

SONY

4-528-478-71(1)

## FM/AM Clock Radio

Operating Instructions



http://www.sony.net/

©2014 Sony Corporation Printed in China

ICF-C1PJ



Before operating the unit, please read this guide thoroughly and retain it for future reference.

### WARNING

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.

To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus.

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

Do not expose batteries or apparatus with battery-installed to excessive heat such as sunshine, fire or the like.

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.

### CAUTION

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

### WARNING

- Battery may explode if handled incorrectly. Do not recharge, disassemble or dispose of in fire.
- Dispose of used battery promptly and in accordance with local environmental laws and guidelines. Keep away from children.

## General information

### About the battery as a backup power source

This unit contains a CR2032 battery as a backup power source to keep the clock and the alarm operating during a power interruption. (No Power No Problem system)

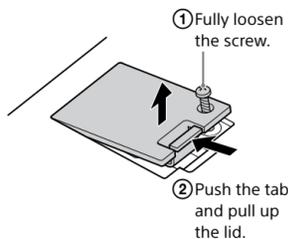


### When to replace the battery

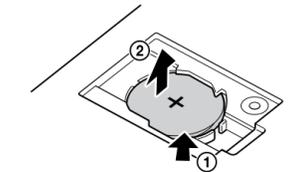
When the battery is discharged, “” appears on the display. If a power interruption occurs while the battery is discharged, the current time and alarm will be erased.

### Replacing the backup battery

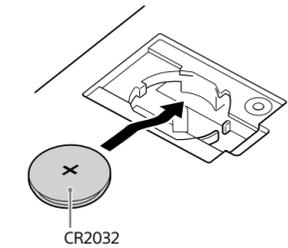
- Keep the AC plug connected to the wall outlet, then open the battery compartment on the bottom of the unit.



- Remove the old battery by sliding it out and picking it up.



- Insert a new battery into the battery compartment with the side facing up.



- Replace the battery compartment lid and tighten the screw.
- Press **AM/FM/NATURE SOUND** to remove “” from the display.

#### Notes

- When you replace the battery, do not disconnect the AC plug from the wall outlet. Otherwise, the current date and time, alarm, and station presets will be erased.
- If the clock is erased while you are replacing the battery, set the clock again. (See “Setting the clock”)
- 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.

## Troubleshooting

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

#### The clock flashes “0:00” or “AM 12:00” after a power interruption.

- The battery is discharged. Remove the old battery and insert a new one.

#### Unsatisfactory reception

- Extend the FM wire antenna fully to increase reception sensitivity.
- Connect the supplied AM loop antenna to the unit. Rotate the antenna horizontally for optimum reception.
- Do not place the AM loop antenna near the unit or other AV equipment, as noise may result.
- Keep digital music players or mobile phones away from the AM loop antenna or the FM antenna, as this may lead to reception interference.

#### The alarm does not sound at the preset alarm time.

- Check that “A” or “B” appears on the display.

#### The radio or Nature Sound alarm is activated but no sound is emitted at the preset alarm time.

- Check the alarm volume setting.

## Specifications

#### Time display

Switch between the 12-hour system (default) and the 24-hour system.

#### Frequency range

Band	Frequency	Channel step
FM	87.5 MHz – 108 MHz	0.05 MHz
AM	531 kHz – 1,602 kHz	9 kHz

#### Speaker

Approx. 4.0 cm dia., 8 Ω  
Power output: 700 mW (at 10% harmonic distortion)

#### Power requirements

230 V AC, 50 Hz  
For clock back up: 3 V DC, one CR2032 battery

#### USB power output

USB port (DC OUT 5 V 1.5 A)

#### Nature Sounds

Sea Waves, Birds, Rain, Brook, Under the Sea

#### Dimensions

Approx. 114.5 mm × 104 mm × 100.5 mm (w/h/d) including projecting parts and controls

#### Mass

Approx. 613 g including CR2032 battery

#### Supplied accessories

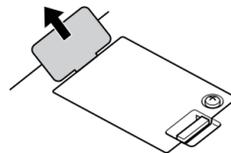
AM loop antenna (1)

Design and specifications are subject to change without notice.

