adjust Daylight Saving Time/Summer time (for Australian model).
- Date button to display month, day and year.
- Battery backup to keep the clock during a power interruption with a CR2032 battery installed (for UK model)/supplied(for Australian model).
- Extendable snooze — snooze time can be extended from 10 to 60 minutes in maximum every time you use.

About the backup battery

To keep good time, as backup power source, this unit has one CR2032 battery inside of the unit in addition to the house current (The battery is supplied with the unit for Australian model.). The battery keeps the clock in the event of a power interruption.

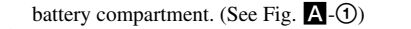
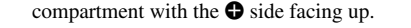
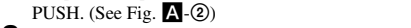
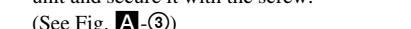
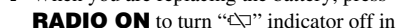
Knowing when to replace the battery

When the battery becomes weak, “” indicator appears in the display. In the event of a power interruption when the battery is weak, current time and alarm functions will be initialized.

Replace the battery with a Sony CR2032 lithium battery. Use of another battery may present a risk of fire or explosion.

Note for customers in the UK
The clock is preset at the factory, and its memory is powered by the preinstalled Sony CR2032 battery. If the “AM 12:00” flashes on the display when the unit is connected to AC outlet for the first time, the battery may be weak. In this case, consult a Sony dealer. The preinstalled CR2032 battery is considered part of the product, and is covered by the warranty. You are required to show “Note for customers in the UK” (in this instruction) to a Sony dealer in order to validate the warranty for this product.

Installing and replacing the backup battery

- 1 Keep the AC plug connected to the AC outlet, remove the screw that secures the battery compartment at the bottom of the unit using a screwdriver, and remove the battery compartment. (See Fig. )
- 2 Insert a new battery in the battery compartment with the  side facing up. To remove the battery from the battery compartment, push it out from the side marked PUSH. (See Fig. )
- 3 Insert the battery compartment back into the unit and secure it with the screw. (See Fig. )
- 4 When you are replacing the battery, press **RADIO ON** to turn “” indicator off in the display.

Note
If you replace the battery, do not disconnect AC plug from AC outlet. Otherwise, current time and alarm will be initialized.

- NOTES ON LITHIUM BATTERY**
- Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.
 - Wipe the battery with a dry cloth to assure a good contact.
 - Be sure to observe the correct polarity when installing the battery.
 - Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.
 - Do not expose the battery to excessive heat such as direct sunlight, fire or the like.

CAUTION
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the equipment manufacturer.

Battery Warning
When the unit will be left unplugged for a long time, remove the battery to avoid undue battery discharge and damage to the unit from battery leakage.

Setting the clock for the first time (UK model only)

This unit is preset to the current date and time at the factory, and is powered by the back up battery. All you need to do the first time is just plug it in.

Plug in the unit.
“month and date” (about 1 second) → “year” (about 1 second) → “current time” appears in the display in turn.
Note
During the shipment and your first use, a clock error may occur. In this case, refer to “Setting the clock and date” to set the correct time.

When daylight saving time (summer time) begins

The following models employ the Automatic Daylight Saving Time/Summer Time adjustment. The DST indicator in the display appears in the display at the beginning of the daylight saving time (summer time), and disappears at the end of it. Automatic DST/Summer Time adjustment is based on GMT (Greenwich Mean Time).

- Summer time begins at: 1:00 AM on the final Sunday of March.
- Standard time begins at: 2:00 AM on the final Sunday of October.

To cancel the Automatic DST/ Summer Time adjustment and to set DST display manually

The Automatic DST/Summer Time adjustment can be cancelled.
Press and hold **DST** for more than 3 seconds while the clock is displayed.
A beep sounds, and “Aut → OFF” appears in the display to show that the Automatic DST/Summer Time adjustment is cancelled. The display returns to the clock.

