SONY®

Micro HI-FI
Component System

Operating Instructions

CMT-MX700Ni/MX750Ni

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 opening of the apparatus with newspapers, tablecloths, curtains, etc.
Do not place the naked flame sources such as 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.

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

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

The unit is not disconnected from the mains as long as it is connected to the AC outlet, even if the unit itself has been turned off.

CAUTION

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

Except for customers in the U.S.A. and Canada

```
CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT
```

This appliance is classified as a CLASS 1 LASER product. This marking is located on the rear exterior.

For customers in the U.S.A.

Owner's Record

The model and serial numbers are located on the rear of the unit. Record these numbers in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.
Model No. _____
Serial No. _____

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.

Important Safety Instructions

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

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

13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

The following FCC statement applies only to the version of this model manufactured for sale in the U.S.A. Other versions may not comply with FCC technical regulations.

NOTE:

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.

CAUTION

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

Properly shielded and grounded cables and connectors must be used for connection to host computers and/or peripherals in order to meet FCC emission limits.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65.
This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

If you have any questions about this product, contact Sony Customer Information Service Center at 1-800-222-7669 or visit
http://www.sony.com/
on the Internet.

The telephone number below is for FCC-related matters only.

Regulatory Information

Declaration of Conformity

Trade Name: SONY
Model: HCD-MX700Ni
Responsible Party: Sony Electronics Inc.
Address: 16530 Via Esprillo, San Diego, CA 92127 U.S.A.
Telephone Number: 858-942-2230

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For customers in Canada

Properly shielded and grounded cables and connectors must be used for connection to host computers and/or peripherals.

Operation is subject to the following two conditions:
(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

For customers in Europe

Properly shielded and grounded cables and connectors must be used for connection to host computers and/or peripherals.

Notice for customers: the following information is only applicable to equipment sold in countries applying EU directives.

The manufacturer of this product is Sony Corporation, 1-7-1 Konan Minato-ku, Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters, please refer to the addresses given in separate service or guarantee documents.

Hereby, Sony Corp., declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
For details, please access the following URL:
http://www.compliance.sony.de/

CE ①

This product is intended to be used in the following countries:
AT, BE, CH, CZ, DE, DK, ES, FI, FR, GB, GR, HU, IE, IT, NL, NO, PL, PT, RO, SE, SK

For customers who use this product in the following countries:

Norway:

Use of this radio equipment is not allowed in the geographical area within a radius of 20 km from the centre of Ny-Alesund, Svalbard.

France:

The WLAN feature of this Micro HI-FI Component System shall exclusively be used inside buildings. Any use of the WLAN feature of this Micro HI-FI Component System outside of the buildings is prohibited on the French territory. Please make sure that the WLAN feature of this Micro HI-FI Component System is disabled before any use outside of the buildings. (ART Decision 2002-1009 as amended by ART Decision 03-908, relating to radio-frequencies use restrictions).

Italy:

Use of the RLAN network is governed:
– with respect to private use, by the Legislative Decree of 1.8.2003, no. 259 ("Code of Electronic Communications"). In particular Article 104 indicates when the prior obtainment of a general authorization is required and Art. 105 indicates when free use is permitted;
– with respect to the supply to the public of the RLAN access to telecom networks and services, by the Ministerial Decree 28.5.2003, as amended, and Art. 25 (general authorization for electronic communications networks and services) of the Code of electronic communications.

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.

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 the 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.

Before operating this system

About copyright protection

Music data cannot be used without the permission of the copyright holder except when used solely for personal enjoyment.

About the illustrations used in this manual

Illustrations and screens used in this manual may vary from the actual screens.
The European model is basically used for the illustrations in this manual. However, the illustrations of a certain model that may have different features are used in this manual as well, to explain that feature.

How to use this manual

This manual explains how to operate the unit mainly using the buttons on the remote. Buttons on the main unit with the same or similar name as that on the remote can be used to perform the same operations.

About services that can be used in conjunction with an Internet connection

Please note that Internet-based services are subject to change or termination without notice.

Malfunctions that occur during the normal use of the system will be repaired by Sony in accordance with the conditions defined in the limited warranty for this system. However, Sony will not be liable for any consequences arising from a failure to play caused by a damaged or malfunctioning system.

Table of Contents

Getting started

Network connections

Operations

Additional information

Troubleshooting

Precautions/Specifications

Features of this system

Enjoying music from various sources

You can enjoy listening to music from various sound sources with large amounts of music content. The following sound sources are available on this system.

The system — **Music Services via Internet** — **External component** — **Server** — **FM/DAB*** — **iPod/iPhone** — **USB device** — **CD**
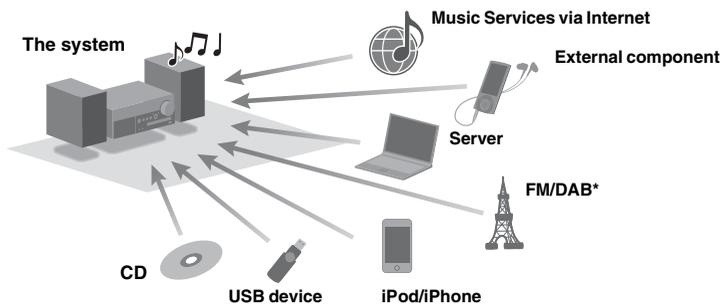
* The DAB function is available for CMT-MX750Ni only.

