

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.
Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.
To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.

Before You Begin

Thank you for choosing the Sony Dream Machine. The Dream Machine will give you many hours of reliable service and listening pleasure.
Before operating your unit, please read these instructions thoroughly and retain them for future reference.

Features

- Radio-Controlled Clock Auto Adjust System.
- Radio and buzzer dual alarms.
- 5 random station presets for easy one button tuning.
- LCD with backlight, and brightness adjustment for the backlight.
- Alarm setting dial—easy to set alarm time and modes.
- Date button to display the year, month and day.
- Extendable snooze—snooze time can be extended from 8 to 60 minutes in maximum every time you use.

Setting the Clock and Date

When the unit is plugged in, "00:00," "Sa," and "u" will flash in the display.

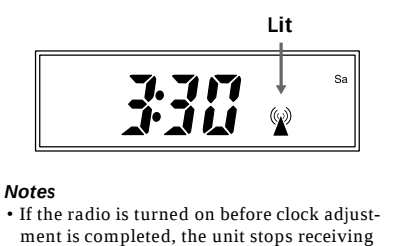
Note
When unable to see the display, set **BRIGHTNESS** for the display to **H** (high) or **L** (low) according to your preference.

To Set the Clock and Date Automatically

This radio is equipped with a radio-controlled clock-auto-adjust system.
The clock-auto-adjust receives standard time data (year, month, day, hour, minute, second, and D.S.T.) on a prescribed frequency, and uses that to automatically reset the clock.

- Set the alarm setting dial to **ALARM MODE OFF** and then plug in the unit. The Clock Auto Adjust function activates automatically. "u" will flash in the display. It takes about three minutes from the moment that reception starts until the displayed time is correct even if the reception is good.

- When clock adjustment is completed, the clock will start to operate. "u" will stop flashing and remain in the display.



- Notes**
- If the radio is turned on before clock adjustment is completed, the unit stops receiving time signals.
 - If the alarm setting dial is set to **ALARM TIME SET A** or **B** before clock adjustment is completed, the unit stops receiving time signals.
 - If the alarm setting dial is set to a position other than **ALARM TIME SET A** or **B** while the radio is turned off, the unit starts to receive time signals again.
 - If **CLOCK AUTO ADJUST** is pressed before clock adjustment is completed, the unit stops receiving time signals.

Unable to set the Clock Automatically
Press **CLOCK** until you hear one beep and press **CLOCK +** or **-** to set the correct time and date. (See "To Set the Clock and Date Manually.")

To Initiate Clock Auto Adjust manually

Pressing **CLOCK AUTO ADJUST** allows you to receive time signals.
"u" will flash in the display. When the Clock Auto Adjust process is completed, the clock will be corrected, if needed, and "u" will stop flashing and remain lit in the display.
If the radio fails to receive time signals for about 12 minutes, the clock will remain unadjusted, and "u" will disappear from the display.

- Notes**
- When the alarm setting dial is set to **ALARM TIME SET A** or **B** or the radio is being operated, the unit cannot receive time signals.
 - If the radio is turned on while the Clock Auto Adjust system is activated, the unit stops receiving time signals.
 - If the alarm setting dial is set to **ALARM TIME SET A** or **B**, the unit stops receiving time signals.

To check reception
The display shows reception conditions when time signals are being received (when the power cord is inserted in a wall socket, or **CLOCK AUTO ADJUST** is pressed).



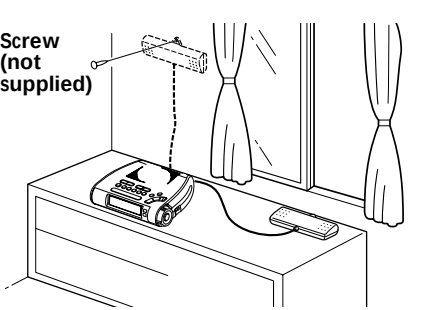
Display	Reception
Changes regularly between "a" and "B" at one second intervals	Good
"a" or "B" stays on, or intervals between changes are irregular	Defective

To improve reception

Reception is governed in large part by where the radio-controlled clock antenna is set up and which direction it is pointed in.

