

# Personal Audio System

## WARNING

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

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.

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 player is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the player itself has been turned off.

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

Do not expose the batteries (battery pack or batteries installed) to excessive heat such as sunshine, fire or the like for a long time.

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

Do not use the player in a location near heat sources, in a place subject to direct sunlight, excessive dust, or mechanical shock, or in a car subject to the direct rays of the sun.

Do not place the player on an inclined or unstable place.

Do not place anything within 10 mm of the side of the cabinet. The ventilation holes must be unobstructed for the player to operate properly and prolong the life of its components.

Since a strong magnet is used for the speakers, keep personal credit cards using magnetic coding or spring-wound watches away from the player to prevent possible damage from the magnet.

# Personal Audio System

## 경고

### 화재 또는 감전의 위험을 줄이려면 이 기기를 비 또는 습기에 노출하지 마십시오.

화재의 위험을 줄이려면 신문이나 테이블 보 또는 커튼 등으로 기기의 환풍구를 막지 마십시오. 또한 기기 위에 촛불을 켜 채로 올려 놓지 마십시오.

화재나 감전 사고의 위험을 줄이려면 기기에 물이 떨어지거나 튀게 하지 말고, 꽃병과 같이 액체가 들어 있는 물건을 기기에 올려 두지 마십시오.

메인 플러그는 주전원과 기기를 분리하는 데 사용되므로 주변의 가까운 AC 콘센트에 기기를 연결하십시오. 기기에 이상이 있으면 메인 플러그를 AC 콘센트에서 즉시 빼 주십시오.

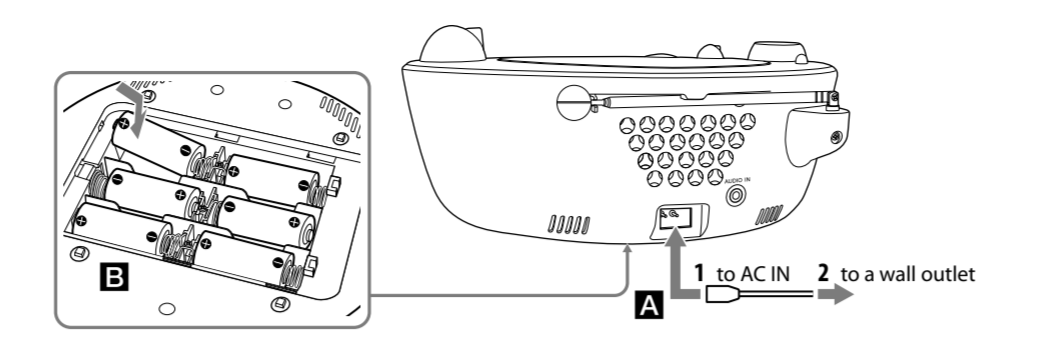
플레이어 본체 스위치가 꺼졌더라도 플레이어가 콘센트에 연결되어 있으면 AC 전원(주전원)이 공급되고 있습니다.

책상이나 붙박이장과 같이 좁은 공간에 본 장치를 설치하지 마십시오.

배터리(설치된 배터리 팩 또는 배터리)를 햇빛, 불 등과 같은 과도한 열에 장시간 노출시키지 마십시오.

기명판과 안전과 같은 중요 정보는 본체 밑면에 있습니다.

### Power sources



Connect the AC power cord **A** or insert six R14 (size C) batteries (not supplied) into the battery compartment **B**.

- Notes**
- Replace the batteries when the OPR/BATT indicator **[8]** dims or when the player becomes inoperable. Replace all six batteries with new ones. Before replacement, make sure there is no CD inserted in the player.
- To use the player on battery power, the AC power cord needs to be disconnected from the player.

## Before using the unit

### To adjust the volume

Turn VOL **[4]**.

### To turn off the power

Set the function selector **[10]** to OFF.

