SONY

4-127-390-**13**(1)

DAB/FM/CD Audio System

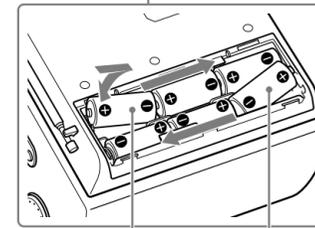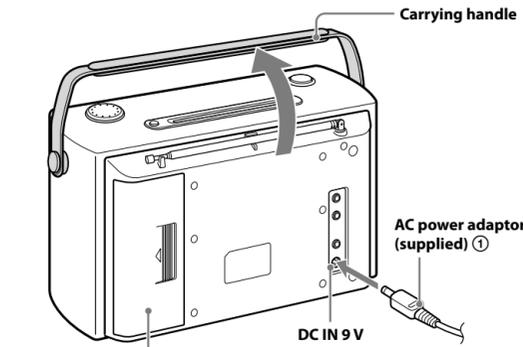Operating Instructions

XDR-S100CD

DAB
Digital Audio Broadcasting

R·D·S

http://www.sony.net/

LABEL SIDE

POWER

VOLUME

AUDIO IN

LINE OUT

DC IN 9V

OPR/BATT DISPLAY
GUIDE PAUSE&REWIND SC ST SLEEP TIMER Ⓐ Ⓑ MODE
SLEEP MENU
MEMORY GUIDE
PAUSE&REWIND — SCAN + ENTER
DAB/FM CD AUDIO IN Ⓡ TUNING/SELECT
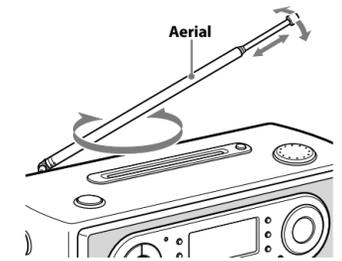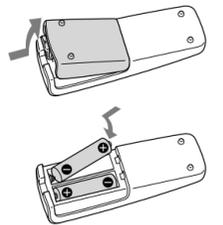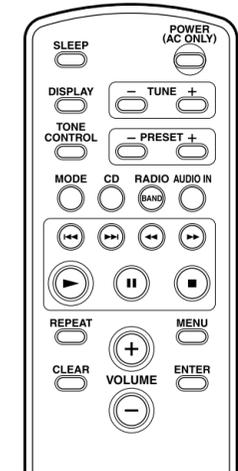
A

Carrying handle

AC power adaptor (supplied) ①

DC IN 9 V
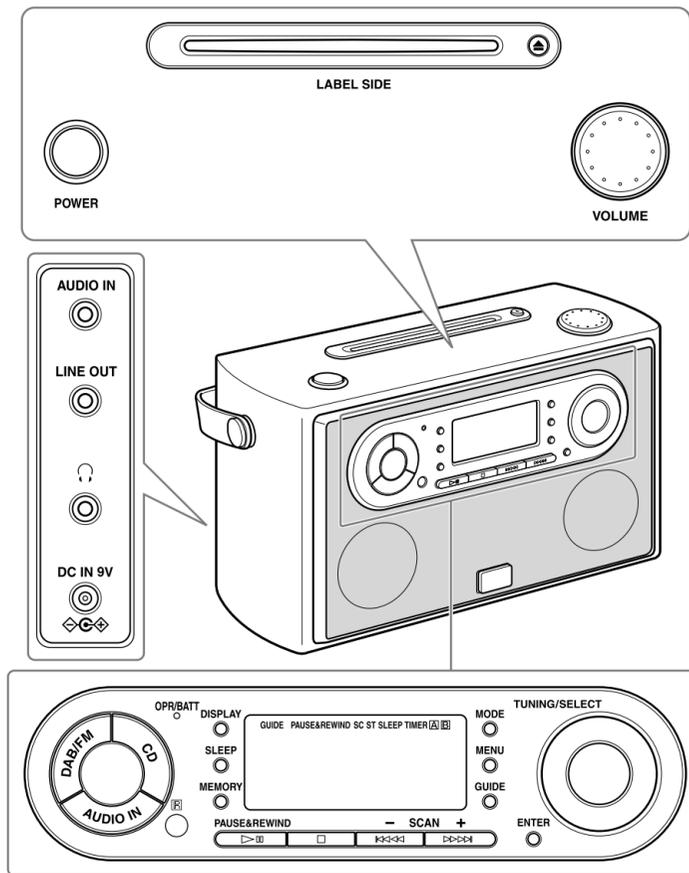
R14 (size C) × 6 ②
Insert the ⊖ side of the battery first.
Be sure to insert batteries from this position one by one.