Using the system with DLNA-compliant devices

This system complies with the DLNA standard. You can listen to music in various ways using the system together with other DLNA-compliant devices. Connecting it to other DLNA devices allows you to enjoy audio content stored on a server, even though they are all placed in different rooms. Furthermore, the PARTY STREAMING function of the system allows you to play back audio content with other devices that have a PARTY STREAMING function* at the same time (page 45). You can use all the functions available on the system as a sound source for the PARTY STREAMING function.

* Available PARTY STREAMING-compliant devices may differ depending on the countries or regions. For details on available devices, contact your nearest Sony dealers.

The system — **Audio streaming/ PARTY STREAMING**
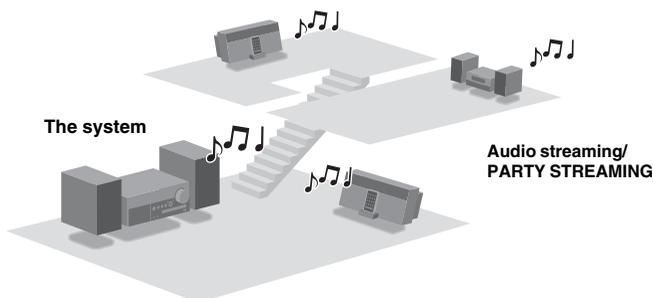
About DLNA

DLNA is an abbreviation for Digital Living Network Alliance. It is the name of an organization that establishes guidelines (DLNA guidelines), and it is also the name of the method that allows devices in a house to share digital content (such as music data, image data, etc.) over a home network.

Checking the supplied accessories

❏ **Remote (1)**
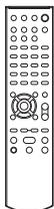
❏ **R6 (size AA) batteries (2)**
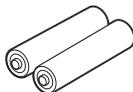
❏ **Speaker cords (2)**

❏ **Speaker pads (8)**

❏ **Dock Adapters for iPhone models (1 set)**

The adapter number is shown on the bottom of Dock Adapter.
For iPod models, use the Dock Adapter supplied with your iPod, or purchase a compatible dock adapter from Apple Inc.

⑫: for iPhone

⑮: for iPhone 3G
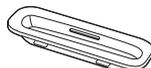
❏ **FM lead antenna (1)***

❏ **DAB lead antenna (1) (CMT-MX750Ni only)***

❏ **Operating Instructions (this manual) (1)**

This manual provides full explanations of the various settings, operations and the network connection procedure.
This manual also contains precautions for the safe use of the system.

❏ **Quick Setup Guide (1)**

This manual explains how to set up the network connection and use the functions that can be used in conjunction with the network connection.

* The shape of the antenna plug may differ from the illustrations depending on the countries and regions.

If you find any accessories missing or damaged, contact your nearest Sony dealer.

Guide to parts and controls

Main unit
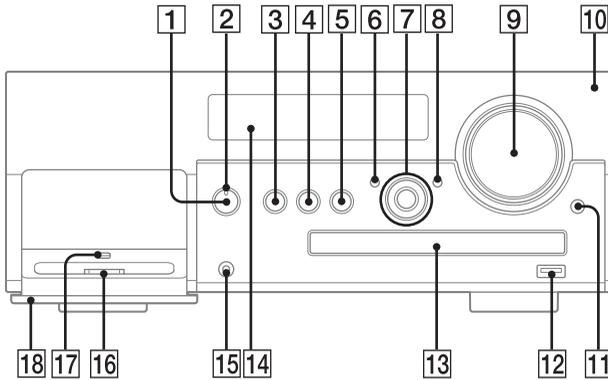
1 **I/⏻ (power) button**
Use to turn the power on or off (page 31).

2 **STANDBY indicator**
The following color indicates the power status of the system.

Color	System status	Network standby
Green	On	On/Off
Amber	Off	On
Red	Off	Off

3 **FUNCTION button**
Use to select a function (pages 29, 31).

4 **►▌▌ (play/pause) button**
Use to start or pause playback.

5 **■ (stop) button**
Use to stop playback.

6 **BACK button**
Use to return to previous display.

7 **TUNE +/– buttons**
Use to tune in the desired station.

◄◄/►►◀ (skip backward/skip forward) buttons
Use to select a track or file.

◄◄/►► (search backward/search forward) buttons
Use to find a point in a track or file.

↑/↓ buttons
Use to select an item that is listed on the display.

▭ (folder) +/– buttons
Use to select a folder (pages 28, 35, 49).

ENTER button
Use to enter a selected item or setting.

8 **OPTIONS button**
Use to display the options menu (page 40). Menu items vary depending on the selected function.

9 **VOLUME control**
Use to adjust the volume.

10 **Remote sensor**

11 **OPEN/CLOSE button**
Use to open or close the disc tray (page 28).