## Specifications

<b>General</b>
Speaker
Full range: 5 cm (2 inches) dia., 8 Ω, cone type (2)
Input
AUDIO IN jack (stereo minijack)
Power output
1 W + 1 W (at 8 Ω, 10% harmonic distortion)
Power requirements
For player:
220 V AC, 60 Hz
9 V DC, 6 R14 (size C) batteries
Power consumption
AC 8 W
Battery life
For player:
<b>FM reception</b>
Sony R14P: approx. 35 h
Sony alkaline LR14: approx. 55 h
<b>CD playback</b>
Sony R14P: approx. 3 h
Sony alkaline LR14: approx. 14 h
<b>Dimensions</b>
Approx. 271 × 122 × 271 mm (w/h/d)
(10 7/8 × 4 7/8 × 10 7/8 inches) (incl. projecting parts)
Mass
Approx. 2.2 kg (4 lb. 12 oz) (incl. batteries)
Supplied accessory
AC power cord (1)
<b>Design and specifications are subject to change without notice.</b>

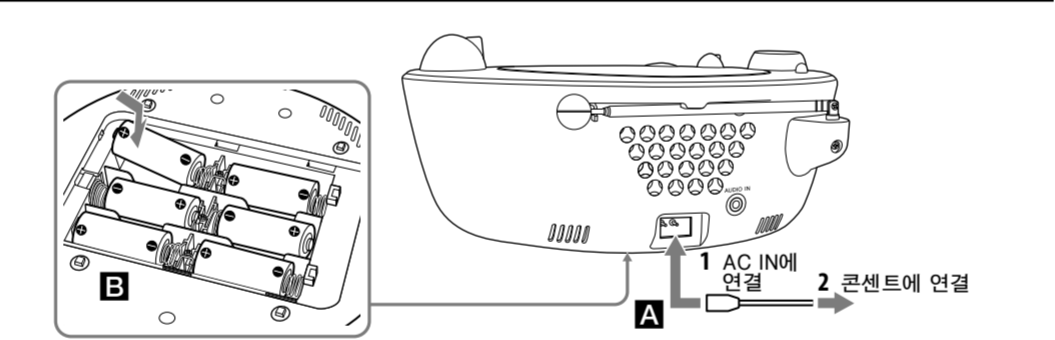
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## 전원



AC 전원 코드 **A**를 연결하거나 R14(C 사이즈) 배터리(별매품) 여섯 개를 배터리실 **B**에 넣으십시오.

- 주의점**
- OPR/BATT 표시기 **[8]**이 희미해지거나 플레이어가 조작되지 않으면 배터리를 교체하십시오. 여섯 개의 배터리를 모두 새것으로 교체하십시오. 교체하기 전에 CD가 플레이어에 없다는 것을 확인하십시오.
- 배터리 전원으로 플레이어를 사용하려면 플레이어에서 AC 전원 코드를 빼야 합니다.

## 기기를 사용하기 전에

**음량을 조절하려면**  
VOL **[4]**를 돌립니다.

### 전원을 끄려면

기능 선택기 **[10]**을 OFF로 설정합니다.

## 주요 제원

<b>CD 플레이어 부문</b>
시스템
콤팩트 디스크 디지털 오디오 시스템
레이저 다이오드 특성
방사 지속시간: 연속
레이저 출력: 44.6mW 미만
(이 출력은 구경이 7 mm인 광학 픽업 블록상의 테블렌즈 표면으로부터 약 200 mm 거리에서 측정된 값입니다.)
채널 수
2
주파수 응답
20 - 20 000 Hz +0.02/-0.1 dB
위주 필터
수정 한계치 미만

<b>라디오 부문</b>
주파수 범위
FM: 87.5 - 108 MHz
AM: 530 - 1 710 kHz
안테나
FM: telescopic 안테나
AM: 내장 페라이트 바 안테나

## Precautions

### Discs that this unit CAN play

- Audio CD
  - CD-R/CD-RW (CD-DA\*)
- \*CD-DA is the abbreviation for Compact Disc Digital Audio. It is a recording standard used for Audio CDs.

### Discs that this unit CANNOT play

- CD-R/CD-RW other than those recorded in music CD format
- CD-R/CD-RW of poor recording quality, CD-R/CD-RW that has scratches or are dirty, or CD-R/CD-RW recorded with an incompatible recording device
- CD-R/CD-RW which is finalized incorrectly

### Notes on discs

- Before playing, clean the CD with a cleaning cloth. Wipe the CD from the center out. If there is a scratch, dirt or fingerprints on the CD, it may cause tracking errors.

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### On placement

- Do not leave the player in a location near heat sources, in a place subject to direct sunlight, excessive dust, or mechanical shock, or in a car subject to the direct rays of the sun.

- Do not place the player on an inclined or unstable place.

- Do not place anything within 10 mm of the side of the cabinet. The ventilation holes must be unobstructed for the player to operate properly and prolong the life of its components.