B

Aerial

C

POWER (AC ONLY)
SLEEP
DISPLAY — TUNE +
TONE CONTROL — PRESET +
MODE CD RADIO AUDIO IN (BAND)
REPEAT MENU
CLEAR VOLUME ENTER

R6 (size AA) × 2

Features

● DAB(Band-III)/FM Radio
● Built-in CD Player with Slot-in Style
● High Quality Sound with Stereo Speaker
● Pause & Rewind Function
● Electronic Programme Guide
● Easy to Read Large Display (16 × 4 lines character)
● Easy Station Selection with Jog Dial
● DAB 20/ FM 20 Station Presets
● Guide/Alarm/Sleep Timer
● Tone Control Function
● Audio in for Digital Music Players
● AC/DC Operation (AC Power Adaptor Supplied)
● Remote Control

Choosing power sources

Using house current (See fig. **A**-①)

Connect the AC power adaptor (supplied) to the DC IN 9 V jack firmly, and plug it into a wall outlet.

Notes on the AC power adaptor
● When operating the unit with the internal batteries, remove the AC power adaptor from the wall outlet and the DC IN 9 V jack. Make sure that the plug of the external power source is disconnected before operating the unit.
● Use the supplied Sony AC power adaptor only. The polarity of the plugs of other manufacturers may be different. Failure to use the supplied AC power adaptor may cause the unit to malfunction.

Installing batteries (See fig. **A**-②)

1 Open the battery compartment at the rear of the unit.
2 Install six R14 (size C) batteries (not supplied), observing polarity, and then close the lid.

Battery Life (Approx. hours) (JEITA*)

When using	DAB	FM	CD
Sony alkaline LR14 (size C)	10	7	4
Sony R14 (size C)	3	2	1

* Measured by JEITA (Japan Electronics and Information Technology Industries Association) standards. The actual battery life may vary depending on the circumstance of the unit.

Note on replacing the batteries
When the batteries are replaced, the unit may revert to the factory settings (except preset).

Notes on batteries
● Do not attempt to recharge dry batteries.
● Do not carry batteries with coins or other metallic objects. It can generate heat if the positive and negative terminals of the batteries are accidentally contacted by a metallic object.
● If you are not going to use the unit for a long time, remove the batteries to avoid damage from battery leakage and corrosion.
● Do not use different types of batteries at the same time.
● When you replace the batteries, replace all with new ones.

Improving the reception (See fig. **B**)

DAB Band-III/FM:
Extend the telescopic aerial and adjust the length and the angle for best reception.

Notes
● Adjust the direction of the aerial by holding the bottom of it. The aerial can be damaged if you move the aerial with excessive force.
● Be careful not to have the aerial touch the carrying handle when listening to radio. It may cause noise.

Preparing the remote control

Installing the batteries into the remote control (See Fig. **C**)

Insert two R6 (size AA) batteries (not supplied).

When to replace the batteries
With normal use, the batteries should last for about six months. When the remote control no longer operates the unit, replace all the batteries with new ones.
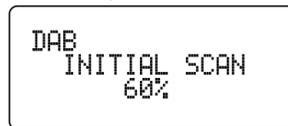
Notes
● Do not charge dry batteries.
● If you are not going to use the remote control for a long time, remove the batteries to avoid any damage caused by leakage and corrosion.

Initial setting for the DAB

When the AC power adaptor is plugged in, or the batteries are installed for the first time after purchase (or after resetting), the unit will automatically scan and create a list of receivable broadcasts.

1 Adjust the aerial accordingly.
2 Press **POWER** to turn on the radio.
"DAB TUNING" → "DAB NO SERVICE" → "DAB INITIAL SCAN" appears in the display, the unit will automatically scan, create a list of receivable DAB broadcasts and adjusts the clock.

```
DAB
    INITIAL SCAN
        60%
```

DAB scan takes a few minutes. When finished, the unit receives the first service in order stored by the DAB scan.
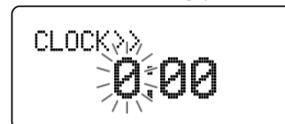
Notes
● If you change the unit's location of use, or want to add a new service after the initial setting, press and hold **DAB/FM**. "INITIAL SCAN?" appears in the display and then press **ENTER**. The unit will automatically scan and create a list of receivable services.
● If you set the initial setting or scan, any DAB services registered as preset are erased.
● If no services are found by the DAB scan, "NO SERVICE" appears in the display. In that case, if DAB is selected again, the unit will automatically scan.
● This unit supports only EPG in data service.