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12 ⟵⟶ (USB) port

Use to connect a compatible USB device (pages 35, 36).

13 **Disc tray**

Use to load a disc (pages 29, 49).

14 **Display window**

For details on the contents of the display, see page 57.

15 **AUDIO IN jack**

Use to connect the audio output jack of an external component (page 47).

16 **iPod/iPhone Dock**

Place an iPod or iPhone into the iPod/iPhone Dock to listen to audio content stored on an iPod/iPhone (pages 33, 34).

17 **Release lever**

Use to unlock the panel so that it can be closed (page 18).

18 **Panel opening (PULL OPEN)**

Pull here to open the panel (pages 18, 33).

Remote
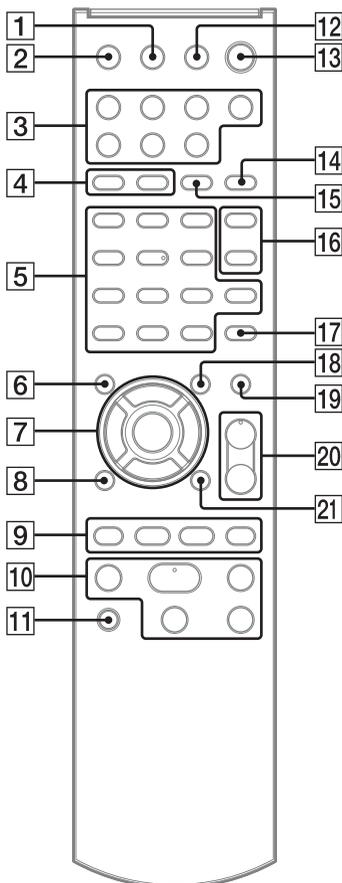
1 **DISPLAY button**

Use to display information such as time information of a track, clock, etc. (pages 21, 31, 41, 43, 57).

Use to encrypt and disclose the security key (page 24).

2 **SLEEP button**

Use to set or confirm the Sleep Timer settings (page 55).

3 **Function Select buttons**

- HOME NETWORK button (pages 23, 25, 26, 27, 40, 51, 52, 53)
- MUSIC SERVICES button (pages 42, 43, 44)
- USB button (pages 35, 49)
- CD button (pages 28, 49)
- TUNER button (pages 30, 32)
- iPod button (page 33)
- AUDIO IN button (page 47)

4 **PLAY MODE button**

Use to select the play mode (pages 28, 35, 41, 49).

REPEAT button

Use to listen to a disc, a USB device, a single track or file repeatedly (pages 28, 35, 41, 48).

E **Numeric/text buttons***
Use to select a station by corresponding number (page 31).
Use to select the desired letter (ABC, DEF, etc.) when entering characters (pages 14, 15, 50).

CLEAR button
Use to erase a letter (page 14).
Use to delete a programmed track or file (page 49).

⟿ (inverse) button
Use to reverse the order of the characters assigned to the numeric/text buttons (page 14).

CHARACTER button
Use to select the character type (page 14).

F **BACK button**
Use to return to the previous display (pages 14, 15, 28, 33, 35, 40, 41, 42, 43, 44).

G **↑/↓ buttons**
Use to select an item that is listed on the display (pages 14, 15).

←/→ buttons
Use to move the focus while entering characters (page 14).
Use to select the previous match or the next match while searching for an item using a keyword (page 50).

ENTER button
Use to enter a selected item or setting (pages 14, 15).

H **iPod MENU button**
Use to display the iPod/iPhone menu on the connected iPod/iPhone (page 33).

I **I◀◀/▶▶I buttons**
Use to cue the beginning of a track (pages 31, 33, 41, 49).
Use to select a track or file (pages 28, 35).

+/– buttons
Use to select a radio station (pages 30, 31).

▭ (folder) +/– buttons
Use to select a folder (pages 28, 35, 49).

J **Operation buttons**
Use in all functions to perform basic operations.
- **II** (pause) button (pages 28, 33, 35, 41)
- **■** (stop) button (pages 28, 30, 35, 41)
- **▶** (play) button* (pages 28, 33, 35, 41, 48, 49)
- **◀◀/▶▶** (search backward/search forward) buttons (pages 28, 33, 35)

K **PARTY button**
Use to operate the PARTY STREAMING function. Hold down the button to start or close a PARTY (pages 45, 46).

L **OPEN/CLOSE button**
Use to open or close the disc tray (page 28).

M **I/⏻ (power) button**
Use to turn the power on or off (pages 20, 56).

N **FM MODE button**
Use to select the FM reception mode (monaural or stereo) (page 31).

O **TUNING MODE button**
Use to select the tuning mode (pages 30, 31).

P **DSGX button**
Use to generate a more dynamic sound (Dynamic Sound Generator X-tra) (page 54).

EQ button
Use to select a sound effect (page 54).

Q **ALPHABET SEARCH button**
Use to search for an item using a keyword (pages 41, 43, 50).

R **OPTIONS button**
Use to display the options menu (pages 15, 23, 25, 26, 27, 32, 35, 40, 41, 43, 51, 52, 53). (Available only when the DAB, USB, Home Network, Music Service function is selected.)