Location of radio-controlled clock antenna setup:
If the installation is within a building made of reinforced concrete, reception will be weaker the farther the antenna is from a window. To improve reception, place the antenna as close as possible to the window.

Direction the antenna faces:
Reception changes depending on the direction the antenna is facing. Look at the display window to check reception, and turn the antenna so that it faces in the direction where reception is most stable.
Reception may be poor when the antenna is placed on a metal surface such as that of a steel desk.



- Notes**
- Reception may be impossible in these locations:
 - Close to television sets, personal computers, refrigerators or similar electrical appliances and equipment.
 - Close to high voltage wires or overhead power lines.
 - Locations where there could be interference with electrical signals such as construction sites, airports or any other place where there is a large volume of traffic.

Location of transmitting source
Time signals are transmitted from the following location:

Mainflingen, Germany
50° 01' N, 09° 00' E

The strength of time signals changes according to time of reception (you will get better reception in the nighttime). If the clock is not set or corrected automatically after you change the location or direction of the radio-controlled clock antenna, wait a while and see if you get better reception at a later time.

Automatic updating of time data
The Dream Machine is equipped with the Clock Auto Adjust system that automatically receives time signals during the nighttime, the time when reception is best. The system makes nine corrections every hour from 8 p.m. to 4 a.m. During automatic operation, "u" does not flash on and off. If the Clock Auto Adjust system is unable to receive the time signals for 24 hours, "u" goes off. For improved reception, press **CLOCK AUTO ADJUST** to initiate Clock Auto Adjust manually and change the position or direction of the radio-controlled clock antenna.

- Notes**
- The Clock Auto Adjust system will not work when the radio is operated. If the radio is operated while the clock auto-adjust is running, the auto-adjust will be cancelled.
 - Automatic updating cannot be manually cancelled.

On daylight Saving Time adjustment
The Clock Auto Adjust system automatically switches the clock indication to Daylight Saving Time (summer time), and back, at the necessary time of the year.
"2:" will be displayed when the clock is in Daylight Saving Time.

Note
According to reception conditions, the actual adjustment to or from Daylight Saving Time by the Clock Auto Adjust system may be done later than the exact moment of transition in the yearly calendar.

To Set the Clock and Date Manually

- Set the alarm setting dial to **ALARM MODE OFF**.
- Plug in the clock radio. The display will flash "00:00".
- Press **CLOCK** for a few seconds. You will hear a beep and the year will start to flash in the display.
- Press **CLOCK +** or **-** until the correct year appears in the display.
- Press **CLOCK** once.
- Repeat steps 4 and 5 to set the month, day, hour, and minute.

After setting the minute, press **CLOCK** to start the counting of the seconds, and you will hear two short beeps.

When the alarm setting dial is set to **ALARM TIME SET A** or **B**, the clock cannot be set.

Note

The clock is set to automatically receive time signals and will continue to do so even if it is manually reset.

To display the year and date
Press **SNOOZE/DATE/SLEEP OFF** once for the date, and within 2 seconds press it again for the year.
The display shows the date or year for a few seconds and then changes back to the current time.

To set the brightness of the backlight
Set **BRIGHTNESS** for the display to **H** (high) or **L** (low) according to your preference.

Operating the Radio Manual Tuning

- Press **RADIO ON** to turn on the radio. The display shows the band and frequency for a few seconds and then changes back to the current time.
- Press **BAND** repeatedly to select the desired band.
- Use **TUNING +** or **-** to tune in to the desired station. The FM channel step is set to 0.05 MHz* and the AM (MW)/LW channel step is set to 9 kHz.

*The FM frequency display is raised or lowered by a step of 0.1 MHz. For example, frequency 88.00 and 88.05 MHz is displayed as "88.0 MHz."