Set the clock

Do the following if DAB broadcasts are not available (depending on area). The time setting mode by DAB becomes invalid.

1 Press **MENU** and turn **TUNING/SELECT** to select "CLOCK SETTING," and then press **ENTER**.
The hour indication will be displayed as follows.

```
CLOCK▷▷
    0:00
```

2 Turn **TUNING/SELECT** to set the hour, and then press **ENTER**.
3 Repeat step 2 to set the minutes.
After setting the time, the clock starts from 0 seconds.

Notes
● The time will be adjusted automatically during DAB service reception.
● The clock system of this unit is 24-hour system ("0:00" = midnight).

Time adjustment- Summer time

Time adjustment is performed only during DAB service reception.
DAB service reception for at least one minute is required to reset the time to Summer time.

Operating the radio

The unit can receive DAB services and FM stations.

1 Press **DAB/FM** (**RADIO/BAND** on the remote) to turn on the radio.
When the unit is turned on again, the last band you listened to is received.
2 Press **DAB/FM** (**RADIO/BAND** on the remote) repeatedly to select the desired band.
Each press changes the band as follows:

→ DAB → FM ┐

3 Turn **TUNING/SELECT** (press **TUNE** + or – on the remote) to tune to the desired service or station.
4 Adjust the volume using **VOLUME**.

Notes in FM usage
● The frequency can be set in 0.05 MHz steps for FM.
● If the FM broadcast is noisy, press and hold **MODE** on the unit more than 2 seconds (press **MODE** on the remote) until "MONO" appears in the display and the radio will play in monaural.
● When the unit receives an FM station transmitting RDS data, text information appears in the display.
● Each time you press **DISPLAY**, the display changes current time and frequency.

To listen with headphones

You can enjoy the radio and external equipment connected to the line in by headphones (not supplied). Connect headphones (not supplied) to the ⌒ (headphones) jack. The speaker is deactivated when headphones are connected.

Presetting your favorite services or stations

Presetting services and stations

You can preset 20 services and stations each for DAB and FM.

1 Follow steps **1** to **3** in "Operating the radio" and tune into service or station you wish to preset.
2 Hold down **MEMORY** for more than 2 seconds.
"ENTER PRESET NO." appears and preset number flashes in the display.
3 Turn **TUNING/SELECT** to select the preset number, then press **ENTER**.
"PRESET COMPLETE!" appears in the display and service or station is stored with the selected preset number.

To preset another service or station, repeat these steps.

Notes
● If you try to store another station with the same preset number, the previously stored station will be replaced.
● If DAB reception is poor, the service may not be stored.

Playing preset services or stations

1 Press **DAB/FM** to select the band.
2 Press **MODE** on the unit until "PRESET" appears in the display.
3 Turn **TUNING/SELECT** to tune in the stored service or station.

Tip
On the remote, press **PRESET** + or – to tune in the stored service or station.

Scan tuning (for FM)

The unit will automatically scan FM stations.

1 Press **POWER** to turn on the radio.
2 Press **DAB/FM** (**RADIO/BAND** on the remote) to select the FM band.
3 Hold down **SCAN** + or – (**TUNE** + or – on the remote) for more than 2 seconds.
+ : scans to the higher frequency.
– : scans to the lower frequency.
Scanning starts from the frequency being tuned in. When a station is received, scanning stops.
4 If necessary, turn **TUNING/SELECT** (press **TUNE** + or – on the remote) to tune in to the station more precisely.
5 Adjust the volume using **VOLUME**.

Other useful functions for DAB

Changing the display

To change the display mode, press **DISPLAY** during DAB reception.