S **MEMORY button**
Use to preset FM stations, DAB/DAB+ stations (CMT-MX750Ni only) (page 31) or music services (page 43).

T **VOLUME +*/– buttons**
Use to adjust the volume (pages 33, 47, 56).

U **TIMER MENU button**
Use to display the timer menu (pages 21, 56).

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* An asterisk (*) indicates buttons that have a tactile dot (number "5" button, VOLUME + button and ▶ (play) button).

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Entering characters

You may need to enter characters during some setup operations such as network settings.
For details on available characters, see "List of input characters" (page 15).

Numeric/text buttons
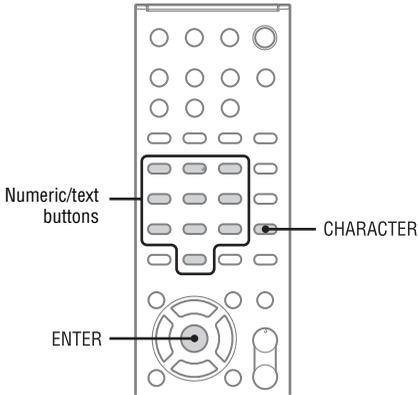
CHARACTER

ENTER

Display example when searching for an item using a keyword:
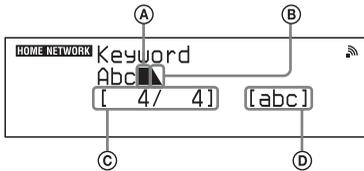
Ⓐ Cursor (current position)
Ⓑ Termination symbol indicates the end of the text string
Ⓒ Current position of the cursor/number of characters you have entered
Ⓓ Character type

1 Press CHARACTER repeatedly to select the desired character type.

Each time you press the button, the character type changes in the sequence "abc" (lowercase letters) → "ABC" (uppercase letters) → "123" (numbers).

2 Press the corresponding numeric/text buttons to select the desired characters.

Press the button (ABC, DEF, etc.) repeatedly until the desired character appears.
If you want to enter punctuation marks (e.g. !, ?) and other symbols (e.g. #, %), select the character type "abc" or "ABC," then press 0 or 1 of the numeric/text button repeatedly.

3 Press ENTER to save the text string.

Other operations

To	Do the following:
Erase a character that was just entered	Press CLEAR.
Reverse the character order assigned to the numeric/text buttons	Press ⬅. For example, pressing the No. 2 button repeatedly normally displays "A," "B," "C" and "2," however, pressing this button changes the order to "2," "C," "B," and "A."
Restore the previous condition	Press BACK.
Move the cursor	Press ←/→ to move the cursor left or right. Press ↑/↓ to move the cursor to the beginning or to the end of the text string.

14GB

List of input characters

The table below shows the characters and numbers that you can enter for each character type ("abc," "ABC," or "123"). You can check the characters, numbers, and symbols that are assigned to each numeric/text button.

Numeric/text button	abc	ABC	123
1	. , ! @ ´ ` : ; ( ) [ ] { } < > 1	. , ! @ ´ ` : ; ( ) [ ] { } < > 1	1
2	a b c 2	A B C 2	2
3	d e f 3	D E F 3	3
4	g h i 4	G H I 4	4
5	j k l 5	J K L 5	5
6	m n o 6	M N O 6	6
7	p q r s 7	P Q R S 7	7
8	t u v 8	T U V 8	8
9	w x y z 9	W X Y Z 9	9
0	/ \ | – ~ = _ + # $ % & ^ " * ? ␣ (space) 0	/ \ | – ~ = _ + # $ % & ^ " * ? ␣ (space) 0	0

Ⓐ Setting name or function name
Ⓑ Item currently being selected
Ⓒ Indicates that there are more levels below the current level

2 Press ENTER.

The selected item is applied or performed. Repeat steps 1 and 2 if the menu or list for the next level appears.

Other operations

To	Do the following:
Scroll the display	Hold down ↑/↓.
Return to previous menu level	Press BACK.
Cancel the menu operation	Press OPTIONS.

Menu/list operation

Items on the menu or list differ depending on the setting item and selected sound source.