Two short beeps sound when the minimum frequency of each band is received during tuning.

4 Adjust volume using VOL.

- To turn off the radio, press **RADIO OFF**.
- To improve reception
FM: Extend the FM wire antenna fully to increase reception sensitivity.
- AM(MW)/LW:** Rotate the unit horizontally for optimum reception. A ferrite bar 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.

- To check the station being received, press **TUNING +** or **-** lightly. The display shows the band and frequency for a few seconds and then changes back to the current time.
- If the radio alarm comes on while the radio is on, the unit switches to the station on **WAKE UP STATION** (preset 1 button).

Preset Tuning

You can preset up to five stations for one-touch tuning; one for each of the preset buttons 1 to 5.

- Presetting a station**
Example: To preset AM 1 260 kHz onto preset 2 button.
- Press **RADIO ON** to turn on the radio.
 - Tune in to the station you want to preset. (See "Manual Tuning.")
 - Hold down the desired **STATION-SELECT/PRESET** button (in this case, 2) until you hear two short beeps.



The display shows the frequency for a few seconds and then changes back to the current time.

For the radio alarm, the preset to be used as the alarm preset is preset 1 button.

To change a preset station
Tune in manually to the station you want to store and hold down the preset button until you hear two short beeps. The previously stored station will be replaced by the new one.

- Tuning in to a preset station**
- Press **RADIO ON** to turn on the radio.
 - Press **STATION-SELECT/PRESET** where the desired station is stored.
 - Adjust volume using **VOL**. After a few seconds, the display will return to the current time but the preset button number will remain.

Setting the Alarm

You can choose from two types of alarm, Radio (A) or Buzzer (B).
The alarm will come on at the same time everyday.
The factory setting alarm time for the radio (A) and buzzer (B) is 0:00.

- Notes**
- Set the current time before setting the alarm.
 - Radio reception is interrupted while the alarm time is being set.

To Use the Radio (A) Alarm

You can use the station preset onto the "Preset 1 Button" (**WAKE UP STATION**) as the alarm (see "Preset Tuning").
Preset a station onto preset 1 button.

- Set the alarm setting dial to **ALARM TIME SET A**. After one beep, indicator [A] flashes.
- Press **CLOCK +** or **-** to select the desired time. When **CLOCK +** or **-** is held down, the displayed time initially changes in one-minute steps, then after a few seconds switches to ten-minute steps.
- Set the alarm setting dial to **ALARM MODE RADIO A**. Indicator [A] lights up.

When the alarm comes on at the preset time, indicator [A] flashes and the radio station that is preset with the preset 1 button comes on. The unit switches off automatically after about 60 minutes.

To Use the Buzzer (B) Alarm

- Set the alarm setting dial to **ALARM TIME SET B**. After one beep, indicator [B] flashes.
- Press **CLOCK +** or **-** to select the desired time. When **CLOCK +** or **-** is held down, the displayed time initially changes in one-minute steps, then after a few seconds switches to ten-minute steps.
- Set the alarm setting dial to **ALARM MODE BUZZER B**. Indicator [B] lights up.

When the alarm comes on at the preset time, indicator [B] flashes and the beep sounds. The beeping becomes more rapid after every few seconds in five progressive stages. The unit switches off automatically after about 60 minutes.

To Use the Radio (A) and Buzzer (B) Alarm

- Set both alarm times for **ALARM TIME SET A/B**. (see above.)
- Set the alarm setting dial to **ALARM MODE A+B**. Indicators [A] and [B] light up.

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

To Check the Alarm Time

Press **ALARM TIME CHECK**. The display shows the alarm time for a few seconds and then returns to show the current time. When the alarm setting dial is set to either **ALARM MODE OFF** or **A + B**, the alarm time in **RADIO A** and then **BUZZER B** appears in the display.