The display can be up to 16 characters. Each time you press **DISPLAY**, the bottom of the display changes as follows:

①
```
DAB
ALPHA1 RADIO
DLS
ABCDEFGHIJKLMNOP
```

②
```
DAB
ALPHA1 RADIO
LEVEL      100
TYPE     None
```

⑤
```
12-AUG-2008
3:42
```

③
```
DAB
ALPHA1 RADIO
ENSEMBLE
DAB ENSEMBLE ONE
```

④
```
DAB
ALPHA1 RADIO
12B  225.648MHz
BITRATE 256Kbps
```
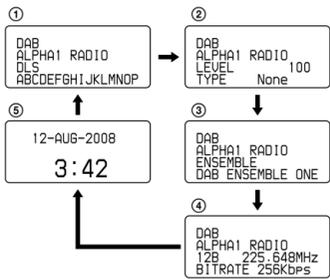
①: Dynamic
②: Signal strength and PTY
③: Ensemble
④: Frequency and bit rate
⑤: Clock and date

Note
The display mode returns to ① after several seconds. The display mode ① will be also displayed when you turn the unit off and on again, or change to another function.

Using the GUIDE

This unit downloads the EPG (electronic programme guide) included in the DAB data and displays it. The unit also enables you to perform timer operations, using the downloaded EPG (see "Setting the guide timer").

To download the EPG

1 Follow steps **1** to **3** in "Operating the radio" and tune into DAB service.
2 Press **GUIDE** for more than 2 seconds.
   "GUIDE DOWNLOAD" appears in the display.
3 Turn **TUNING/SELECT** to select the "CURRENT" or "ALL."
   "CURRENT": Only the current station is downloaded.
   "ALL": All stations are downloaded in order.
4 Press **ENTER**.
   "GUIDE DOWNLOADING" flashes in the display until "%" and current ensemble name appears.

When download is completed, the EPG is displayed as follows:

```
GUIDE        ST        FRI  2
DAB
[u]11
Living In The Pa
NOWPLAYING- 2:00
```
Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ

Ⓐ Day of the week
Ⓑ Component (or secondary) label
Ⓒ Programme name
Ⓓ Programme start time
   (currently broadcast programme is displayed as "NOWPLAYING")
Ⓔ Programme end time

To display the EPG:
Press **GUIDE**.
To display the media description in EPG:
Press **DISPLAY**.
To check another station in EPG:
Turn **TUNING/SELECT**.
To check another programme time in EPG:
Press **SCAN + or –**.
To store the guide timer:
Press **ENTER**.

Notes
• Set this unit to receive DAB for about 2 minutes so as to download the EPG data.
• If DAB reception is poor, time-out error may occur while downloading the EPG data.
  Perform the above operation where the reception is good.
• If you move into a place with poor reception (in the building, etc.) after downloading the EPG, EPG may not be displayed.
• If there is no data, or data cannot be displayed, "Not Available" appears in the display.
• The downloaded EPG data will be erased if the either of the following operations is executed:
  –When you operate the power saving mode.
  –When you turn off the unit during battery operation.

Pausing and rewinding radio

This unit always stores DAB data and you can pause and rewind the data. When the memory becomes full, new audio data will over write from the oldest one.

1 Press **PAUSE & REWIND** during DAB reception.
   The current broadcast mutes and the PAUSE & REWIND indicator and the rewind time* appear in the display.

```
PAUSE&REWIND   ST
DAB            –  1.23        Rewind
Stac1                         time
DLS
Something For Th
```

* Rewind time: delay time from the current broadcast

2 Press **PAUSE & REWIND** again until the desired rewind time appears.
   You can also rewind the current broadcast by holding down ◄◄ ◄◄ (◄◄ on the remote). You can adjust the rewind time by holding down ►►► ►►► or ◄◄ ◄◄ (►► or ◄◄ on the remote).

The operation is cancelled when you:
• Change channels.
• Select ALL on the GUIDE DOWNLOAD menu.
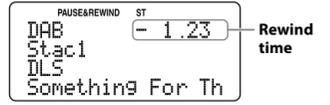• Press ■ or **POWER**.
• Hold down ►►► ►►► (►►► on the remote) until the rewind time displays "0:00" (current time).
• Change a function.

Notes
• When EPG is displayed, this operation is disabled. In this case, ◄◄, ◄◄, ►►, ►►► can not be operated.
• Rewind time is depending on bit rate of broadcast. 128kbps DAB data is storable for about 25 minutes.
• If DAB reception is poor, this function may not operate properly.
• When the memory becomes full during pause mode, this function will be playback automatically.


PTY (Programme type)

This function indicates services by programme type, such as NEWS, SPORTS, etc., in the PTY list, transmitted as DAB.