## Getting Started

### Removing the insulation film

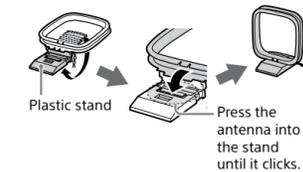
When using the unit for the first time after purchase, remove the insulation film from the battery compartment on the bottom of the unit.



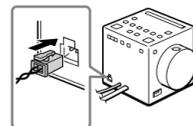
### Connecting the AM loop antenna

The shape and the length of the antenna is designed to receive AM signals. Do not dismantle or roll up the antenna.

- Raise the plastic stand and fit the antenna into the slot of the stand.

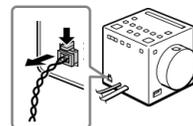


- Insert the AM antenna connector into the **AM ANTENNA** jack on the unit.



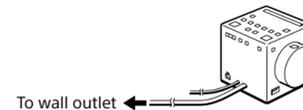
### To remove the AM loop antenna

Push and hold down the tab of the antenna terminal clamp, and remove the AM loop antenna.



### Connecting to an AC power source

Connect the AC power cord to a wall outlet.



## Setting the clock

- Press and hold **SET TIME/DATE** for more than 2 seconds. The year will start to flash on the display.
- Press **VOL/SET +** or **-** repeatedly to select the year, and then press **SNOOZE/BRIGHTNESS/ENTER**.
- Repeat step 2 to set the month, day and time. After setting the time, a beep will sound.

#### Notes

- If you do not press any button for about 1 minute while setting the clock, clock setting mode will be canceled.
- A 100-year calendar (2013 - 2112) is installed in the system.

### To change the time format

You can choose between the 12-hour system (default) or the 24-hour system to display the time.

Press and hold **ALARM RESET/OFF** and **SNOOZE/BRIGHTNESS/ENTER** for about 3 seconds.

The time format toggles between the 12-hour system (“AM 12:00” = midnight) and the 24-hour system (“0:00” = midnight).

### To display the date and year

Press **SET TIME/DATE** once to display the day and month, and press again to display the year. To return to the current time display, press **SET TIME/DATE** once again; or after a few seconds the clock display will return automatically.

### To change the display to indicate daylight saving time (summer time)

Change the daylight saving time (summer time) adjustment setting according to the following procedure.

Press and hold **DST** for more than 2 seconds.

“DST” appears on the display and the clock display switches to daylight saving time (summer time).

To deactivate the daylight saving time (summer time) adjustment, press and hold **DST** for more than 2 seconds again.

#### Note

- After activating the daylight saving time (summer time) adjustment using DST, the clock is set one hour ahead. If you live in a region where the time difference between the daylight saving time (summer time) and the standard time is not one hour, change the clock setting manually to the daylight saving time (summer time).

## Operations

### Using the projector

The projector function allows you to display the clock and the currently used alarm icons on a nearby wall or ceiling at a range of 0.5 m – 4 m.



