SONY

Personal Audio System

Operating Instructions   US

Owner's Record
The model number is located at the bottom and the serial number is located in the battery compartment.
Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.
Model No. _____   Serial No. _____

ZS-BT1

Bluetooth

© 2007 Sony Corporation   Printed in China
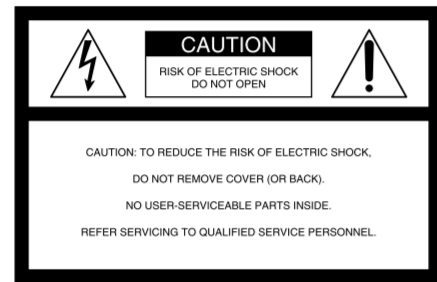http://www.sony.net/

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 place objects filled with liquids, such as vases, on the apparatus.

Connect the apparatus to an easily accessible AC outlet. Should you notice an abnormality in the apparatus, disconnect the main plug from the AC outlet immediately.

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

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Power sources
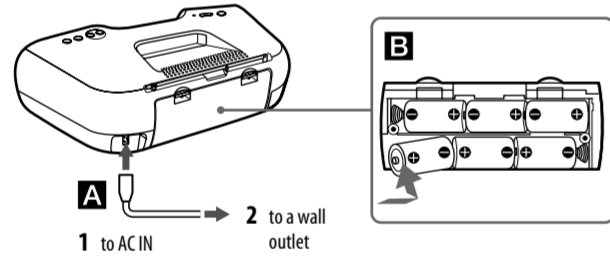
Connect the AC power cord A or insert six R20 (size D) batteries (not supplied) into the battery compartment B.

Notes
• Replace the batteries when the OPR/BATT indicator 2 dims or when the unit stops operating.
  Replace all the batteries with new ones. Before you replace the batteries, be sure to take out the CD from the unit.
• To use the unit on batteries, disconnect the AC power cord from the unit.
• When you operate the unit on batteries, you cannot turn on the unit using the remote.

Preparing the remote
Insert two R6 (size AA) batteries (not supplied).
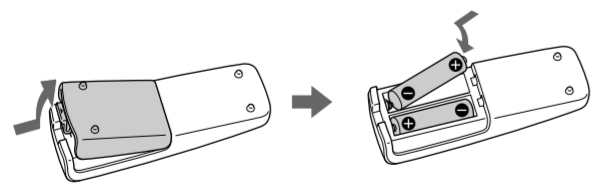
Replacing batteries
With normal use, the batteries should last for about six months. When the remote no longer operates the unit, replace all the batteries with new ones.

CAUTION
The use of optical instruments with this product will increase eye hazard.

Information

For customers in the USA
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

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

This equipment complies with the FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65.

This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and legs).

Notes 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.

Specifications

AUDIO POWER SPECIFICATIONS
POWER OUTPUT AND TOTAL HARMONIC DISTORTION
With 3.2-ohm loads, both channels driven from 150 - 6 000 Hz; rated 1.8 W per channel-minimum RMS power, with no more than 10 % total harmonic distortion in AC operation.

Other 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 measured at a distance of about 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/–1 dB
Wow and flutter
  Below measurable limit

Radio section
Frequency range
  FM: 87.5 - 108 MHz
  AM: 530 - 1 710 kHz
Antennas
  FM: Telescopic antenna
  AM: Built-in ferrite bar antenna

General
Speaker
  Full range: 10 cm (4 in.) dia., 3.2 Ω, cone type (2)
Input
  AUDIO IN jack (stereo minijack): Minimum input level 245 mV
Outputs
  Headphones jack (stereo minijack)
  For 16 - 64 Ω impedance headphones
Power output
  2.3 W + 2.3 W (at 3.2 Ω, 10% harmonic distortion)
Power requirements
  For player:
  120 V AC, 60 Hz
  9 V DC, 6 R20 (size D) batteries
  For remote control:
  3 V DC, 2 R06 (size AA) batteries
Power consumption
  AC 14 W

Bluetooth section
Communication system:
  Bluetooth Standard version 2.0
Output:
  Bluetooth Standard Power Class 2
Maximum communication range:
  Line of sight approx. 10 m[1]
Frequency band:
  2.4 GHz band (2.4000 GHz - 2.4835 GHz)
Modulation method:
  FHSS
Compatible Bluetooth profiles[2]:
  A2DP (Advanced Audio Distribution Profile)
  AVRCP (Audio Video Remote Control Profile)
Supported codecs:
  Receive: SBC (Sub Band Codec), MP3
  Transmit: SBC (Sub Band Codec)

[1] The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, reception sensitivity, antenna's performance, operating system, software application, etc.
[2] Bluetooth standard profiles indicate the purpose of Bluetooth communication between devices.