↑/↓/ENTER

1 While the options menu or list is displayed, press ↑/↓ to select the desired item.

Preparing the unit, remote and speakers

Connecting the antennas, speaker cords and power cord
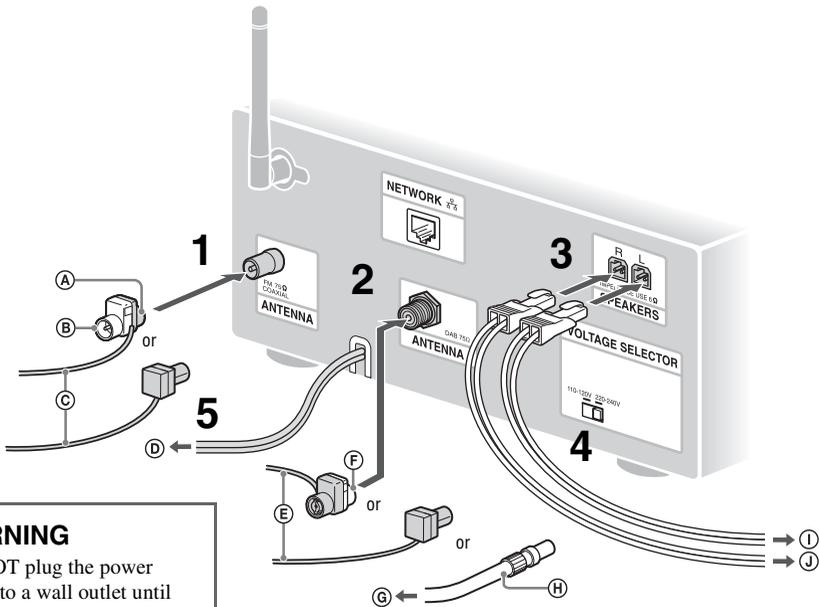
WARNING

DO NOT plug the power cord into a wall outlet until all other connections have been made.

Ⓐ Brown side for other countries/regions
Ⓑ White side for North American model
Ⓒ FM lead antenna (Extend it horizontally.)
Ⓓ To wall outlet
Ⓔ DAB lead antenna (Extend it horizontally.)*

Ⓕ Connect white side.
Ⓖ To DAB external antenna (not supplied)
Ⓗ 75-ohm coaxial cable with F male type connector (not supplied)
Ⓘ To left speaker
Ⓙ To right speaker

* The DAB lead antenna and the DAB antenna terminal are available for CMT-MX750Ni only.

1 Connect the FM lead antenna.

Find a location and an orientation that provide good reception, and set up the antenna. Make sure the antenna is fully extended.
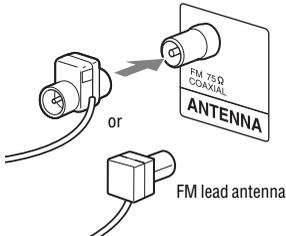
Keep the antenna away from the speaker cords and the power cord to avoid picking up noise.

Use a 75-ohm coaxial cable (not supplied) to connect the unit to an external antenna to improve reception.

2 Connect the DAB lead antenna (CMT-MX750Ni only).

Make sure the antenna is fully extended.
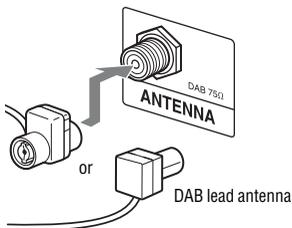
Use a 75-ohm coaxial cable with a male F type connector (not supplied) to connect a DAB external antenna (not supplied) to obtain higher DAB/DAB+ broadcast sound quality.

3 Connect the speaker cords.

Connect the speaker connectors to the SPEAKERS jacks on the unit.
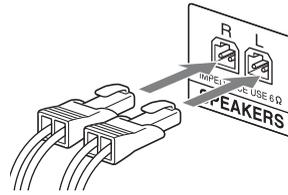
Connect the other end of the speaker cords to the terminals on the speakers.

Insert only the stripped portion of the speaker cords.

Red ⊕
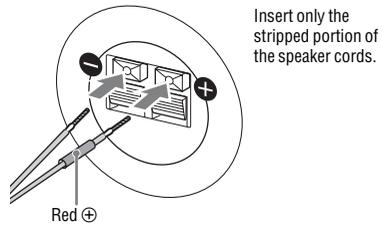
4 Set the VOLTAGE SELECTOR to the local power line voltage (for models with a voltage selector only).

5 Plug the power cord into a wall outlet.

The STANDBY indicator on the unit lights up.

WARNING
DO NOT plug the power cord into a wall outlet until other connections have been made.

When making a wired LAN connection

Connect a network (LAN) cable (not supplied) to NETWORK ⬚. For details, see "Setting up a wired network" (page 26).
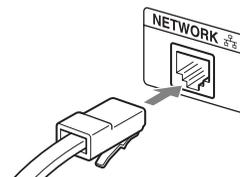
Using the remote

Remove the battery compartment lid, and insert two R6 (size AA) batteries, ⊖ side first, matching the polarities.
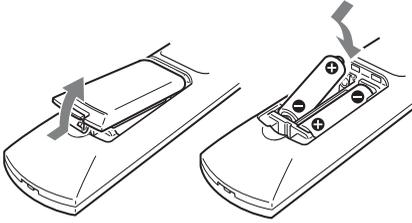
Notes on using the remote

- With normal use, the batteries should last for about six months.
- Do not mix an old battery with a new one or mix different types of batteries.
- If you do not use the remote for a long period of time, remove the batteries to avoid damage from battery leakage and corrosion.

Attaching the speaker pads

Attach the speaker pads to the bottom of the speakers to prevent slipping.
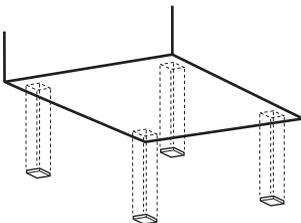
Using an iPod/iPhone

Open the panel where it says "PULL OPEN", and insert a Dock Adapter into the Dock before use. When using an iPod model, use the Dock Adapter supplied with your iPod. When using an iPhone model, use the Dock Adapter supplied with this system.