If the received service or station does not transmit the programme type, "None" appears.

Programme type	Display
Undefined	None
News	News
Current Affairs	Affairs
Information	Info
Sport	Sport
Education	Educate
Drama	Drama
Culture	Culture
Science	Science
Varied	Varied
Pop Music	Pop M
Rock Music	Rock M
Easy Listening Music	Easy M
Light Classical	Light M
Serious Classical	Classics
Other Music	Other M
Weather	Weather
Finance	Finance
Children's programmes	Children
Social Affairs	Social
Religion	Religion
Phone In	Phone In
Travel	Travel
Leisure	Leisure
Jazz Music	Jazz
Country Music	Country
National Music	National M
Oldies Music	Oldies
Folk Music	Folk M
Documentary	Document

Playing a CD

Insert a disc with the label side facing forward.
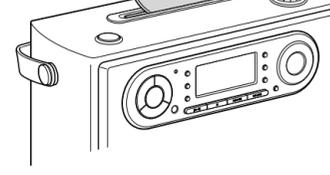
1 Press **CD** on the unit.
2 Slot the CD into the unit.
   Total tracks and time appear in the display.
3 Press ►II (► on the remote).
   The unit plays all the tracks once.

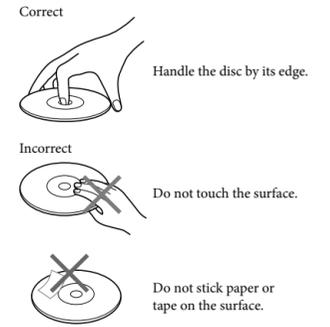| To	Press
Pause playback	►II (► or II on the remote)
Stop playback	■
Go to the next track	Turn **TUNING/SELECT** or press ►► ►►II (►►II on the remote)
Go back to the previous track	Turn **TUNING/SELECT** or press ◄◄ ◄◄ (◄◄ on the remote)
Locate a point while listening to the sound	►► ◄◄ (forward) or ◄◄ ◄◄ (backward) (►► or ◄◄ on the remote) while playing and hold it until you find the point.
Locate a point while observing the display	►► ◄◄ (forward) or ◄◄ ◄◄ (backward) (►► or ◄◄ on the remote) in pause and hold it until you find the point.
Remove the CD	▲

About CD-Rs/CD-RWs

This unit is compatible with CD-Rs/CD-RWs but playback capability may vary depending on the quality of the disc, the recording device and application software.

Music discs encoded with copyright protection technologies

This product is designed to play back discs that conform to the Compact Disc (CD) standard.

Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

To handle compact discs

Correct
Handle the disc by its edge.

Incorrect
Do not touch the surface.

Do not stick paper or tape on the surface.

Note on DualDiscs

A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

Notes
• Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this unit. Attempting to do so may damage the unit. Do not use such discs.
• To prevent a CD from being damaged while inserting/removing it, set the carrying handle down when playing a CD.
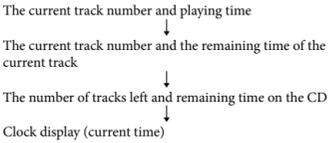• When you eject a disc, handle the disc by its edge. Do not touch the surface.

Using the display

To check the total track number and playing time

In stop mode, press **DISPLAY**.

To check the remaining time

Press **DISPLAY** repeatedly while playing a CD. The display changes as follows:

The current track number and playing time

↓

The current track number and the remaining time of the current track

↓

The number of tracks left and remaining time on the CD

↓

Clock display (current time)

Playing tracks repeatedly (repeat play)

You can play tracks repeatedly in normal, shuffle or program play modes.

1 Follow steps **1** and **2** in "Playing a CD"
2 Proceed as follows:

To repeat	Do this
A single track	1 Press **REPEAT** on the remote until "REPEAT 1" appears. 2 Press ◄◄ ◄◄ or ►► ►►II to select the track that you want to repeat. 3 Press ►►II (► on the remote).
All tracks on the CD	1 Press **REPEAT** on the remote until "REPEAT" appears. 2 Press ►►II (► on the remote).
Tracks in random order	1 Start shuffle play (see "Playing tracks in random order"). 2 Press **REPEAT** on the remote until "REPEAT" appears. 3 Press ►►II (► on the remote).
Programmed tracks files	1 Program tracks (see "Creating your own programme"). 2 Press **REPEAT** on the remote until "REPEAT" appears. 3 Press ►►II (► on the remote).