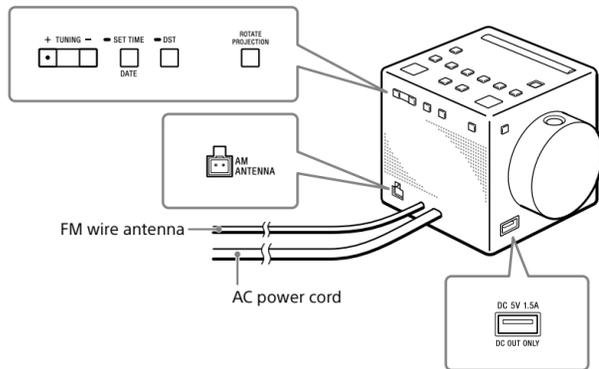
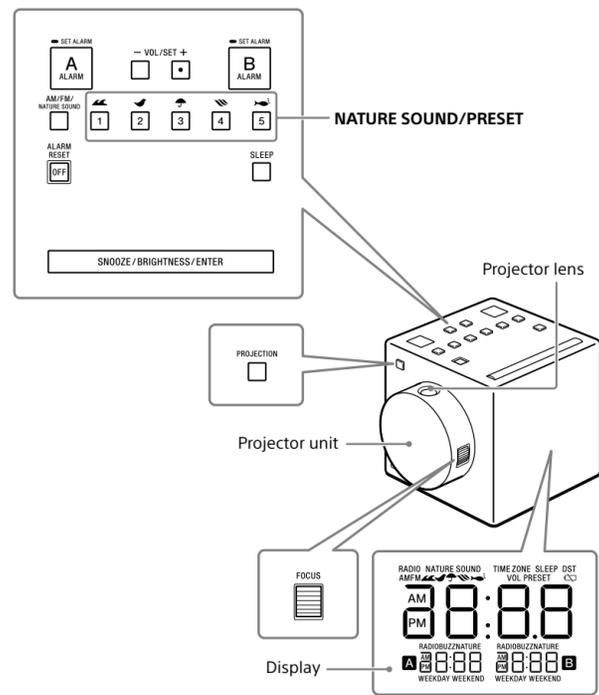
- 1 Rotate the projector unit to point the projector lens in the desired direction.
- 2 Press **PROJECTION**.
- 3 Turn **FOCUS** to adjust the focus. To turn off the projector, press **PROJECTION** again.

### To rotate the projection view

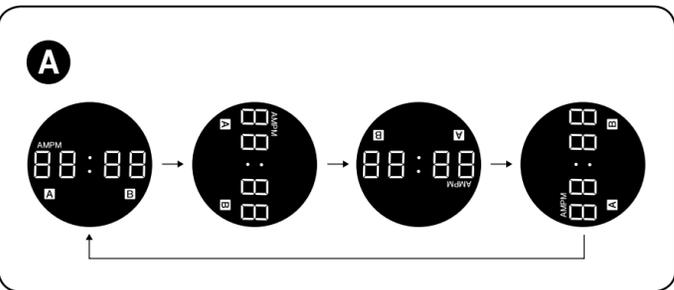
Press **ROTATE PROJECTION** repeatedly. Each time you press **ROTATE PROJECTION**, the projection view rotates as Fig. 6.

#### Notes

- Do not stare into the lens directly.
- The projector function cannot be used unless the clock has been set.
- Certain walls and ceilings may not display the projection properly.
- The projector unit can be rotated 90° forward or backward from the upward position, and clicks when returned to the upward position.
- If the projector unit is rotated beyond its limits, it may be damaged.
- The projector will automatically turn off after 16 hours.



Use the tactile dots on **VOL/SET +** and **TUNING +** and the tactile characters on **3** (**NATURE SOUND/PRESET**) and **ALARM RESET/OFF** as a guide when operating the unit.



## Listening to the radio

- 1 Press **AM/FM/NATURE SOUND** repeatedly to select the desired band (**AM** or **FM**).
- 2 Press **TUNING +** or **-** to tune to the desired station. If you press and hold **TUNING +** or **-**, scanning starts. Scanning pauses when a station is found, and restarts after a few seconds. To stop scanning, press **TUNING +** or **-** (or **SNOOZE/BRIGHTNESS/ENTER**).
- 3 Press **VOL/SET +** or **-** to adjust the volume. To turn off the radio, press **ALARM RESET/OFF**.

#### Note

- The FM frequency display is accurate to within 0.1 MHz. For example, frequencies 88.00 MHz and 88.05 MHz will both be displayed as "88.0 MHz."

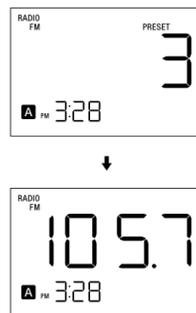
### To preset radio stations

You can preset 5 stations for FM and 5 stations for AM.

- 1 Tune to the station you wish to preset.
- 2 Press and hold the desired **NATURE SOUND/PRESET (1 to 5)** until you hear a beep.