To Doze for a Few More Minutes

Press **SNOOZE/DATE/SLEEP OFF**. The radio or buzzer turns off but will automatically come on again after 8 minutes. Every time you press **SNOOZE/DATE/SLEEP OFF**, the snooze time changes as follows:

8 → 16 → 24 → 32
→ 40 → 48 → 56 → 60

The display shows the snooze time for a few seconds and returns to show the current time. When you press **SNOOZE/DATE/SLEEP OFF** after the current time appeared, the snooze time starts from 8 minutes again.

- The maximum length of the snooze time is 60 minutes.

To Stop the Alarm

Press **ALARM RESET** to turn off the alarm.
The alarm will come on again at the same time the next day.

To Deactivate the Alarm

Set the alarm setting dial to **ALARM MODE OFF**.

Setting the Sleep Timer

You can enjoy falling 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. Every push changes the display as follows:

On → 90 → 60
15 → 30 → 0

Two short beeps sound when the display returns to "On".
"SLEEP" will appear in the display when the duration time is set.
The radio will play for the time you set, then shut off.

- To turn off the radio before the preset time, press **SNOOZE/DATE/SLEEP OFF**.

To Use Both Sleep Timer and Alarm

- Set the alarm. (See "Setting the Alarm".)
- Set the sleep timer. (See "Setting the Sleep Timer".)

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.

Unable to receive time signals

- Inappropriate location for setting up antenna. Try moving the antenna to a different location. If reception is still bad, wait for awhile because reception may improve at a later time. See "To improve reception."

The clock does not show the correct time.

- Has an electrical power outage lasting more than 1 minute occurred?

The radio or buzzer alarm does not sound at the preset alarm time.

- Has the desired radio or buzzer alarm been activated? (i.e. Is the indicator [A] or [B] lit?)

The radio alarm is activated but no sound comes on at the preset alarm time.

- Has the desired radio or buzzer alarm been activated? (i.e. Is the indicator [A] or [B] lit?)
- Has **VOL** been adjusted?

No sound comes from the speakers.

- Has the alarm setting dial been remained setting to **ALARM TIME SET**?

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.
- Do not leave the unit in a location near a heat source such as a radiator or airduct, 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 (a rug, a blanket, etc.) or near materials (a curtain) which 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.

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

Specifications

Time display		
24-hour system		
Frequency range		
Band	Frequency	Channel step
FM	87.5-108 MHz	0.05 MHz
AM(MW)	531-1 602 kHz	9 kHz
LW	153- 279 kHz	9 kHz
Speaker		
Approx. 6.6 cm (2 1/2 in.) dia., 8 Ω		
Power output		
200 mW (at 10 % harmonic distortion)		
Power requirements		
220-230 V AC, 50 Hz		
Dimensions		
Approx. 180.5 × 55 × 140 mm (w/h/d) (7 1/8 × 2 1/8 × 5 1/2 in.) incl. projecting parts and controls		
Mass		
Approx. 730 g (1 lb. 10 oz.)		
Design and specifications are subject to change without notice.		

AVERTISSEMENT

Pour éviter tout risque d'incendie ou d'électrocution, n'exposez pas l'appareil à la pluie ni à l'humidité.

Afin d'éviter tout risque d'électrocution, n'ouvrez pas le coffret. Confiez les réparations exclusivement à un technicien qualifié. N'installez pas l'appareil dans un espace restreint, comme une bibliothèque ou un meuble encastré.

Pour éviter des risques d'incendie ou d'électrocution, ne posez pas de récipients remplis d'eau (p. ex. un vase) sur l'appareil.

Avant la mise en service

Nous vous remercions d'avoir choisi ce radio-réveil Dream Machine Sony. Il vous procurera de nombreuses heures de fonctionnement fiable et de plaisir d'écoute.
Avant d'utiliser le radio-réveil, lisez attentivement tout ce mode d'emploi et conservez-le pour pouvoir vous y reporter ultérieurement.