To cancel repeat play

Press **REPEAT** on the remote until "REPEAT" disappears from the display.

Playing tracks in random order (shuffle play)

You can play tracks in random order.

1 Follow steps **1** and **2** in "Playing a CD"
2 Press **MODE** until "SHUFFLE" appears in the display.
3 Press ►II (► on the remote) to start shuffle play.

To cancel Shuffle Play

Stop playing first. Then press **MODE** until "SHUFFLE" disappears from the display.

Tip
During shuffle play, you cannot select the previous track by pressing ◄◄ ◄◄ (◄◄ on the remote).

Creating your own programme (programme play)

You can arrange the playing order of up to 20 tracks on a CD.

1 Follow steps **1** and **2** in "Playing a CD"
2 Press **MODE** until "PROGRAM" appears in the display.
3 Press ►► ►►II or ◄◄ ◄◄ or turn **TUNING/SELECT** to select the track and then press **ENTER** to add it to the programme.
   Repeat to programme other tracks in the order that you want.
   After programming the first track, "STEP 1" appears, followed by selected track.
   Each time you add a track, a step number is added.
4 Press ►II (► on the remote) to start Programme Play.

To cancel programme play

Stop playing first. Then press **MODE** until "PROGRAM" disappears from the display.

To clear the programme you set

• Press **CLEAR** on the remote.
• Stop playback first. Then press **STOP ■**.

Tip
You can play the same programme again, since the programme is saved until you eject the CD.

Connecting optional component

To enhance your system, you can connect optional components. Be sure to turn off the power of each component before making any connections. For details, refer to the instruction manual of the component to be connected.

To listen to the sound from optional components in the unit

1 Connect the AUDIO IN jack on the unit to the line output jack of the portable digital music player or other components using an audio connecting cable* (not supplied).
   * For a PC: use a cable which fills the connector of your PC. For a TV or VCR: use a cable with a stereo-mini plug on one end and two phono plugs on the other end. For a portable digital music player: use a cable with a stereo-mini plug on both ends.
2 Turn the unit and the connected component on.
3 Press **AUDIO IN** and start playing sound on the connected component.
   The sound from the connected component is output from the speakers.

To listen to the sound of the unit by optional components

Connect the LINE OUT jack on the unit to the line in jack of the other components.

Note
The volume and tone adjusted on this unit does not affect the sound output from LINE OUT.

Using the timers

The unit offers three timer functions. If you use the alarm timer or guide timer with the sleep timer, the sleep timer has priority.

Setting the sleep timer

The sleep timer allows you to fall asleep to the sound of a CD, the radio, or input from the AUDIO IN function. It does this by automatically turning off the CD, the radio, or input from the AUDIO IN function after a preset duration.

1 Press **SLEEP** while the unit is turned on. "SLEEP" appears in the display.
2 Press **SLEEP** to set the sleep timer duration.
   Each time you press **SLEEP**, the duration changes as follows:
   "AUTO*" → "60" → "30" → "20" → "10" → "OFF".
   * When you select "AUTO", the CD stops playing in 90 minutes at most and the unit goes off automatically. When you are listening to the radio, the radio goes off in 90 minutes.

The unit automatically turns off when the duration time is passed.

4 seconds after you have finished the duration setting and released **SLEEP**, "SLEEP" appears in the display and back light will turn off, then the sleep timer starts. The unit will play for the duration you set, and then shut off.

Note
Even if the duration is passed, the optional component connected with AUDIO IN is not turned off.

To change the sleep timer setting

Repeat step **2** to select the desired sleep timer setting even after the sleep timer has been activated.

To deactivate the sleep timer

• Press **POWER**. The unit will turn off.
• Press **SLEEP** to set the sleep timer "OFF," only the sleep timer will be cancelled (the unit stays ON).

Setting the alarm timer

You can set the unit to turn on automatically at a preset time. The timer sound is selectable from DAB, FM, CD and BUZZER.
Make sure you have set the clock.