Dock Adapter

Connector
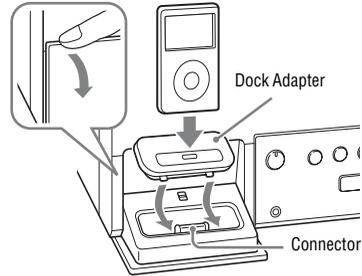
To remove the Dock Adapter

Insert your fingernail or another flat object into the slot in the Dock Adapter, and pull up.

To close the panel

Slide the release lever to the UNLOCK position, then close the panel.

Setting up the wireless LAN antenna

When making a wireless connection, set the wireless antenna on the back of the unit in the upright position.
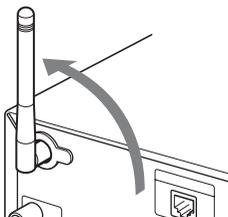
Note on the wireless LAN signal strength indicator

" 🔊 " lights up when the system is turned on and the wireless LAN connection to the access point is established. Check the reception status of the wireless LAN signal. The more segments there are, the stronger the signal.

Making basic settings

When the system is turned on for the first time after purchase, some basic settings are required.

DISPLAY

⦿/⏻

⬆/⬇/ENTER

TIMER MENU

Turning on the system

Press ⦿/⏻ (power).

The system turns on, and the STANDBY indicator turns to green.

To turn off the system

Press ⦿/⏻ (power).
The system is turned off, and the STANDBY indicator lights up in red. When the network standby is set to "On," the STANDBY indicator lights up in amber, and the clock appears in the display.
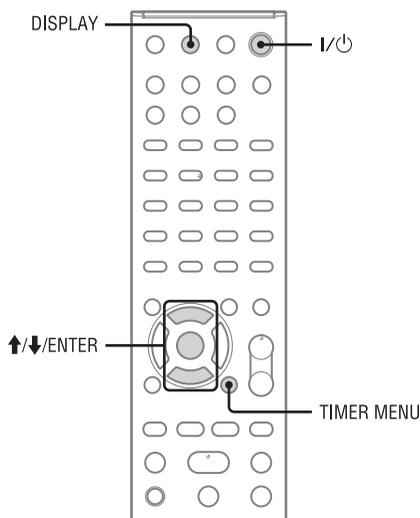
• **Network Standby - "Off" (factory setting)**
This standby mode consumes less power than when network standby is set to "On," though the system takes more time to resume operations when powered on again.

• **Network Standby - "On"**
In this standby mode, the system is connected to the network and remains partially active to quickly resume operations when controlled over the network, or powered on again. To set the network standby mode, see "Setting the network standby mode" (page 51).

Receiving a DAB/DAB+ radio station (CMT-MX750Ni only)

When you turn on the system for the first time after you purchase the system, DAB Initial Scan starts automatically, and a list of available services is stored.
Do not press any button on the unit or the remote during the DAB Initial Scan. If you do so, scanning will be interrupted and the service list may not be properly created.
To start the DAB Initial Scan manually, perform the procedure of "Performing a DAB Initial Scan manually" (page 32).

Setting the clock

The time on the clock must be set correctly for the timer function.

1 Press ⦿/⏻ (power) to turn on the system.

2 Press TIMER MENU to select the clock set mode.

If "PLAY SET?" flashes, press ↑/↓ repeatedly to select "CLOCK SET?," then press ENTER.

3 Press ↑/↓ repeatedly to set the hour, then press ENTER.

4 Use the same procedure to set the minutes.

To display the clock

Press DISPLAY while the system is off.
The clock is displayed for about 8 seconds.

Notes

- If "Network Standby" is set to "On" and the system is turned off, the clock display appears.
- The clock settings are lost if you unplug the power cord or if a power failure occurs.

Turning off the demonstration display

A demonstration display appears on the display after plugging in the power cord even if the system is not turned on.

Press DISPLAY once while the system is off.

The demonstration display turns off.

To turn on the demonstration display

Press DISPLAY while the system is off.

Note

The demonstration display is available only when "Network Standby" is set to "Off" (page 51).

Turning off the automatic standby function

This system is equipped with an automatic standby function. The system enters standby mode automatically after about 30 minutes if there is no operation or audio signal output.
By default, the automatic standby function is turned on.
Use the buttons on the unit to turn off the automatic standby function.

Hold down I/$\circlearrowleft$ while the system is on until "AUTO STANDBY OFF" appears.

To turn on the function

Repeat the procedure until "AUTO STANDBY ON" appears.

Notes

- "AUTO STANDBY" appears on the display for 2 minutes before the system enters standby mode.
- The automatic standby function is invalid for the tuner (FM/DAB) function, even if you have enabled it.
- The system may not enter standby mode automatically in the following cases:
  - when an audio signal is detected.
  - during playback of audio tracks or files.
  - when a preset Play Timer or Sleep Timer is on.