- Notes**
- The change timing of Automatic DST/Summer Time adjustment employed by the unit (see above) is subjected to variation by circumstances and the law in each country/region. In such a case, cancel the Automatic DST/Summer Time adjustment and set DST display manually as necessary. The customer who lives in the country/region that has not introduced the daylight saving time (summer time) must cancel Automatic DST/Summer Time adjustment before using the set.
 - To activate the Automatic DST/Summer Time adjustment again, press and hold **DST** for more than 3 seconds. A beep sounds, and “Aut → On” appears in the display to show that the Automatic DST/ Summer Time adjustment is activated. The display returns to the clock.
 - To change the display to the daylight saving time (summer time) manually, see “To change the display to the daylight saving time (summer time) indication.”

Setting the clock and date

Follow the procedure from step **1** for Australian model. To change the setting for UK model, follow the procedure from step **2**.

- 1 Plug in the unit.
The display will flash “AM 12:00”.
- 2 Press **CLOCK** for more than 2 seconds. You will hear a beep and the year will start to flash in the display.
- 3 Press **+** or **–** until the correct year appears in the display.
- 4 Press **CLOCK**.
- 5 Repeat steps **3** and **4** to set the month, day and time.
After setting the time, two short beeps sound and the clock starts from 0 seconds.

- Pressing and holding **+** or **–** changes the year, month or day rapidly.
When setting the current time, time changes rapidly by 1 minute-increments up to 10 minutes, and then by 10 minute-increments.
- While setting the clock, you must perform each step within 65 seconds, or the clock setting mode will be cancelled.

To display the year and date

Press **SNOOZE/DATE/SLEEP OFF** once for the date, and within about 3 seconds press it again for the year.
The display shows the date or year for about 3 seconds and then changes back to the current time. If you connect the AC plug to AC outlet while this unit is powered from the backup power source, the current date and time appears in the following order. (It is same as when the unit is powered on after the power failure.)
“month and date” (about 1 second) → “year” (about 1 second) → “current time”

To change the display to the daylight saving time (summer time) indication

Change the daylight saving time (summer time) adjustment setting according to the following procedures if;
– you have Australian model.
– you have cancelled the Automatic DST/Summer Time adjustment.

Press **DST**.
DST indicator appears in the display and the time indication changes to the daylight saving time (summer time).
To deactivate the daylight saving time (summer time) adjustment, press **DST** again.

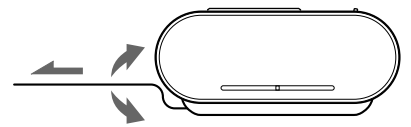
Operating the radio

- 1 Press **RADIO ON** to turn on the radio.
- 2 Adjust volume using **VOLUME**.
- 3 Select **BAND**.
- 4 Tune in to a station using **TUNING**.

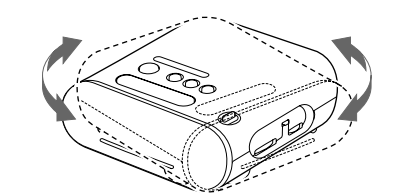
To turn off the radio
Press **RADIO OFF/ALARM RESET**.

Improving the reception

FM:
Extend the FM wire antenna fully to increase reception sensitivity.



AM:
Rotate the unit horizontally for optimum reception. A ferrite bar AM antenna is built-in to the unit.



Do not operate the unit over a steel desk or metal surface, as this may lead to interference of reception.

Setting the alarm

The alarm function can be select from two alarm sounds, RADIO or BUZZER.

- Notes**
- Before setting the alarm, make sure to set the clock (see “Setting the clock and date”).
 - The factory setting alarm time is “PM 12:00”.
 - To set the radio alarm, first tune in to a station and adjust the volume (see “Operating the radio”).

To set the alarm time

- 1 Set **ALARM MODE** to the desired alarm sound (**RADIO** or **BUZZER**).
The alarm time appears for a few seconds, and then the ALARM indicator lights up in the display. (It does not appear when the switch is set to **OFF**.)
- 2 Slide **ALARM TIME SET +** or **–** to set the desired time.
Each slide of **ALARM TIME SET +** or **–** changes the indication by 1 minute. If you keep sliding **ALARM TIME SET +** or **–**, the alarm time goes forward (or backward) by 1 minute up to 10 minutes, and then by 10 minutes increments. While setting the alarm time, the ALARM indicator flashes in the display.