To set the alarm timer

1 Press **MENU** to show the menu display.
2 Turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to select "TIMER SETTING," then press **ENTER**.
3 Turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to select "TIMER A," then press **ENTER**.
4 Turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to select "SETTING," then press **ENTER**.
5 Turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to set the hour for on time, then press **ENTER**.
   The minute flashes. Perform the procedure above to set the minute.
6 Repeat step **5** to set the time to stop playing.
7 Turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to select the desired sound from DAB, FM, CD and BUZZER, then press **ENTER**.
8 Turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to adjust the wake-up volume, then press **ENTER**.
   If you select DAB or FM, turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to select the desired preset number, then press **ENTER**.
   When you select the preset number "P--" during DAB service reception, the most recent reception service is received.
9 Press **POWER** to turn off the unit.
   The unit turns on about 15 seconds before the preset time.
   If the unit is on at the preset time, the alarm timer will not play.

To stop the alarm timer

Press **POWER**.

To deactivate the alarm timer

Perform the same procedure as in step **4** to select "OFF" "TIMER" and "A" turn off in the display.

Setting the guide timer

To set the guide timer

You can set up to 10 guide timers using the EPG display based on the downloaded DAB data.
Make sure you have download the EPG.

1 Follow steps **1** and **2** in "To set the alarm timer."
2 Turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to select "GUIDE," then press **ENTER**.
   EPG appears in the display. "TIMER," "B," "GUIDE" and the lowest number of the guide timer on which a programme is not stored flash in the display.

```
 ╷╷╷╷╷╷   TIMER B
GUIDE   1 TIMER B
27 10:30-11:00
DAB         VOL  10
The village Gree
```

---

3 Turn **TUNING/SELECT** (►►II or ◄◄ on the remote) and press **SCAN + or –** to select the desired programme, then press **ENTER**.
4 Turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to adjust the volume, then press **ENTER**.

If you select the stored number in step **2**, do the following:

1 Turn **TUNIG/SELECT** (►►II or ◄◄ on the remote) and press **SCAN + or –** to select the desired programme, then press **ENTER**. "SETTING" and "CANCEL" appear in the display.
2 Turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to select "SETTING," then press **ENTER**.
3 Turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to adjust the volume, then press **ENTER**.

The setting is completed.

To erase the guide timer

1 Perform the same procedure as in steps **1** and **2** in "To set the guide timer," turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to select the desired number and then press **ENTER**.
   "SETTING" and "CANCEL" appear in the display.
2 Turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to select "CANCEL," then press **ENTER**.

To set the guide timer directly by EPG.

1 Following "To display the EPG" and display the desired EPG to setting the timer.
2 Press **ENTER**.
   "TIMER," "B," "GUIDE" and the lowest number of the guide timer on which a programme is not stored flash in the display.
3 Turn **TUNING/SELECT** (►►II or ◄◄ on the remote) to adjust the volume, then press **ENTER**.

Notes
• You cannot set the guide timer if the following indications appeared.
  –"TIMEOVERLAPPING": On-time of two or more guide timers overlap.
  –"TIMER NG": The on-time and off-time are the same.
  –"TIMER FULL": Maximum numbers of guide timers have been already set.
• If a guide timer activates while the power is turned on, the power is not turned off when the off-time of the guide timer passes.
• If another guide timer activates while a guide timer sounds, the latter one has priority.
• If the on-time of the alarm timer and guide timer is same, guide timer has priority.

Other useful functions

Adjusting the tone

1 Press **POWER** to turn on the unit.
2 Press **MENU** to show the menu display.
3 Turn **TUNING/SELECT** to select "TONE CONTROL," then press **ENTER** to show the setting display.
4 Turn **TUNING/SELECT** to adjust "TREBLE," then press **ENTER**.
5 Turn **TUNING/SELECT** to adjust "BASS," then press **ENTER**.

Tips
• The adjustable range of "TREBLE" and "BASS" is from –4 to +4.
• You can adjust "TONE" directly by pressing **TONE** on the remote control. Press ►►II or ◄◄ to adjust the tone, then press **ENTER**.

Using the power saving mode

This unit has a power saving mode in AC operation. While the AC power adaptor is connected in power off, press **DISPLAY** for more than 2 seconds.
The following will occur:
• Time display is turned off
• Remote control does not work
• EPG is all erased

To reset the unit

If the radio fails to function properly, do the following:

Press and hold **STOP**, **ENTER** and **POWER** at the same time for a few seconds.
"RESET" appears in the display and the unit will revert to the factory preset.