Battery life
For player:

FM Radio reception
Sony R20P: approx. 18 h
Sony alkaline LR20: approx. 38 h

CD playback
Sony R20P: approx. 6 h
Sony alkaline LR20: approx. 17 h
  It is recommended that you use alkaline batteries.
Dimensions
  Approx. 480 × 156 × 250 mm (w/h/d)
  (19 × 6 3/4 × 9 7/8 inches) (incl. projecting parts)
Mass
  Approx. 4.3 kg (9 lb. 8 oz) (incl. batteries)
Supplied accessories
  AC power cord (1)
  Remote control (1)

Design and specifications are subject to change without notice.

Optional accessories
Sony MDR headphones series

Music discs encoded with copyright protection technologies
This product is designed to playback 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.

For customers in the USA
Please register this product on line at
http://www.sony.com/productregistration
Proper registration will enable us to send you periodic mailings about new product, services and other important announcements. Registering your product will also allow us to contact you in the unlikely event that the product needs adjustment or modification. Thank you.

• The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Sony Corporation is under license. Other trademarks and trade names are those of their respective owners.
• TM and (R) marks are omitted in this manual.

Basic Operations
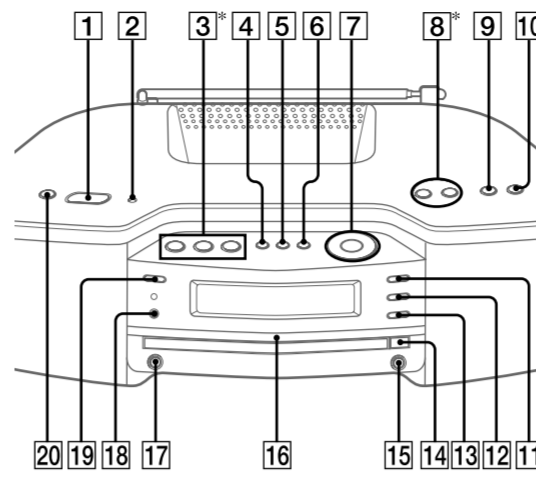
* VOLUME + 8 and ► 3 on the unit have a tactile dot.

To	Press
Pause playback	‖ 3. To resume play, press it again.
Stop playback	■ 3.
Go to the next track	►►►►‖ (►►‖ on the remote) 7.
Go back to the previous track	◄◄◄◄‖ (‖◄◄ on the remote) 7.
Locate a point while listening to the sound	►►►►‖ (forward) or ◄◄◄◄‖ (backward) 7 while playing and hold it until you find the point. (On the remote, use ►► or ◄◄ 7.)
Locate a point while observing the display	►►►►‖ (forward) or ◄◄◄◄‖ (backward) 7 in pause and hold it until you find the point. (On the remote, use ►► or ◄◄ 7.)
Remove the CD	▲ 14.

On the remote
To select CD function, press CD 11.

Notes
• When pressing 7 (►►►►‖, ◄◄◄◄‖, ♦, ♦) on the unit, press the marking at the part near the outer edge.
• You cannot locate a specific track if "SHUF" or "PGM" is lit in the display. Press ■ 3, and then press MODE 6 repeatedly until "SHUF" and "PGM" disappears from the display.

Before using the unit

To turn on/off the power
Press POWER 1.

To adjust the volume
Press VOLUME +, – 8.

To listen through headphones
Connect the headphones to the Ω (headphones) jack 17.

To select the sound characteristic
Press SOUND 10 repeatedly to select the audio emphasis you want.

Choose	To get
	Powerful, clean sounds, emphasizing low and high range audio
	Light, bright sounds emphasizing high and middle range audio
	Percussive sounds, emphasizing bass audio
	The presence of vocals, stressing middle range audio
	The whole dynamic range for music such as classical music

To reinforce the bass sound
Press MEGA BASS 9 to display "MEGA BASS" in the display.
To return to normal sound, press MEGA BASS 9 to disappear from the display.

