DREAM MACHINE
Dream Machine is a trademark of Sony Corporation.

Operating Instructions

13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged; liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

For the state of california, USA only
Perchlorate Material – special handling may apply, See www.dtsc.ca.gov/hazardouswaste/perchlorate

Features
• Dual alarm FM/AM Clock radios
• 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.
• Automatic Daylight Saving Time/Summer time adjustment
• Date button to display month, day and year.
• Brightness control (High/Middle/Low)
• No Power No Problem™ alarm system to keep the clock and the alarm operating during a power interruption with a CR2032 battery installed
• Extendable snooze — snooze time can be extended from 10 to 60 minutes in maximum every time you use.

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 A (or B) indicator light up?)
The radio alarm is activated but no sound comes on at the preset alarm time.
• Has VOLUME been adjusted?

Precautions
• Operate the unit on the power source specified in “Specifications”.
• To disconnect the power cord (main lead), pull it out by the plug, not the cord.
• Do not leave the unit in a location near a heat source, such as a radiator or air duct, or in a place subject to direct sunlight, excessive dust, mechanical vibration, or shock.
• Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on a surface (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 re-operating it any further.
• To clean the casing, use a soft cloth dampened with a mild detergent solution.
If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.

Specifications

Time display
24-hour System

Frequency range

<table>
<thead>
<tr>
<th>Band</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>FM</td>
<td>87.5 – 108 MHz</td>
</tr>
<tr>
<td>AM</td>
<td>530 – 1710 kHz</td>
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Power output
150 mW (at 10% harmonic distortion)

Power requirements
120 V AC, 60 Hz
For power backup: 3 V DC, one CR2032 battery

Dimensions
Approx. 355 × 229.5 × 45.5 mm (w/h/d) incl. projecting parts and controls
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 AC power cord. The battery keeps the clock and the alarm operating in the event of a power interruption.

Knowing when to replace the battery

When the battery becomes weak, “OL” 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.

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. 3 (c))
2. Insert a new battery in the battery compartment with the side face up. To remove the battery from the battery compartment, pull it out from the side marked PUSH (See Fig. 3 (d))
3. Insert the battery compartment back into the unit and secure it with the screw. (See Fig. 3 (b))
4. When you are replacing the battery, press RADIO ON to turn “OL” indicator off in the display.

Setting the clock for the first time

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

1. Plug in the unit.
   - “month and date” (about 1 second) → “year” (about 1 second) → “current EST/EDT (Eastern Standard/Daylight Time)” appears in the display.

2. Press TIME ZONE.
   - Area number “1” appears in the display. If you live in the Eastern Time zone, you do not need to adjust the area setting.

Area number Time zone
1 Atlantic Standard/Daylight Time
2 Eastern Standard/Daylight Time
3 Central Standard/Daylight Time
4 Mountain Standard/Daylight Time
5 Pacific Standard/Daylight Time
6 Yukon Standard/Daylight Time
7 Hawaiian Standard/Daylight Time

3. Press TIME ZONE repeatedly until the desired number appears.
   - The display returns to the clock about 4 seconds after the operation is complete.

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 display the Automatic Daylight Saving Time (Summer Time) adjustment: The DST indicator in the display appears in the beginning of the daylight saving time (summer time), and disappears at the end of it.
- Daylight saving time begins at 2:00 AM on the second Sunday of March.
- Standard time begins at 2:00 AM on the first Sunday of November.

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 sound and “DST OFF” appears in the display to show that the display of the Automatic DST/Summer Time adjustment is cancelled. The display returns to the clock.

Notes
- The change time 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 sound, and “DST 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

To change the setting manually, follow the procedure from step 1.

1. Press CLOCK for more than 2 seconds.
   - You will hear a beep and the year will start to flash in the display.

2. Press “+” or “-” until the correct year appears in the display.

3. Press CLOCK.

4. Repeat steps 2 and 3 to set the month, day, and time.
   - After setting the time, two short beep sound and the clock display from 0 seconds.
   - Pressing and holding “+” or “-” changes the month, year, or day rapidly.
   - When setting the current time, time changes rapidly by 1 minute increments up to 10 minutes, and then by 1 minute increments.
   - While setting the clock, you must perform each step within 65 seconds, otherwise the clock setting mode will be cancelled.