**Example:** The following display appears when you preset FM 105.7 MHz to preset number 3 for FM.



The display shows the frequency for a few seconds and then changes back to the current time. To change the preset station, tune to the desired station and press and hold the **NATURE SOUND/PRESET (1 to 5)** until you hear a beep.

#### Note

- If you try to store another station with the same preset number, the previously stored station will be replaced.

### To tune to a preset station

- 1 Press **AM/FM/NATURE SOUND** repeatedly to select the desired band (**AM** or **FM**).
- 2 Press **NATURE SOUND/PRESET (1 to 5)** where the desired station is stored.
- 3 Press **VOL/SET +** or **-** to adjust the volume.

#### Note

- If no station has been preset yet, "Non" appears on the display. Then the unit returns to the same state as in step 1.

## Selecting a Nature Sound

This unit includes 5 types of Nature Sounds: Sea Waves, Birds, Rain, Brook, and Under the Sea.

- 1 Press **AM/FM/NATURE SOUND** repeatedly to select the Nature Sound.
- 2 Press the desired **NATURE SOUND/PRESET (1 to 5)**.



Icons	Sound type
	Sea Waves
	Birds
	Rain
	Brook
	Under the Sea

To turn off the Nature Sound, press **ALARM RESET/OFF**.

#### Note

- When other functions are in use, Nature Sounds are not available.

## 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 can be selected from "RADIO" (radio), "BUZZ" (buzzer), or "NATURE" (Nature Sound).

### Before setting the alarm

- Make sure to set the clock. (See "Setting the clock.")
- To set the radio alarm, first preset your favorite station. (See "To preset radio stations.")

- 1 Press and hold **SET ALARM/ALARM A** (or **B**) for more than 2 seconds. The preset number and "Non" appear on the display alternately. In this case, the buzzer will sound at the set time.
- 2 Press **VOL/SET +** or **-** to select the desired hour, and press **SNOOZE/BRIGHTNESS/ENTER**.



- 3 Press **VOL/SET +** or **-** to select the desired minute, and press **SNOOZE/BRIGHTNESS/ENTER**.
- 4 Press **VOL/SET +** or **-** to select the desired alarm period ("WEEKDAY," "WEEKEND," or every day\*), and press **SNOOZE/BRIGHTNESS/ENTER**. \* In the case of every day, both "WEEKDAY" and "WEEKEND" are displayed.



- 5 Press **VOL/SET +** or **-** to select the desired alarm mode ("RADIO," "BUZZ," or "NATURE"), and press **SNOOZE/BRIGHTNESS/ENTER**.



#### When selecting "RADIO"

Proceed to "[A] Setting the radio alarm."

#### When selecting "BUZZ"

The setting is complete. The buzzer will sound at the set time, gradually increasing in volume. ("A" or "B") flashes on the display.)

#### When selecting "NATURE"

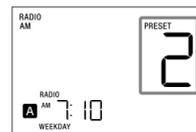
Proceed to "[B] Setting the Nature Sound alarm."

#### [A] Setting the radio alarm

- 6 Press **VOL/SET +** or **-** to select the AM band or FM band, and press **SNOOZE/BRIGHTNESS/ENTER**.



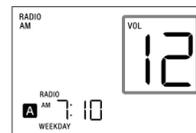
- 7 Press **VOL/SET +** or **-** (or **NATURE SOUND/PRESET (1 to 5)**) to select the preset number of desired station, and press **SNOOZE/BRIGHTNESS/ENTER**.



#### If no station has been preset yet

The preset number and "Non" appear on the display alternately. In this case, the buzzer will sound at the set time.

- 8 Press **VOL/SET +** or **-** to adjust the volume, and press **SNOOZE/BRIGHTNESS/ENTER**.



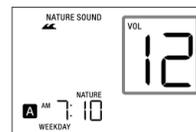
The setting is complete. The radio will turn on at the set time, gradually increasing in volume. ("A" or "B") flashes on the display.)

#### [B] Setting the Nature Sound alarm

- 6 Press **VOL/SET +** or **-** (or **NATURE SOUND/PRESET (1 to 5)**) to select the desired Nature Sound, and press **SNOOZE/BRIGHTNESS/ENTER**.