Note
MEGA BASS does not function when you use the Bluetooth function to listen to a sound source other than through the Bluetooth function (e.g., CD, radio, or AUDIO IN).

Playing a CD

1 Press CD 11 on the unit.
  "CD" appears in the display.

2 Press ▲ 14 on the unit, and place a disc with the label side up on the CD tray.
  To close the CD tray, press ▲ 14 on the unit.

3 Press ► 3 on the unit.
  The unit plays all the tracks once.

Track number   Playing time
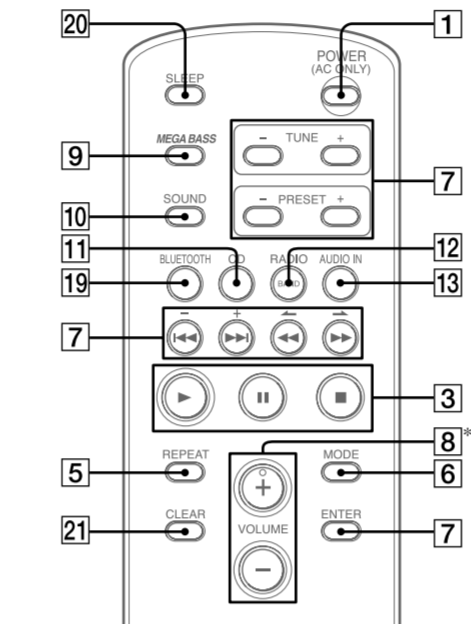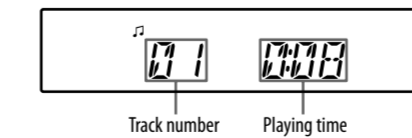
Listening to the radio

To listen to FM or AM
1 Press RADIO BAND•AUTO PRESET 12 on the unit (RADIO•BAND 12 on the remote) repeatedly to select FM or AM.

2 Hold down TUNE + or – 7 until the frequency digits begin to change in the display.
  The unit automatically scans the radio frequencies and stops when it finds a clear station.
  If you cannot tune in a station, press TUNE + or – 7 repeatedly to change the frequency step by step.
  When an FM stereo broadcast is received, "ST" appears.

Tip
If the FM broadcast is noisy, press MODE 6 until "MONO" appears in the display and the radio will play in monaural.

Using the Bluetooth function

This unit supports Bluetooth A2DP and AVRCP profiles. For details on Bluetooth wireless technology, see "Bluetooth wireless technology" on the back page.

Check the websites below for the latest information about compatible devices.
For customers in the U.S.A.:
<http://www.sony.com/shelfsupport>
For customers in Canada:
English <http://www.sony.ca/ElectronicsSupport/>
French <http://fr.sony.ca/ElectronicsSupport/>
For customers in Europe:
<http://sonydigital-link.com/dna>
For customers in Latin America:
<http://www.sony-latin.com/pa/info>
For customers in Asia and Oceania:
<http://www.css.ap.sony.com/>

Listening to music of a Bluetooth mobile phone or Bluetooth device
You can listen to music from your Bluetooth mobile phone or Bluetooth device over a wireless connection.

Follow the procedure below to listen to music from Bluetooth devices with this unit.

Pairing this unit with a Bluetooth device
↓
Connecting to registered devices
↓
Playing music of a Bluetooth device

For details about the operations of the Bluetooth device, also refer to the operation manual supplied with your Bluetooth device.

Pairing this unit with a Bluetooth device
Pairing is an operation where Bluetooth devices register with each other beforehand. Use the procedure below to pair the unit with your Bluetooth device. Once a pairing operation is performed, it does not need to be performed again. If pairing is already completed, proceed to "Playing music of a Bluetooth device" on this page.

1 Place the Bluetooth device to be connected to this unit within 1 meter of the unit.

2 Press BLUETOOTH 19

3 Operate the Bluetooth device and perform the pairing operation.
  For details about the operations of the Bluetooth device, refer to the operation manual supplied with your Bluetooth device.
  When establishing a connection with this unit, select the audio profile (A2DP, AVRCP) at the Bluetooth device. If the Bluetooth device does not support the AVRCP profile, you cannot perform playback or other operations with the unit (See "Playing music on this unit" on the back page).