- Since a strong magnet is used for the speakers, keep personal credit cards using magnetic coding or spring-wound watches away from the player to prevent possible damage from the magnet.

### On operation

- If the player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the CD player section. Should this occur, the player will not operate properly. In this case, remove the CD and wait about an hour for the moisture to evaporate.

### Cleaning the cabinet

- Clean the cabinet, panel and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder, or solvent, such as alcohol or benzine.

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

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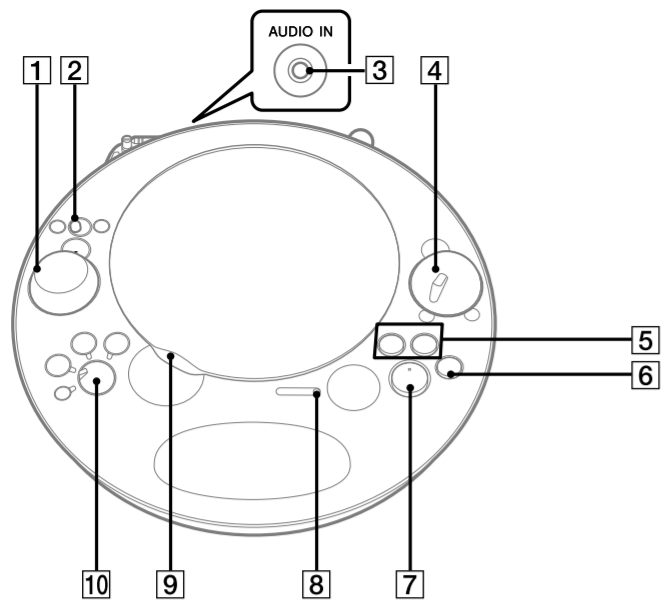
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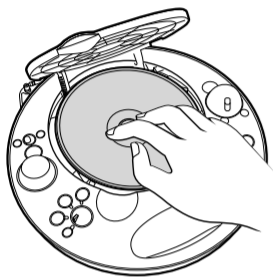
## Basic Operations



▶▶ [7] have a tactile dot.

### Playing a CD

- 1 Pull PULL OPEN [9] to open the CD compartment lid and place a disc on the pivot in the center of the tray.



- 2 Close the CD compartment lid.

- 3 Set the function selector [10] to CD. OPR/BATT indicator [8] turns on and total track number appears in the display after "--" blinks.

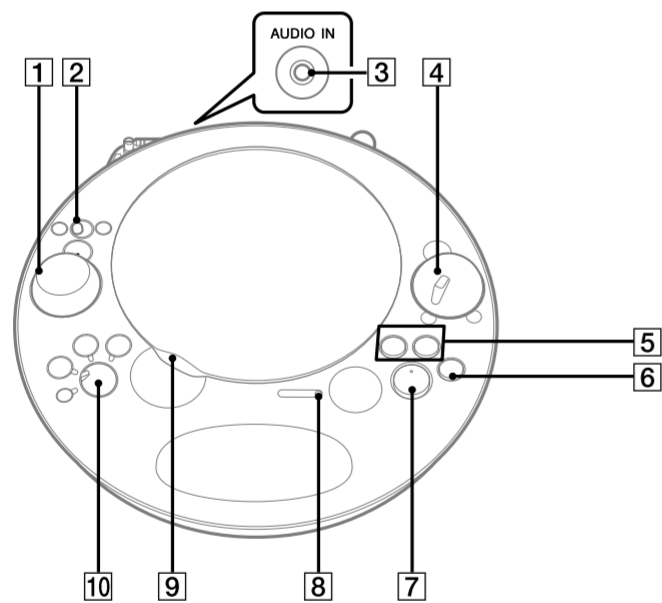
- 4 Press ▶▶ [7].

"01" appears in the display to indicate that track 1 of the CD is playing. The unit plays all the tracks once.



To	Press
Pause playback	▶▶ [7]
Stop playback	■ [6]
Go to the next track	▶▶ [5]
Go back to the previous track	◀◀ [5]
Locate a point while listening to the sound	▶▶ (forward) or ◀◀ (backward) [5] while playing and hold it until you find the point.
Remove the CD	PULL OPEN [9]

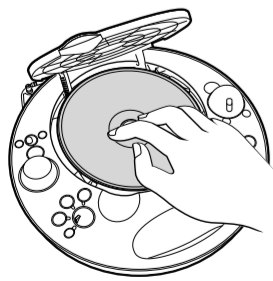
## 기본 작동



▶▶ [7]에 돌기가 있습니다.