- 7 Press **VOL/SET +** or **-** to adjust the volume, and press **SNOOZE/BRIGHTNESS/ENTER**.



The setting is complete. The Nature Sound will sound at the set time, gradually increasing in volume. ("A" or "B") flashes on the display.)

## To stop the alarm

Press **ALARM RESET/OFF** to turn off the alarm.

The alarm will sound again at the same time the next weekday or the next weekend.

## To doze for a few more minutes

Press **SNOOZE/BRIGHTNESS/ENTER**.

The sound turns off, but will automatically come on again after about 10 minutes. Each time you press **SNOOZE/BRIGHTNESS/ENTER**, the snooze time changes as follows:

10 → 20 → 30 → 40 → 50 → 60

The display shows the snooze time for a few seconds and returns to show the current time. ("A" or "B") flashes on the display.)

## To deactivate the alarm

Press **SET ALARM/ALARM A** (or **B**).

"A" (or "B") disappears from the display.

## To change an alarm setting

Set the alarm again.

#### Tips

- When the alarm setting is complete, the alarm time setting is displayed.
- If you press and hold **SNOOZE/BRIGHTNESS/ENTER** for more than 2 seconds while setting the alarm, the alarm setting is immediately complete.

#### Notes

- If a second alarm sounds during a first (or the snooze function is active), the second alarm takes priority.
- If the same alarm time is set for both **ALARM A** and **ALARM B**, **ALARM A** takes priority.
- If no operation is performed while the alarm is sounding, the alarm will stop after about 60 minutes.

### Notes on the alarm in the event of a power interruption

In the event of a power interruption, the alarm functions work until the battery is fully discharged. But certain functions may be affected as follows:

- The display will disappear.
- If the alarm sound is set to "RADIO" or "NATURE," the buzzer will sound.
- If a power interruption occurs while the alarm is sounding, the buzzer will sound.
- If **ALARM RESET/OFF** is not pressed, the alarm will sound for about 5 minutes.
- If "∞" appears on the display, the alarm will not sound in the event of a power interruption. Replace the battery if "∞" appears.
- The snooze function will not work.
- During a power interruption, the alarm will sound only once at the set time.

## Setting the sleep timer

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

Press **SLEEP** while the radio or Nature Sound is playing.

"SLEEP" appears on the display. Each time you press **SLEEP**, the duration (in minutes) changes on the display as follows:

90 → 60 → 30 → 15  
OFF

The radio or Nature Sound will play for the duration you set, then shut off.

To deactivate the sleep timer, press **SLEEP** repeatedly to set the sleep timer to "OFF."

## To turn off the radio or Nature Sound before the preset time

Press **ALARM RESET/OFF**.

## To use both the sleep timer and alarm

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

Set the alarm, then set the sleep timer.

#### Tip

- When you press **SLEEP** while the sleep timer is activated, the remaining time appears on the display.

#### 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/ENTER**.

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

High (default) → Middle → Low  
Off

#### Tip

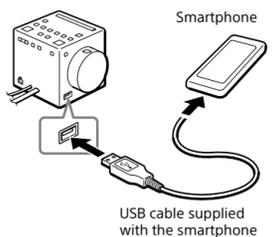
- You can also set the brightness of the display to off by pressing and holding **SNOOZE/BRIGHTNESS/ENTER**.

#### Notes

- When the alarm is sounding or the snooze function is active, the brightness of the display cannot be changed.
- Even if the brightness is set to off, the display lights at a low brightness level when the alarm sounds.

## Charging a smartphone

You can charge a smartphone by connecting it to the unit using a USB cable (not supplied).



#### Notes

- There is no guarantee that this unit can be used to charge all products that can be charged via USB.
- This unit does not support power feeds greater than 5 V/1.5 A.
- Check the charge status on the smartphone.
- If a warning tone sounds, remove the smartphone from the unit.
- The reception sensitivity on the radio may worsen when charging a smartphone via USB.