4 Enter the passcode.
  Passcode entry may be required depending on the type of Bluetooth device.
  When "PIN" appears, enter the passcode at the unit as follows:

  Press ►►►►‖, ◄◄◄◄‖, ♦, ♦ on the unit (►►►◄•–, ►►‖++ and ◄◄◄•–, ►►►►►►– on the remote) 7 to enter the same passcode that was entered at the Bluetooth device, and then press ENTER 7.
  Once pairing is completed and the connection is established, the unit display changes as follows:
  "LINKED" → Name of the Bluetooth device

To cancel passcode entry partway
Press ■ 3.

Notes
• "Passcode" may be called "Passkey", "PIN code", "PIN number" or "Password", etc. depending on the device.
• This unit only supports numerical passcodes up to 4 digits.
• The pairing standby status of the unit is cancelled after about 30 seconds. If pairing is not successful, redo the procedure from step 1.
• While connected to a Bluetooth device, this unit cannot be detected and a connection cannot be established from another Bluetooth device.

To erase all the pairing registration information
1 Press BLUETOOTH 19.
  When the unit is connected with a Bluetooth device (when the Bluetooth device name or other information appears in the unit display), press and hold BLUETOOTH OPR 18 on the unit for about 2 seconds to put the unit in Bluetooth standby mode.

2 Press CLEAR 21 on the remote.
  "DELETE" appears.

3 Press ENTER 7.
  "COMPLETE" appears and all the pairing information is erased.

Note
In order to connect with a Bluetooth device after performing this operation, you must enter the passcode again.

Playing music of a Bluetooth device
You can operate a Bluetooth device by connecting the unit and a Bluetooth device using AVRCP. If the unit is not connected with a Bluetooth device using AVRCP, "NOT USED" appears when you operate the unit.

1 Press BLUETOOTH 19.

2 Establish a connection from the Bluetooth device.
  For details about the operations of the Bluetooth device, refer to the operation manual supplied with your Bluetooth device.
  Once the connection is established, the unit display changes as follows:
  "LINKED" → Name of the Bluetooth device

3 Press ► 3.
  Depending on the Bluetooth device, you may need to start up the AV software of the Bluetooth device beforehand.

4 Press VOLUME + or – to adjust the volume 8.

To check the address of a connected Bluetooth device
Press DISPLAY 4 while the Bluetooth device name appears in the unit display.
The Bluetooth device address appears.

To cancel the connection with a Bluetooth device
Press and hold BLUETOOTH OPR 18 on the unit for about 2 seconds until "UNLINKED" appears, or until the information on the display (device name, etc.) disappears.

Other operation

To	Press
Pause playback	‖ 3.
Stop playback	■ 3.
Select a file	‖◄◄•◄◄◄◄‖/►►►►‖•►►‖ on the unit (‖◄◄/►►‖ on the remote) 7.
Find a point in a file	Hold down ‖◄◄•◄◄◄◄‖/►►‖•►►►►‖ on the unit (◄◄/►► on the remote) 7.

Pairing this unit with a Bluetooth device

Note
These operations may not be available for certain Bluetooth devices. In addition, the actual operations may differ depending on the connected Bluetooth device.

Notes on connections with Bluetooth devices
• If you cannot connect with a paired Bluetooth device, perform the pairing operation between the unit and the Bluetooth device again.
• Depending on the type of Bluetooth device, you can adjust the volume using the controls of the Bluetooth device.
• When BLUETOOTH 19 is pressed while connected to Bluetooth headphones, it may take some time until a connection is made to the unit from another Bluetooth device.

Listening to music on this unit using Bluetooth headphones
You can listen to music played on this unit using your Bluetooth headphones over a wireless connection.

Follow the procedure below to listen to music on this unit with Bluetooth headphones.

Pairing this unit with Bluetooth headphones
↓
Connecting to registered headphones
↓
Playing music on this unit

For details about the operations of the Bluetooth headphones, also refer to the operation manual supplied with your Bluetooth headphones.