Connecting the system to your home network

This section explains how to connect the system to your home network. You can connect the system to the network either through a wireless or a wired LAN. Check your connection method using the chart below. Please make sure to read "Checking the wireless LAN environment of your home network" (page 23) in advance when connecting the system through a wireless LAN. For details on which connection method your wireless LAN router/access point supports, refer to the operating manual of your wireless LAN router/access point.

Which connection do you want to use, wireless or wired, to connect the system to your home network?

Wireless

Wired

Do you have a wireless LAN router/access point?

Do you have a router or a modem with a router function?

Yes

No

Yes

No

Are you going to use the WPS*¹ setting to connect the system to your home network?

You need a wireless LAN router/access point.

You need a router.

Yes

No

Which connection method do you intend to use, the WPS push button configuration method or the WPS PIN code method?

Push button configuration method

PIN code method

Use the WPS push button configuration method (page 25).

Use the WPS PIN code method (page 26).

Use the access point search method (page 23).

*²

Use the manual setup method (page 25).*²

Use the wired connection method (page 26).

*¹ WPS (Wi-Fi Protected Setup) is a standard created by the Wi-Fi Alliance allowing you to setup a wireless network easily and securely.
*² Use the manual setup method if you cannot find the desired access point using the access point scan method.

What the system can do when connected to a network

- The system can play audio content stored on a server (a computer, etc.) on your home network (page 37).
- The system can play music services via the Internet (page 42).

Checking the wireless LAN environment of your home network
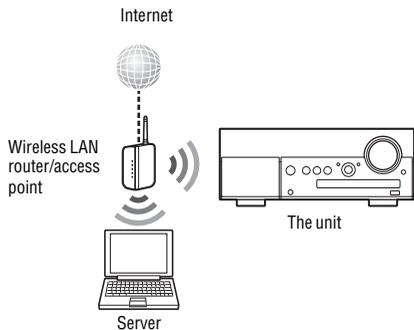
Internet

Wireless LAN router/access point

The unit

Server

You need the following environment to use the Home Network, Music Service, and PARTY STREAMING functions. Confirm your environment in advance.

❏ **A wireless LAN home network environment must be available. (Make sure that a wireless LAN router is used.)**
❏ **A device that can be used as a server (a computer, etc.) must be connected to your wireless LAN home network*.**
❏ **Internet access must be available. (When you want to listen to music services.)**

* For details on servers that are compatible with this system, see page 37.

There are several connecting methods you can use to set up a wireless network: searching for an access point, using a WPS connecting method (either the push-button method or the PIN code method), or manual setting. Select the connection method that can be used for your home network using the chart on page 22.

Notes

- Make sure not to use the wireless LAN function where medical equipment (such as a pacemaker) is used or where the use of wireless communication is prohibited.
- Before connecting to your home network, you need to prepare a wireless LAN router/access point. For details, refer to the operating manual supplied with the device.

- Depending on your home network environment, the wireless LAN router/access point may have been set up such that it cannot be connected using WPS, even though it is compatible with WPS. For details on whether your wireless LAN router/access point is compatible or not compatible with WPS, and on the setup of a WPS connection, refer to the operating manual supplied with your wireless LAN router/access point.
- You may encounter setup difficulties if the system and the wireless LAN router/access point are located too far from each other. If you do, move the devices closer to each other.

Searching for an access point and setting up a wireless network (access point scan method)

You can set up a wireless network by searching for an access point. To set up the network using this connection method, you will be required to select or enter the following information. Check the following information in advance, and record it in the space provided below.

❏ **The network name (SSID*[1]) that identifies your network*[2]. (This will be needed in step 6.)**

:

❏ **If your wireless home network is secured by encryption, the security key (WEP key, WPA/WPA2 key) for your network*[2]. (This will be needed in step 7.)**

:

*[1] SSID (Service Set Identifier) is a name that identifies a particular access point.
*[2] This information should be available from a label on your wireless LAN router/access point, from the operating manual, from the person who set up your wireless network, or from the information provided by your Internet service provider.

For details on menu operations and entering characters during setup, see "Menu/list operation" (page 15) and "Entering characters" (page 14).

1 Press HOME NETWORK to select the Home Network function.

If the network setting display appears, go to step 4.
If the network setting display does not appear, press OPTIONS.

2 Press ↑/↓ to select "Network," then press ENTER.

3 Press ↑/↓ to select "Settings," then press ENTER.

4 Press ↑/↓ to select "Wireless LAN Settings," then press ENTER.

If "Change Setting?" appears, select "OK," then press ENTER.

5 Press ↑/↓ to select "Access Point Scan," then press ENTER.

The system starts searching for access points, and displays a list of up to 20 available network name (SSID).

6 Press ↑/↓ to select the desired network name (SSID), then press ENTER.

The security setting display appears.

7 Enter the security key (WEP key, WPA/WPA2 key), then press ENTER.

By default, the security key appears as "*****." Press DISPLAY repeatedly to encrypt and disclose the security key.
The IP setting display appears.

8 On the IP setting, press ↑/↓ to select "Auto," then press ENTER.

The proxy setting display appears.