Caractéristiques

- Système d'autorégage d'horloge contrôlé par la radio.
- Double alarme radio et sonnerie.
- 5 présélections aléatoires de stations pour un accord rapide par une seule touche.
- Ecran LCD à rétroéclairage et réglage d'intensité lumineuse du rétroéclairage.
- Molette de réglage de l'alarme - heure et mode de l'alarme faciles à régler.
- Touche de date pour l'indication de l'année, du mois et du jour.
- Alarme répétée extensible - le temps peut être prolongé de 8 à 60 minutes au maximum à chaque emploi.

Réglage de l'heure et de la date

Lorsque l'appareil est branché, "0:00", "Sa" et "u" clignotent sur l'afficheur.

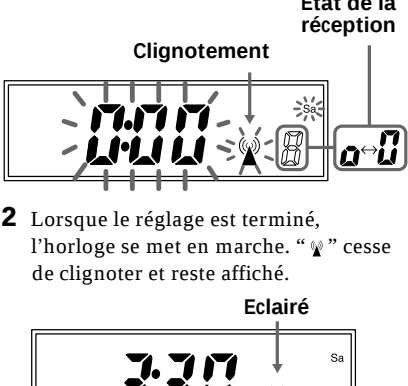
Remarque
Si l'affichage n'est pas bien visible, réglez **BRIGHTNESS** sur **H** (élevé) ou **L** (faible) selon vos préférences.

Réglage automatique de l'heure et de la date

Cette radio présente un système d'autorégage de l'heure par la radio.
Ce système reçoit les données standard de la date et de l'heure (année, mois, jour, heures, minutes, secondes et heure d'été) sur une fréquence précise et l'utilise pour régler l'horloge.

- Mettez la molette de réglage de l'alarme sur **ALARM MODE OFF** puis branchez l'appareil.

Le système d'autorégage de l'horloge s'active automatiquement. "u" clignote sur l'afficheur. Il faut environ trois minutes à partir du moment où la réception commence pour que l'heure correcte soit affichée même lorsque la réception est bonne.



- Lorsque le réglage est terminé, l'horloge se met en marche. "u" cesse de clignoter et reste affiché.

Remarques

- Si la radio est allumée avant que le réglage de l'horloge soit terminé, l'appareil ne recevra plus les signaux horaires.
- Si la molette de réglage de l'alarme est mise sur **ALARM TIME SET A** ou **B** avant que le réglage de l'horloge soit terminé, l'appareil ne recevra plus les signaux.
- Si la molette de réglage de l'alarme est mise sur une autre position que **ALARM TIME SET A** ou **B** alors que la radio est éteinte, l'appareil se remettra à recevoir les signaux.
- Si vous appuyez sur **CLOCK AUTO ADJUST** avant que le réglage de l'horloge soit terminé, l'appareil cessera de recevoir les signaux horaires.

Autorégage de l'horloge impossible
Appuyez sur **CLOCK** jusqu'à ce que vous entendiez un bip puis appuyez sur **+** ou **-** pour régler l'heure et la date. (Voir "Réglage manuel de l'heure et de la date".)

Pour initialiser manuellement l'autorégage de l'horloge
Le bouton **CLOCK AUTO ADJUST** est utilisé pour la réception des signaux horaires. "u" clignote sur l'afficheur. Lorsque l'autorégage est terminé, les données de l'horloge sont corrigées si nécessaire et "u" cesse de clignoter et reste affiché. Si la radio ne parvient pas à recevoir les signaux horaires pendant 12 minutes, l'horloge ne sera ajustée et "u" s'éteindra.

- Remarques**
- Si la molette de réglage de l'alarme est sur **ALARM TIME SET A** ou **B** ou si la radio fonctionne, l'appareil ne pourra pas recevoir les signaux.
 - Si vous allumez la radio lorsque le système d'autorégage de l'horloge s'active, l'appareil ne recevra pas les signaux.
 - Si la molette de réglage de l'alarme est mise sur **ALARM TIME SET A** ou **B**, l'appareil ne recevra plus les signaux.

Pour vérifier la réception
L'affichage montre l'état de la réception des signaux horaires (si le cordon d'alimentation est branché sur une prise secteur, ou **CLOCK AUTO ADJUST** est pressé).