Pairing this unit with Bluetooth headphones
Pairing is an operation where Bluetooth devices register with each other beforehand. Use the procedure below to pair the unit with your Bluetooth headphones. Once a pairing operation is performed, it does not need to be performed again. If pairing is already completed, proceed to "Playing music on this unit" on the back page.

1 Select a function other than the Bluetooth function.

2 Place the Bluetooth headphones to be connected to this unit within 1 meter of the unit.

3 Put the Bluetooth headphones in pairing mode.
  For details about the operations of the Bluetooth headphones, refer to the operation manual supplied with your Bluetooth headphones.

4 Press and hold BLUETOOTH OPR 18 on the unit for about 7 seconds until the BLUETOOTH indicator 16 flashes.
  Sound output from the speakers is stopped.

5 Enter the passcode.
  Follow the same procedure as in step 4 of "Pairing this unit with a Bluetooth device" on this page.
  Once pairing is completed and the connection is established, the unit display changes as follows:
  "LINKED" → Name of the Bluetooth device

To cancel passcode entry partway
Press ■ 3.

Notes
• "Passcode" may be called "Passkey", "PIN code", "PIN number" or "Password", etc. depending on the device.
• This unit only supports numerical passcodes up to 4 digits.
• The pairing standby status of the unit is cancelled after about 30 seconds. If pairing is not successful, redo the procedure from step 1.
• While connected to a Bluetooth device, this unit cannot be detected and a connection cannot be established from another Bluetooth device.
• Pairing may not be possible if other Bluetooth devices are present around the unit. In this case, turn off the other Bluetooth devices.

To erase all the pairing registration information
1 Press BLUETOOTH 19.
  When the unit is connected with a Bluetooth device (when the Bluetooth device name or other information appears in the unit display), press and hold BLUETOOTH OPR 18 on the unit for about 2 seconds to put the unit in Bluetooth standby mode.

2 Press CLEAR 21.
  "DELETE" appears.

3 Press ENTER 7.
  "COMPLETE" appears and all the pairing information is erased.

Note
To connect with Bluetooth headphones after performing this operation, you must enter the passcode again.

Basic Operations

Playing music on this unit
You can operate this unit from Bluetooth headphones by connecting the unit and Bluetooth headphones using AVRCP.

1 Select a function other than the Bluetooth function.

2 Establish a connection with the Bluetooth headphones.

Press and hold BLUETOOTH OPR 18 on the unit for about 2 seconds until the BLUETOOTH indicator 16 lights up, then release the button.

If more than one Bluetooth device has been connected in the past is present around the unit, the unit attempts to connect with up to 3 most recently connected devices. (Connection is attempted with up to 3 devices in order from the most recently connected device, and the attempts end when a connection is established.)

Once the connection is established, the unit display changes as follows:
"LINKED" → Name of the Bluetooth device

3 Start playback of the music for the function selected in step 1.

Depending on the type of Bluetooth headphones, you can operate this unit (playback, volume control, etc.) using the headphones controls.

For details about the operations of the Bluetooth headphones, refer to the operation manual supplied with your Bluetooth headphones.

4 Press VOLUME + or – 8 to adjust the volume.

To cancel the connection with Bluetooth headphones
Press and hold BLUETOOTH OPR 18 on the unit for about 2 seconds until the BLUETOOTH indicator 16 turns off.

Notes
- If you cannot connect with paired Bluetooth headphones, perform the pairing operation between the unit and the Bluetooth headphones again.
- When the unit is changed to a function other than the Bluetooth function and BLUETOOTH OPR 18 on the unit is pressed while connected to a Bluetooth device, it may take some time until a connection is made with the Bluetooth headphones.
- This unit stores separate volume settings for when listening through the speakers or 𝜴 (headphones) jack 17 on the unit, or when listening through Bluetooth headphones.

Bluetooth wireless technology

Bluetooth wireless technology is a short-range wireless technology linking digital devices, such as personal computers and digital still cameras. Using the Bluetooth wireless technology, you can operate the units involved within a range of about 10 meters.

The Bluetooth wireless technology is commonly used between two devices, but a single device can be connected to multiple devices.

You do not need wires to get connected as you do with a USB connection, and you do not need to place the devices face to face as you do with wireless infrared technology. You can use the technology with one Bluetooth device in your bag or pocket.

Bluetooth wireless technology is a global standard supported by thousands of companies. These companies produce products that meet the global standard.