To display the year and date

Press SNOOZE/DIST/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: 10 is same as when the unit is powered 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

Changing the daylight saving time (summer time) adjustment setting according to the following procedures after 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.

Setting the brightness of the display

Three levels of brightness are available by pressing BRIGHTNESS.

HIGH (default) → MEDIUM → LOW

Playing the radio

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

To turn off the radio

Press RADIO OFF/ALARM RESET.

Improving the reception

FM: The AC power cord functions as an FM antenna. Extend the AC power cord fully to increase reception sensitivity.

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

NOTES ON LITHIUM BATTERY
- Dispose of used battery promptly. 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 a surface, as this may lead to interference of reception.

Battery Warning

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

Setting the alarm

The dual alarm function allows you to set two alarm programs (ALARM A and ALARM B). The alarm time can be set for each program and the alarm sound is selectable from 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 “Playing the radio”).
- When you set the buzzer alarm, set ALARM VOLUME to LOW → HIGH.

To set the alarm time

1. Set ALARM A (or B) to OFF.
2. Press ALARM TIME SET A (or B) repeatedly until the “year” (about 1 second) → “month” (about 1 second) → “day” (about 1 second) → “current time” appears.

- snooze function is turned on.

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 30, 60, 90, or 15 minutes. Each press changes the display as follows:
- OFF → 15 → 30 → 45 → 60

- 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, as a result, if the alarm is set at a time skipped when the daylight saving time (summer time) begins, the alarm in skipped, or if the alarm is set at a time overlapped when the daylight saving time (summer time) ends, the alarm sounds twice.

- If the same alarm time is set for both alarm (ALARM A and B), the ALARM A takes priority.

To doze for a few more minutes

Press SNOOZE/DIST/SLEEP OFF
- The sound turns off but will automatically come on again after about 10 minutes. Each time press SNOOZE/DIST/SLEEP OFF, the snooze time changes as follows:
- 10 → 20 → 30 → 45 → 60

- The maximum length of the snooze time is 60 minutes.
- The display shows the snooze time for about 4 seconds and returns to the current time. When you press SNOOZE/DIST/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 the power returns while the alarm sounds, the alarm sounds continuously for about 60 minutes when the power returns.

- The alarm buzzer for about one minute, stops temporarily, and will buzz again after about 5 minutes of silence. If you press SNOOZE/DIST/SLEEP OFF or RADIO OFF/ALARM RESET then it will be stop automatically.

To deactivate the Alarm

Press ALARM A (or B) to OFF.

- A (or B) indicator disappears from the display.

Note on alarm in the event of a power interruption

In the event of a power interruption, alarm functions work until the battery is empty. But following functions are different:
- Display will disappear.
- When the alarm sound is set to RADIO, it will change to BUZZER automatically.
- If the power returns while the alarm sounds, the alarm sound continuously in the case of a power interruption. The alarm will buzz for 30 minutes after power is resumed from 60 minutes from the alarm time.

If you press SNOOZE/DIST/SLEEP OFF while the alarm sounds, snooze time is set to 10 minutes. During a power failure, snooze time cannot be set to more than 10 minutes.

- If “OL” indicator appears in the display, the alarm will not work in the event of power interruption.

Replace the battery if “OL” indicator appears.

Setting the sleep timer

You can fall asleep to the radio by 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 → 30 → 15 → 30

- The sound turns off but will automatically come on again after about 30 minutes.

To turn off the radio before the preset time

Press RADIO OFF/ALARM RESET or SNOOZE/DIST/SLEEP OFF.

To use both sleep timer and alarm

You can use the radio and both sleep timer and alarm.

1. Set the alarm. (See “Setting the alarm”)

2. Set the sleep time. (See “Setting the sleep timer”)