When the alarm time setting operation is complete, the display returns to the clock after a few seconds and the ALARM indicator changes from flashing to fully lit.

- While **ALARM MODE** is set to **RADIO** or **BUZZER**, the alarm time setting can be changed by **ALARM TIME SET**.
One slide of **ALARM TIME SET** displays the alarm time for about 4 seconds. By adjusting **ALARM TIME SET** while the alarm time appears in the display, the alarm time will be changed.
- The ALARM indicator flashes in the display while:
 - The alarm time appears in the display.
 - The alarm sounds.
 - Snooze function is turned on.
- The alarm time setting cannot be changed if **ALARM MODE** is set to **OFF**. If **ALARM TIME SET** is adjusted, “OFF” appears in the display for about 0.5 seconds.
- **CLOCK** and **DST** are unavailable while the alarm sounds or snooze function is turned on.
- The alarm function works as usual at the beginning and end day of the daylight saving time (summer time). While the Automatic DST/Summer Time adjustment is set (except for Australian model), as a result, if the alarm is set at a time skipped when the daylight saving time (summer time) begins, the alarm is skipped, or if the alarm is set at a time overlapped when the daylight saving time (summer time) ends, the alarm sounds twice.

To doze for a few more minutes
Press **SNOOZE/DATE/SLEEP OFF**.
The sound turns off but will automatically come on again after about 10 minutes. Each time you press **SNOOZE/DATE/SLEEP OFF**, the snooze time changes as follows:

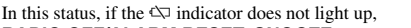
10 → 20 → 30 → 40 → 50 → 60

The maximum length of the snooze time is 60 minutes.
The display shows the snooze time for about 4 seconds and returns to show the current time. When you press **SNOOZE/DATE/SLEEP OFF** after the current time appears, the snooze time starts from 10 minutes again.

To stop the Alarm
Press **RADIO OFF/ALARM RESET** to turn off the alarm.
The alarm will come on again at the same time the next day.
If **RADIO OFF/ALARM RESET** is not pressed, the alarm sounds continuously for about 60 minutes, and then it will be stop automatically.

To deactivate the Alarm
Turn **ALARM MODE** to **OFF**.
ALARM indicator disappears from the display.

Note on alarm in the event of a power interruption
If the alarm set time comes in the event of a power interruption or a power interruption occurs while the alarm is sounding, the display will turn off and the alarm will not sound, and the alarm status will be as follows. If power returns within 60 minutes from the alarm set time, the alarm will sound. If the power interruption occurred while the snooze function was operating, the snooze function will continue. If the snooze time had passed when the power interruption occurred, the alarm will sound after power returns.

In this status, if the  indicator does not light up, **RADIO OFF/ALARM RESET**, **SNOOZE** buttons and **ALARM MODE** functions are available. **SNOOZE** time will be fixed only 10 minutes if the **SNOOZE** button has been pressed.

Setting the sleep timer

You can fall asleep to the radio using the built-in sleep timer that turns off the radio automatically after a preset duration.

Press **SLEEP**.
The radio turns on. You can set the sleep timer to durations of 90, 60, 30, or 15 minutes. Each press changes the display as follows:

OFF → 90 → 60
 └ 15 ← 30 ←

Two short beeps sound when the display returns to “90”.
The radio will play for the duration you set, then shut off.

To turn off the radio before the preset time

Press **RADIO OFF/ALARM RESET** or **SNOOZE/DATE/SLEEP OFF**.

To use both sleep timer and alarm

You can fall asleep to the radio and also be awakened by the radio or buzzer alarm at the preset time.

- 1 Set the alarm. (See “Setting the alarm”).)
- 2 Set the sleep timer. (See “Setting the sleep timer”).)