Supported Bluetooth version and profiles
Profile refers to a standard set of capabilities for various Bluetooth product capabilities. This unit supports the following Bluetooth version and profiles.

Supported Bluetooth version:
Bluetooth Standard version 2.0
Supported Bluetooth profiles:
A2DP (Advanced Audio Distribution Profile)
AVRCP (Audio Video Remote Control Profile)

Effective communication range
Bluetooth devices should be used within approximately 10 meters (unobstructed distance) of each other. The effective communication range may become shorter under the following conditions.
– When a person, metal object, wall or other obstruction is between the devices with a Bluetooth connection
– Locations where a wireless LAN is installed
– Around microwave ovens that are in use
– Locations where other electromagnetic waves occur

Effects of other devices
- Bluetooth devices and wireless LAN (IEEE 802.11b/g) use the same frequency band (2.4 GHz). When using your Bluetooth device near a device with wireless LAN capability, electromagnetic interference may occur. This could result in lower data transfer rates, noise, or inability to connect. If this happens, try the following remedies:
  – Try connecting this unit and Bluetooth mobile phone or Bluetooth device when you are at least 10 meters away from the wireless LAN equipment.
  – Turn off the power to the wireless LAN equipment when using your Bluetooth device within 10 meters.
- The radio waves broadcast by this unit may interfere with the operation of medical devices. Since this interference may result in malfunction, always turn off the power on this unit, Bluetooth mobile phone and Bluetooth device in the following locations:
  – In hospitals, on trains, in airplanes, at gas stations, and any place where flammable gasses may be present
  – Near automatic doors or fire alarms

Notes
- This unit supports security functions that comply with the Bluetooth specification as a means of ensuring security during communication using Bluetooth technology. However, this security may be insufficient depending on the setting contents and other factors, so always be careful when performing communication using Bluetooth technology.
- Sony cannot be held liable in any way for damages or other loss resulting from information leaks during communication using Bluetooth technology.
- Bluetooth communication is not necessarily guaranteed with all Bluetooth devices that have the same profile as this unit.
- Bluetooth devices connected with this unit must comply with the Bluetooth specification prescribed by the Bluetooth SIG, Inc., and must be certified to comply. However, even when a device complies with the Bluetooth specification, there may be cases where the characteristics or specifications of the Bluetooth device make it impossible to connect, or may result in different control methods, display or operation.
- Noise may occur or the audio may cut off depending on the Bluetooth device connected with this unit, the communications environment, or surrounding conditions.

Bluetooth devices
You can check the websites below for the Bluetooth compatible devices.
For customers in the U.S.A.:
<http://www.sony.com/shelfsupport>
For customers in Canada:
English <http://www.sony.ca/ElectronicsSupport/>
French <http://fr.sony.ca/ElectronicsSupport/>
For customers in Europe:
<http://sonydigital-link.com/dna>
For customers in Latin America:
<http://www.sony-latin.com/pa/info>
For customers in Asia and Oceania:
<http://www.css.ap.sony.com/>

Other Operations

Using the display
You can check information about the CD using the display.

To check the total track number and playing time of the CD
Press ■ 3 to stop the CD playback.

Total track number
Total playing time

To check the remaining time
Press DISPLAY 4 on the unit 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 the time remaining on the CD

* For a track whose number is more than 20, the remaining time appears as "– – : – –" in the display.

Playing tracks repeatedly
(Repeat Play)

You can play tracks repeatedly in normal, Shuffle or Program play modes.

1 Press CD 11.
"CD" appears in the display.

2 Proceed as follows.

To repeat	Do this
A single track	1 Press REPEAT 5 until "⟲ 1" appears. 2 Press ◄◄•I◄◄ or ►►•►►I (I◄◄ or ►►I on the remote) 7 to select the track that you want to repeat. 3 Press ► 3.
All tracks on the CD	1 Press REPEAT 5 repeatedly until "⟲" appears. 2 Press ► 3.
Tracks in random order	1 Press MODE 6 repeatedly until "SHUF" appears, and then press REPEAT 5 to show "⟲". 2 Press ► 3.
Programed tracks	1 Press MODE 6 repeatedly until "PGM" appears, and then press REPEAT 5 to show "⟲". 2 Program tracks (see step 3 of "Creating your own program"). 3 Press ► 3.