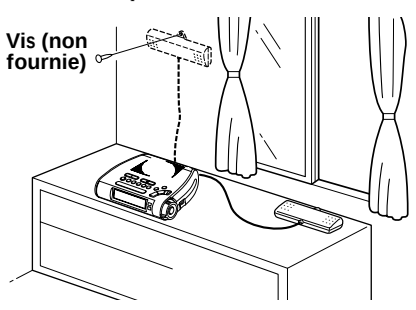


Affichage	Réception
Changements réguliers entre "a" et "B" à une seconde d'intervalle.	Bonne
"a" ou "B" reste allumé ou les intervalles de changement sont irréguliers.	Mauvaise

Pour améliorer la réception
La réception dépend en grande partie de la position et de la direction de l'antenne de l'horloge.

Emplacement de l'antenne de l'horloge:
Si l'appareil se trouve dans un bâtiment en béton armé, la réception sera plus faible si l'antenne est loin d'une fenêtre. Pour l'améliorer, installez l'antenne le plus près possible de la fenêtre.

Direction de l'antenne:
La réception change selon la direction de l'antenne. Regardez l'afficheur pour voir comment est la réception et tournez l'antenne dans la direction où la réception est la plus stable.
La réception risque d'être faible si l'antenne est posée sur une surface métallique, comme un bureau métallique.



Remarques

- La réception peut être impossible aux endroits suivants: (Voir "Accord manuel").
 - A proximité d'un téléviseur, ordinateur, réfrigérateur ou autre appareil électrique.
 - A proximité de fils de haute tension ou de lignes électriques.
 - Endroits exposés aux interférences de signaux électriques, comme un chantier de construction, un aéroport ou autre endroit à trafic intense.

Emplacement de la source émettrice
Les signaux horaires sont transmis par un émetteur situé à:

Mainflingen, Allemagne
50° 01' N, 09° 00' E

La puissance des signaux horaires change selon l'heure de réception (la réception est meilleure la nuit). Si l'horloge n'est toujours pas réglée correctement après un changement de l'emplacement ou de la direction de l'antenne de l'horloge, attendez un instant et vérifiez si la réception n'est pas meilleure la nuit.

Mise à jour automatique des données horaires

La Dream Machine présente un système d'autorégage de l'horloge qui reçoit automatiquement des signaux durant la nuit, lorsque la réception est la meilleure. Le système effectue neuf corrections chaque heure de 8 du soir à 4 du matin. Pendant son fonctionnement, "u" ne clignote pas. Si le système d'autorégage n'est pas capable de recevoir des signaux horaires pendant 24 heures, "u" s'éteindra. Pour améliorer la réception, appuyez sur **CLOCK AUTO ADJUST** pour initialiser manuellement l'autorégage et changer la position ou la direction de l'antenne.

- Remarques**
- Le système d'autorégage de l'horloge ne fonctionne pas lorsque la radio est en marche. Si vous allumez la radio pendant que le système d'autorégage fonctionne, celui-ci sera désactivé.
 - La mise à jour automatique des données ne peut pas être effectuée manuellement.

Réglage de l'heure d'été
Le système d'autorégage règle automatiquement l'horloge à l'heure d'été et à l'heure d'hiver lorsque les heures changent.
"2:" s'affiche lorsque l'horloge se règle sur l'heure d'été.

Remarque
Selon l'état de la réception, le réglage actuel de l'horloge à l'heure d'été et à l'heure d'hiver peut s'effectuer un peu après le moment exact où l'heure change d'après le calendrier.

Réglage manuel de l'heure et de la date

- Mettez la molette de réglage de l'alarme sur **ALARM MODE OFF**.
- Branchez la radio-réveil sur le secteur. "0:00" clignote sur l'afficheur.
- Appuyez sur **CLOCK** pendant quelques secondes. Vous entendez un bip et l'année se met à clignoter sur l