Precautions

• Operate the unit only on the power sources specified in "Specifications". For battery operation, use six R14 (size C) batteries. For AC operation, use only the supplied AC power adaptor. Do not use any other type of AC power adaptor.
• 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.
• Use the unit within a temperature range of 0°C to 40°C (32°F to 104°F). If it is used in temperatures higher than this range, numbers may appear in the display which have nothing to do with the frequency being received. If it is used in temperatures lower than this range, the numbers displayed may change very slowly. (These irregularities will disappear and there will be no damage to the unit when the unit is used in the recommended temperature range.)
• Avoid exposure to temperature extremes, direct sunlight, moisture, sand, dust or mechanical shock. Never leave in a car parked in the sun.
• Should any solid object or liquid fall into the unit, disconnect the AC power adaptor and remove the batteries, and have the unit checked by a qualified personnel before operating it any further.
• Do not drop objects such as clips or coins into the CD slot. If this happens, disconnect the AC power adaptor and remove the batteries, and have the unit checked by a qualified personnel before operating it any further.
• Be careful of objects/people around you when carrying the unit by its handle.
• In vehicles or buildings, radio reception may be difficult or noisy. Try listening near a window.
• Since a strong magnet is used for the speakers, keep away personal credit cards using magnetic coding or spring-wound watches from the unit to prevent possible damage from the magnet.
• To clean the casing, use a soft cloth dampened with a mild detergent solution.

[Crossed-out wheeled bin symbol]
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 be caused by 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.
Applicable accessories: Remote control

[Crossed-out wheeled bin symbol]
Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)
This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste.
On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead.
By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of materials will help to conserve natural resources.
In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only.
To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.
For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.
For more detailed information about recycling of this product or battery, 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.

Troubleshooting

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

Display is dim, or no indication is displayed.
• The unit is being used in extremely high or low temperatures or in a place with excessive moisture.

Very weak or interrupted sound, or unsatisfactory reception.
• If you are in a building, listen near a window.

A station or service cannot be received when a PRESET recalls.
• The station or service has not been preset.
• Another station or service is preset. Preset the station or service again.

The preset services and stations may be initialized, if a maintenance service is performed.
Please note down of your settings in case you want to preset them again.

Specifications

CD player section

System
Compact disc digital audio system

Laser diode properties
Emission duration: Continuous
Laser output: Less than 44.6 μW(This output is the value measurement at a distance of 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)

Number of channels
2

Frequency response
20 - 20 000 Hz +1/–2 dB

Wow and flutter
Below measurable limit

Radio section

Frequency range

Band	Frequency	Channel step
DAB (Band-III)	174.928 - 239.200 MHz	
FM	87.5 - 108 MHz	0.05 MHz

DAB (Band-III) frequency table (MHz)

No.	Channel	Frequency	No.	Channel	Frequency
1	5A	174.928	20	9D	208.064
2	5B	176.640	21	10A	209.936
3	5C	178.352	22	10B	211.648
4	5D	180.064	23	10C	213.360
5	6A	181.936	24	10D	215.072
6	6B	183.648	25	11A	216.928
7	6C	185.360	26	11B	218.640
8	6D	187.072	27	11C	220.352
9	7A	188.928	28	11D	222.064
10	7B	190.640	29	12A	223.936
11	7C	192.352	30	12B	225.648
12	7D	194.064	31	12C	227.360
13	8A	195.936	32	12D	229.072
14	8B	197.648	33	13A	230.784
15	8C	199.360	34	13B	232.496
16	8D	201.072	35	13C	234.208
17	9A	202.928	36	13D	235.776
18	9B	204.640	37	13E	237.488
19	9C	206.352	38	13F	239.200

General

Time display
24-hour system

Speaker:
Approx. 7.7 cm (3 ⅛ in) dia. 6 Ω

Power output:
3W + 3 W (at 10 % harmonic distortion)

Output:
Ω (headphones) jack (ø 3.5mm stereo mini jack)
LINE OUT jack (ø 3.5mm stereo minijack)

Input:
AUDIO IN jack (ø 3.5mm stereo minijack)

Power requirements:
9 V DC, six R14 (size C) batteries

External power source:
DC IN 9 V

Dimensions:
Approx. 339 × 200 × 158 mm (w/h/d)
(Approx. 13 ⅜ × 7 ⅞ × 6 ¼ in) incl. projecting parts and controls

Mass:
Approx. 3.8 kg (8 lb 6 oz) not incl. batteries

Supplied accessories:
AC power adaptor (1)
Remote control (1)

Design and specifications are subject to change without notice.