To cancel Repeat Play
Press REPEAT 5 until "⟲" disappears from the display.

Playing tracks in random order (Shuffle Play)

You can play tracks in random order.

1 Press CD 11.
"CD" appears in the display.

2 Press MODE 6 repeatedly until "SHUF" appears in the display.

3 Press ►► 3 to start Shuffle Play.

To cancel Shuffle Play
Stop playing first. Then press MODE 6 repeatedly until "SHUF" disappears from the display.

Tip
During Shuffle Play, you cannot select the previous track by pressing ◄◄•I◄◄ (◄◄ on the remote) 7.

Creating your own program (Program Play)

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

1 Press CD 11.
"CD" appears in the display.

2 Press MODE 6 repeatedly until "PGM" flashes in the display.

3 Press ◄◄•I◄◄ or ►►•►►I (I◄◄ or ►►I on the remote) 7 then press ENTER 7 for the tracks you want to program in the order you want.

Programed track number
Playing order

4 Press ► 3 to start Program Play.

To cancel Program Play
Stop playing first. Then press MODE 6 repeatedly until "PGM" disappears from the display.

To delete the last track of the program
Press CLEAR 21 on the remote while the unit is stopped.

To check the order of tracks before play
Press ENTER 7.
Every time you press the button, the track number appears in the programed order.

To change the current program
Press ■ 3 once if the CD is stopped and twice if the CD is playing. The current program will be erased. Then create a new program following the programing procedure.

Tips
- If you try to program 21 tracks or more, "FULL" will appear in the display.
- You can play the same program again, since the program is saved until you open the CD tray or turn off the power of the unit.

Presetting radio stations
You can store radio stations into the unit's memory. You can preset up to 30 radio stations, 20 for FM and 10 for AM in any order.

1 Press RADIO BAND•AUTO PRESET 12 on the unit (RADIO•BAND 12 on the remote) repeatedly to select the band.

2 Hold down RADIO BAND•AUTO PRESET 12 on the unit for 2 seconds until "AUTO" flashes in the display.

3 Press ENTER 7 while "AUTO" flashes in the display.
The stations are stored in memory from the lower frequencies to the higher ones.

If a station cannot be preset automatically
You need to preset a station with a weak signal manually.

1 Press RADIO BAND•AUTO PRESET 12 on the unit (RADIO•BAND 12 on the remote) repeatedly to select the band.

2 Tune in a station you want.

3 Hold down ENTER 7 on the unit repeatedly for 2 seconds until the preset number flashes in the display.

4 Press PRESET + or – 7 on the unit repeatedly until the preset number you want for the station flashes in the display.

5 Press ENTER 7 on the unit.
The new station replaces the old one.

Tip
The preset radio stations remain in memory even if you unplug the AC power cord or remove the batteries.

Playing preset radio stations

1 Press RADIO BAND•AUTO PRESET 12 on the unit (RADIO•BAND 12 on the remote) to select the band.

2 Press PRESET + or – 7 on the unit (PRESET + or – 7 on the remote) to tune in the stored station.

Falling asleep to music

1 Play the music source you want.

2 Press SLEEP 20 on the unit to display "SLEEP".

3 Press SLEEP 20 on the unit to select the minutes until the unit goes off automatically.

Each time you press the button, the indication changes as follows:
"AUTO*" → "60MIN" → "30MIN" → "20MIN" → "10MIN" → "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.

If 4 seconds have passed after you pressed SLEEP 20, the minutes in the display are entered.
When the preset time has passed, the unit goes off automatically.

To cancel the sleep function
Press POWER 1 to turn off the power.

Tip
The display's backlight goes off while sleeping time is active.

Connecting optional component

You can enjoy the sound from a PC, TV, VCR, portable digital music player, etc. 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 15 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 13 and start playing sound on the connected component.
The sound from the connected component is output from the speakers.

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 error.

- Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.
- Do not expose the CD to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight as there can be a considerable rise in temperature inside the car.
- Do not stick paper or sticker on the CD, nor scratch the surface of the CD.
- After playing, store the CD in its case.

On safety
- As the laser beam used in the CD player section is harmful to the eyes, do not attempt to disassemble the casing. Refer servicing to qualified personnel only.
- Should any solid object or liquid fall into the unit, unplug the unit, and have it checked by qualified personnel before operating it any further.
- 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.