### CD 재생하기

- 1 PULL OPEN [9]를 당겨서 CD실 뚜껑을 열고 트레이 중간에 기둥에 디스크를 올려 놓습니다.



- 2 CD실 뚜껑을 닫습니다.

- 3 기능 선택기 [10]을 CD로 설정합니다. OPR/BATT 표시기 [8]이 켜지고 "--"가 깜박인 후 디스플레이에 총 트랙 수가 나타납니다.

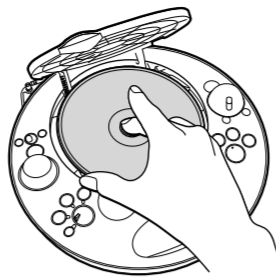
- 4 ▶▶ [7]을 누릅니다.

CD 트랙 1이 현재 재생 중임을 알리는 "01"이 디스플레이에 표시됩니다. 기기에서 모든 트랙이 한 번씩 재생됩니다.



목적	누르기
재생 일시정지	▶▶ [7]
재생 정지	■ [6]
다음 트랙으로 진행	▶▶ [5]
이전 트랙으로 되돌아감	◀◀ [5]
사운드를 들으면서 특정 위치를 찾을 때까지 ▶▶ (앞방향) 또는 ◀◀ (뒷방향) [5]를 누르고 있기.	▶▶ (앞방향) 또는 ◀◀ (뒷방향) [5]를 누르고 있기.
CD 꺼내기	PULL OPEN [9]

**To remove the CD**  
Remove the CD as illustrated below.



### Listening to the radio

- 1 Set the function selector [10] to RADIO. OPR/BATT indicator [8] turns on.
- 2 Select a desired band using [2].
- 3 Tune in to the station using TUNE [1]. If FM stereo reception is too weak, the reception switches to monaural.

### Connecting optional components

You can enjoy the sound from an optional component such as a portable digital music player through the speakers of this unit. 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.

- 1 Connect the AUDIO IN jack [3] on the back of the unit to the line output jack of a portable digital music player or other component using an audio connecting cable (not supplied).

- 2 Turn the unit and the connected component on.

- 3 Set the function selector [10] to AUDIO IN and start playback of the connected component.

The OPR/BATT indicator [8] turns on and the sound from the connected component is output from the speakers of this unit.

To connect the unit to a TV or VCR, use an extension cable (not supplied) with a stereo-mini jack on one end and two phono plugs on the other end.

**CD를 꺼내려면**  
아래 그림대로 CD를 꺼냅니다.



### 라디오 듣기

- 1 기능 선택기 [10]을 RADIO로 설정합니다. OPR/BATT 표시기 [8]이 켜집니다.
- 2 [2]를 사용하여 원하는 대역을 선택합니다.
- 3 TUNE [1]을 사용해서 방송국을 선곡합니다. FM 스테레오 수신이 너무 약하면 수신이 모노로 전환됩니다.

### 옵션 컴포넌트 연결

본 기기의 스피커를 통해 휴대용 디지털 음악 플레이어와 같은 옵션 컴포넌트에서 사운드를 즐길 수 있습니다. 연결하기 전에 각 컴포넌트의 전원을 꺼야 합니다. 자세한 내용은 연결할 컴포넌트의 사용설명서를 참조하십시오.

- 1 오디오 연결 케이블(별매품)을 사용하여 휴대용 디지털 음악 플레이어 또는 기타 컴포넌트의 라인 출력 단자에 기기의 뒷면에 있는 AUDIO IN 단자 [3]을 연결합니다.

- 2 기기 및 연결된 컴포넌트를 켭니다.

- 3 기능 선택기 [10]을 AUDIO IN으로 설정하고 연결된 컴포넌트의 재생을 시작합니다. OPR/BATT 표시기 [8]이 켜지고 연결된 컴포넌트의 사운드가 본 기기의 스피커에서 출력됩니다.

기기를 TV 또는 VCR에 연결하려면 한쪽 끝에는 스테레오 미니 단자가 있고 반대쪽 끝에는 두 개의 모노 플러그가 있는 연장 케이블(별매품)을 사용하십시오.

## Troubleshooting

### General

**The power is not on.**

- Connect the AC power cord to the wall outlet securely.
- Make sure the batteries are inserted correctly.
- Replace all the batteries with new ones if they are weak.

