

# FM/AM Clock Radio

## ICF-C218

### Operating Instructions

## DREAM MACHINE

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<http://www.sony.net/>



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### 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 apparatus 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 misused.

Do not recharge, disassemble or dispose of it in fire.

### Features

- Single alarm FM/AM Clock radio.
- Various types of alarm — radio and timer.
- Automatic timer set — When you plug the clock in for the first time, the correct time will be shown on the display (UK model only).
- Automatic Daylight Saving Time/Summer time adjustment (UK model only).
- DIAL button to adjust Daylight Saving Time/Summer time (for Australian models).
- 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/Australia/Australian models).
- Extensible service — service time can be extended from 10 to 40 minutes in maximum every time you use.

### 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 from the wall, pull it out by the plug, not the cord.
- The unit is not disconnected from the AC power source (unless it is being so) if 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 (e.g., blanket, etc.) or near materials (e.g., curtains) that might block the ventilation holes.
- Should any solid object or liquid fall onto 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, magazines, 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 result from 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. 6.4 cm (2 1/2 inches) dia., 8 Ω

Power output

1.5W rms (at 10% harmonic distortion)

Power requirements

230 V AC, 50-Hz

For power backup: 3 V DC, use CR2032 battery

Dimensions

Approx. 125 × 64.5 × 57.0 mm (width × height × depth) (not projecting parts and controls)

Mass

Approx. 515.2 g (1 lb 3.1 oz) incl. CR2032

battery model for UK

Approx. 499.2 g (1 lb 5.4 oz) incl. CR2032

battery model for Australia

Design and specifications are subject to change without notice.

### Troubleshooting

Should any problems arise with the unit, make the following simple checks in the order written on your 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.

• After the desired radio or buzzer alarm time is 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?

# Sony Dream Machine Clock Radio Icf C218 Manual

**D Keegan**



## **Sony Dream Machine Clock Radio Icf C218 Manual:**

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web this circuit is used to test n mosfets the power kind e g irf830 whether it works or not if it is not working the led will not flash if mosfet is working it will operate in the astable multivibrator circuit causing the led to flash here is the circuit diagram

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web follow the below steps to conduct the diode test 1 for this test set the multimeter in the diode mode 2 for n channel mosfet connect the red probe positive to the source and black one at the drain common the body diode is in forward bias condition this way

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100 w and controlling a load of over 2000 w a matchstick is pictured for scale the metal oxide semiconductor

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