On power sources
- For AC operation, use the supplied AC power cord; do not use any other type.
- 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.
- Unplug the unit from the wall outlet when it is not used for an extended period of time.
- When the batteries are not to be used, remove them to avoid damage that can be caused by battery leakage or corrosion.
- The nameplate indicating operating voltage, power consumption, etc. is located at the bottom.

On placement
- Do not leave the unit 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 unit 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 unit 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 unit to prevent possible damage from the magnet.

On operation
- If the unit 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 unit 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 unit, please consult your nearest Sony dealer.

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.
- You cannot turn on the unit with the remote when you operate the unit on batteries.

There is no audio.
- Make sure the function you want to use appears in the display window.
- Unplug the headphones when listening through speakers.

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

CD player

The CD does not play or "NO DISC" 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 tray 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 unit 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-R/CD-RW 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 unit itself to improve AM reception.

The audio is weak or has poor quality.
- Replace all the batteries with new ones if they are weak.
- Move the unit away from the TV.
- If you are using the remote while listening to AM radio, noise may be heard.

The picture of your TV becomes unstable.
- If you are listening to an FM program near the TV with an indoor antenna, move the unit away from the TV.

Bluetooth device

Pairing cannot be done.
- Move the Bluetooth device closer to the unit.
- Pairing may not be possible if other Bluetooth devices are present around the unit. In this case, turn off the other Bluetooth devices.

Connection is not possible.
- The Bluetooth device you attempted to connect does not support the A2DP and AVRCP profiles, and cannot be connected with the unit.
- Enable the Bluetooth function of the Bluetooth device.
- The pairing registration information has been erased. Perform the pairing operation again.
- While connected to a Bluetooth device, this unit cannot be detected and a connection cannot be established from another Bluetooth device.

The sound skips or fluctuates, or the connection is lost.
- The unit and the Bluetooth device are too far apart.
- If there are obstacles between the unit and your Bluetooth device, remove or avoid the obstacles.
- If there is equipment that generates electromagnetic radiation, such as a wireless LAN, other Bluetooth device, or a microwave oven nearby, move them away.

The sound of your Bluetooth device cannot be heard on this unit.
- Turn up the volume on your Bluetooth device first, and then adjust the volume using VOLUME + or – 8.

Severe hum or noise
- If there are obstacles between the unit and your Bluetooth device, remove or avoid the obstacles.
- If there is equipment that generates electromagnetic radiation, such as a wireless LAN, other Bluetooth device, or a microwave oven nearby, move them away.
- Turn down the volume of the connected Bluetooth device.

The sound from the Bluetooth headphones is distorted.
- Turn down the volume of the unit using VOLUME – 8. If your headphones have a volume control, also adjust the volume using the headphone's volume control.
- Press SOUND 10 repeatedly to select "▬ ▬ ▬ ▬ ▬".

Remote

The remote does not function.
- Replace all the batteries in the remote with new ones if they are weak.
- Make sure that you are pointing the remote at the remote sensor on the unit.
- Remove any obstacles in the path of the remote and the unit.
- Make sure the remote sensor is not exposed to strong light such as direct sunlight or fluorescent lamp light.
- Move closer to the unit when using the remote.

To reset the unit to factory settings
If the unit still does not operate properly, reset the unit to factory settings.
Use buttons on the unit to reset the unit to its factory default settings.

1 Remove all the batteries from the unit.

2 Disconnect and reconnect the power cord, and then turn on the unit.

3 Press ■ 3, ENTER 7 and POWER 1 on the unit at the same time.
All user-configured settings, such as preset radio stations, are deleted.

After trying the remedies, if the problem persists, please consult your nearest Sony dealer.

Messages

Bluetooth device

LINKED: Bluetooth communication was established.
UNLINKED: Communication with a Bluetooth device was cut off for some reason, or Bluetooth communication was ended.
NO DEVICE: A pairable Bluetooth device was not found, or connection was not possible.
NOT USED: The unit is not connected with a Bluetooth device using AVRCP.
PIN: The unit is asking for the passcode. For details, see "Using the Bluetooth function" on the front page.
PLEASE WAIT: The unit is readying for usage of a Bluetooth device.