**Noise is heard.**

- Someone is using a portable telephone or other equipment that emits radio waves near the player. → Move the portable telephone, etc., away from the player.

### CD player

**The CD does not play or "--" is displayed even when a CD is in place.**

- Place the CD with the label surface up.
- Clean the CD.
- Take out the CD and leave the CD compartment open for about an hour to dry moisture condensation.
- The CD-R/CD-RW is blank.
- There is a problem with the quality of the CD-R/CD-RW, recording device or application software.
- Replace all the batteries with new ones if they are weak.

**The sound drops out.**

- Reduce the volume.
- Clean the CD, or replace it if the CD is badly damaged.
- Place the player in a location free from vibration.
- Clean the lens with a commercially available blower.
- The sound may drop out or noise may be heard when using poor quality CD-Rs/CD-RWs, or if there is a problem with the recording device or application software.

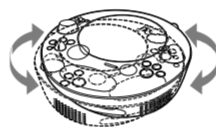
### Radio

**Reception is poor.**

- Reorient the antenna to improve FM reception.



- Reorient the player itself to improve AM reception.



## 문제 해결

### 일반

**전원이 켜지지 않는다.**

- 콘센트에 AC 전원 코드를 단단히 연결하여 주십시오.
- 배터리가 올바르게 들어 있는지 확인하십시오.
- 배터리가 약할 때에는 모두 새것으로 바꾸어 주십시오.

**잡음이 들린다.**

- 플레이어가 가까이에서 전파를 방출하는 휴대용 또는 기타 장치를 사용하고 있습니다. → 플레이어에서 휴대용 등을 멀리 하십시오.

### CD 플레이어

**CD가 들어 있는데도 CD가 재생되지 않거나 디스플레이에 "--"가 표시된다.**

- CD는 라벨 면을 위로 해서 올려 놓으십시오.
- CD를 청소하여 주십시오.
- CD를 꺼내고 약 한 시간 정도 CD실을 연 채 수분을 증발시켜 주십시오.
- CD-R/CD-RW에 아무것도 기록되어 있지 않습니다.
- CD-R/CD-RW, 기록 장치 또는 응용 프로그램 소프트웨어 품질에 문제가 있습니다.
- 배터리가 약할 때에는 모두 새것으로 바꾸어 주십시오.

**소리가 된다.**

- 볼륨을 낮추어 주십시오.
- CD를 클리닝하거나 CD가 심하게 손상되어 있을 때에는 바꾸어 주십시오.
- 진동이 없는 장소에 플레이어를 두십시오.
- 시판용 블로어로 렌즈를 청소하여 주십시오.
- 품질이 낮은 CD-R/CD-RW를 사용하거나 기록 장치 또는 응용 소프트웨어에 문제가 있으면 음이 튀어나 잡음이 생기는 경우가 있습니다.

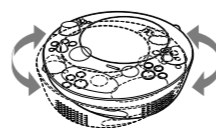
### 라디오

**잡 들리지 않는다.**

- FM 방송이 잘 들리도록 하려면 안테나 방향을 바꾸어 주십시오.



- AM 방송이 잘 들리도록 하려면 플레이어 방향을 바꾸어 주십시오.



**The audio is weak or has poor quality.**

- Replace all the batteries with new ones if they are weak.
- Move the player away from the TV.

**The picture of your TV becomes unstable.**

- If you are listening to an FM program near the TV with an indoor antenna, move the player away from the TV.

After trying the remedies, if you still have problems, unplug the AC power cord or remove all the batteries. After all the indications in the display disappear, plug the AC power cord in or insert the batteries again. If the problem persists, please consult your nearest Sony dealer.

**소리가 작거나 음질이 나쁘다.**

- 배터리가 약한 경우 모두 새것으로 바꾸어 주십시오.
- 플레이어를 TV에서 멀리하여 주십시오.

**TV 영상이 불안정하다.**

- 실내 안테나를 사용하는 TV 가까이에서 FM 방송을 듣고 있는 경우에는 플레이어를 TV에서 멀리하여 주십시오.

상기 대책을 실시해도 문제가 해결되지 않을 때에는 AC 전원 코드를 빼거나 배터리를 모두 꺼내 주십시오. 디스플레이의 표시가 모두 지워지면 AC 전원 코드를 연결하거나 배터리를 다시 넣으십시오. 문제가 계속되는 경우에는 가까운 Sony 대리점으로 문의하여 주십시오.