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

As the main plug is used to disconnect the unit from the mains, connect the unit to an easily accessible AC outlet. Should you notice an abnormality in the unit, disconnect the main plug from the AC outlet immediately.

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.

The nameplate and important information concerning safety are located on the bottom exterior of the apparatus.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

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

Important Safety Instructions
1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

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 be required. See www.dtsc.ca.gov/hazardouswaste/perchlorate

Perchlorate Material - special handling may be required. See www.dtsc.ca.gov/hazardouswaste/perchlorate

Precautions
• Operate the unit on the power source specified in “Specifications.”
• 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 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 (a rug, blanket, etc.) or near materials (a curtain) that might block the ventilation holes.

NOTES ON LITHIUM BATTERY
• 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.

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

General information
Troubleshooting
Should any problems persist after you have made the following checks, consult your nearest Sony dealer.

The clock flashes “AM 12:00” after a power interruption. 
• The battery is discharged. Remove the old battery and insert a new one.

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

About the battery as a backup power source
This unit contains a CR2032 battery as a backup power source to keep the clock operating during a power interruption.

When to replace the battery
When the battery is discharged, “VOL” appears on the display.

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

The radio or buzzer alarm does not sound at the preset alarm time.
• Check that “AM” appears on the display.

The radio alarm is activated but no sound is emitted at the preset alarm time.
• Adjust the volume using VOLUME +/-.

When daylight saving time (summer time) begins, the clock does not switch to daylight saving time (summer time) automatically.
• Make sure the clock is set correctly.

When “AM 12:00” flashes on the display after pressing and holding DST for more than 3 seconds, the Automatic DST/summer time function becomes active.

Replacing the backup battery
1) Keep the AC plug connected to the wall outlet and remove the battery compartment on the bottom of the unit by pulling it up while sliding the tab. (See Fig. 1-1.)

2) Insert a new battery into 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. 1-2.)

3) Insert the battery compartment back into the unit along the groove and push it from above until it clicks. (See Fig. 1-3.)

4) Press RADIO to remove “VOL” from the display.

Notes
• When you replace the battery, do not disconnect the AC plug from the wall outlet. Otherwise, the current date, current time and alarm will be erased.

• If the unit will be left unplugged for a long time, remove the battery to avoid any damage that may be caused by leakage or corrosion.

Specifications
Time display
12-hour system

Frequency range
Band Frequency
FM 87.5 MHz – 108 MHz
AM 530 kHz – 1710 kHz

Speaker
Approx. 6.6 cm (2 1/4 inches) dia., 8 Ω

Power output
100 mW (at 10% harmonic distortion)

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

Dimensions
Approx. 101 mm × 102 mm × 31 mm (w/h/d) (4 inches × 4 inches × 1 1/4 inches) including projecting parts and controls

Mass
Approx. 480 g (1 lb 1 oz) including CR2032 battery

Design and specifications are subject to change without notice.
Getting Started

Operations

Setting the clock manually
To change the clock setting manually, operate the unit as follows.

1. Press and hold ENTER/TIME SET for more than 2 seconds. You will hear a beep and the last two digits of the year will start to flash on the display.
2. Press + or – repeatedly to select the year, and then press ENTER/TIME SET.
3. Repeat step 2 to set the month, day, and time. After setting the time, two short beeps will sound and the seconds will start incrementing from zero.

Note
- If you do not press any button for about 1 minute while setting the clock, setting mode will be canceled.

When daylight saving time (summer time) begins/ends while Automatic DST/summer time adjustment is set to off

Change the clock setting manually if you have canceled the Automatic DST/summer time adjustment.

Playing the radio

1. Press RADIO to turn on the radio.
2. Set BAND to the desired band (AM or FM).
3. Tune to the desired station using TUNING.
4. Adjust the volume using VOLUME +/–.

Setting the alarm

The alarm sound can be selected from RADIO (radio) or BUZZ (buzz).

Before setting the alarm
- Make sure to set the clock. (See “Setting the clock manually.”)
- Set the radio alarm, first tune to a station and adjust the volume. (See “Playing the radio.”)

To set the alarm

1. Set ALARM MODE to the desired alarm sound (RADIO or BUZZ).
2. Press SET ALARM TIME + or – repeatedly to set the desired time while the alarm time appears on the display.

To cancel Automatic DST/summer time adjustment

The Automatic DST/summer time adjustment can be canceled.

Press and hold DST for more than 3 seconds while the clock is displayed.

A beep sounds, and “Auto → Off” appears on the display to show that Automatic DST/summer time adjustment has been canceled. The clock display returns.

To reactivate Automatic DST/summer time adjustment

Press and hold DST for more than 3 seconds. A beep sounds, and “Auto → On” appears on the display to show that Automatic DST/summer time adjustment has been activated. The clock display returns.

Setting the sleep timer

You can fall asleep to the radio using the sleep timer, which turns off the radio automatically after a preset duration.

Press SLEEP.

The radio turns on. Each time you press SLEEP, the duration (in minutes) changes as follows:

To turn off the radio before the preset time

Press ALARM RESET/OFF.

To use both the 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.

Set the alarm, then set the sleep timer.

Note
- When the alarm is set to sound during the sleep timer duration, the sleep timer will be deactivated automatically when the alarm sounds.

Setting the brightness of the display

Three levels of brightness are available.

Press SNOOZE/BRIGHTNESS.

Each time you press SNOOZE/BRIGHTNESS, the brightness of the display changes as follows:

- High (default) → Middle → Low

Note
- When the alarm is sounding or the snooze function is active, the brightness of the display cannot be changed.

About Automatic DST/summer time adjustment

This unit automatically adjusts for daylight saving time (summer time). “DST” automatically appears on the display at the beginning of daylight saving time (summer time), and disappears at the end of daylight saving time (summer time).

- Daylight saving time (summer 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.

Notes
- The implementation of DST/summer time and its beginning/ending date and time are subject to circumstances and laws in each country/region. Should this interfere with the desired adjustment, cancel the Automatic DST/summer time adjustment and set the clock manually as necessary. Customers living in a country/region that does not use daylight saving time (summer time) should cancel the Automatic DST/summer time adjustment before using the unit.
- When Hawaiian Standard Time is set, the default Automatic DST/summer time adjustment setting is off.

Connecting to an AC power source

Connect the AC power cord to a wall outlet.

To wall outlet

The current EST (Eastern Standard Time) appears on the display. (This unit is preset to the current date and time at the factory, and is powered by the back-up battery.)

Setting the clock for the first time

All you need to do to set the clock for the first time is select your time zone.

If you live in the Eastern Standard Time zone, you do not need to adjust the area setting.

1. Press TIME ZONE.
2. Press TIME ZONE repeatedly to select a number as follows:

<table>
<thead>
<tr>
<th>Area number</th>
<th>Time zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Newfoundland Standard Time</td>
</tr>
<tr>
<td>1</td>
<td>Atlantic Standard Time</td>
</tr>
<tr>
<td>2</td>
<td>Eastern Standard Time (default)</td>
</tr>
<tr>
<td>3</td>
<td>Central Standard Time</td>
</tr>
<tr>
<td>4</td>
<td>Mountain Standard Time</td>
</tr>
<tr>
<td>5</td>
<td>Pacific Standard Time</td>
</tr>
<tr>
<td>6</td>
<td>Alaska Standard Time</td>
</tr>
<tr>
<td>7</td>
<td>Hawaii Standard Time</td>
</tr>
</tbody>
</table>

The clock display switches to the current time of selected time zone in about 4 seconds.

Note
- During shipment and your first use, a clock error may occur. In this case, refer to “Setting the clock manually” to set the correct time.