When using a fixed IP address
Select "Manual" in step 8, then press ENTER. The IP address input display appears.
Enter the values for "IP Address," "Subnet Mask," "Default Gateway," "Primary DNS" and "Secondary DNS." When you press ENTER after entering the value for "Secondary DNS," the proxy setting display appears.

9 On the proxy setting, press ↑/↓ to select "Do Not Use," then press ENTER.

The confirmation display appears.

When using a proxy server
Select "Use" in step 9, then press ENTER. The proxy address input display appears.
Set the values for "Proxy Address" and "Port Number." When you press ENTER after setting the value for "Port Number," the confirmation display appears.

10 Press ↑/↓ to select "OK," then press ENTER.

"Complete!" appears after the network settings are complete, and "⌇" lights up on the display. To return to the options menu, press ENTER.
(Depending on the network environment, the network settings may take some time.)

11 Perform the server settings.

To listen to audio content stored on the server, you need to set up your server (page 37).

Tip
When checking the network settings, press OPTIONS, then select "Network" – "Information" – the desired setting item on the menu.

Note
If your network has not been secured by encryption (using the security key), the security setting display does not appear in step 7.

If you cannot find the desired network name (SSID) (manual setup method)

You can input the desired network name (SSID) manually if it does not appear on the list.

1 Select "Manual Registration" in step 5 of "Searching for an access point and setting up a wireless network (access point scan method)" (page 23).

2 Press ↑/↓ to select "Direct Input," then press ENTER.

3 Enter the network name (SSID), then press ENTER.

4 Press ↑/↓ to select the desired security setting, then press ENTER.

5 Follow steps 7 to 11 of "Searching for an access point and setting up a wireless network (access point scan method)" (page 23).

Setting up a wireless network using an access point compliant with WPS

You can easily set up a wireless network using an access point compliant with WPS. The WPS setting can be made using either the push-button configuration method or the PIN (Personal Identification Number) code method.

What is WPS (Wi-Fi Protected Setup)?

WPS is a standard created by the Wi-Fi Alliance allowing you to setup a wireless network easily and securely.

Setting up a wireless network using the WPS push button configuration method

You can easily set up a WPS wireless connection with one push of the designated button.

1 Press HOME NETWORK to select the Home Network function.

If the network setting display does not appear, press OPTIONS.

2 Press ↑/↓ to select "Network," then press ENTER.

3 Press ↑/↓ to select "Settings," then press ENTER.

4 Press ↑/↓ to select "Wireless LAN Settings," then press ENTER.

If "Change Setting?" appears, select "OK," then press ENTER.

5 Press ↑/↓ to select "WPS Push," then press ENTER.

6 Follow the on-screen directions, and press the WPS button on the access point.

Message: Push WPS button on access point within 2 minutes

WPS button on the wireless LAN router/access point

"Complete!" appears after the network settings are complete, and "⌇" lights up on the display. To return to the options menu, press ENTER.
(Depending on the network environment, the network settings may take some time.)

7 Perform the server settings.

To listen to audio content stored on the server, you need to set up your server (page 37).

Tip
When checking the network settings, press OPTIONS, then select "Network" – "Information" – the desired setting item on the menu.

## Setting up a wireless network using the WPS PIN code method

If the access point supports the WPS PIN (Personal Identification Number) code connection, you can set up a WPS wireless connection by entering the system's PIN code into the wireless LAN router/access point.

1 Press HOME NETWORK to select the Home Network function.

If the network setting display does not appear, press OPTIONS.

2 Press ↑/↓ to select "Network," then press ENTER.

3 Press ↑/↓ to select "Settings," then press ENTER.

4 Press ↑/↓ to select "Wireless LAN Settings," then press ENTER.

5 Press ↑/↓ to select "Manual Registration," then press ENTER.

6 Press ↑/↓ to select "WPS PIN," then press ENTER.

The available SSID (access point) list appears.

7 Press ↑/↓ to select the desired network name (SSID), then press ENTER.

The PIN code (8 digits) of the system appears. Leave the PIN code displayed until the connection is complete. (A different PIN code is displayed each time you perform this operation.)

8 Input the system PIN code into the wireless LAN router/access point.

The system starts the network settings. "Complete!" appears after the network settings are complete, and " 🔊 " lights up on the display. To return to the options menu, press ENTER.
(Depending on the network environment, the network settings may take some time.)

9 Perform the server settings.

To listen to audio content stored on the server, you need to set up your server (page 37).

Tips

- When checking the network settings, press OPTIONS, then select "Network" – "Information" – the desired setting item on the menu.
- For details on entering the PIN code into the wireless LAN router/access point, refer to the operating manual supplied with the wireless LAN router/access point.

Setting up a wired network
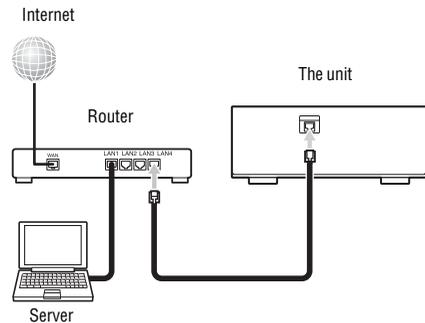
You need the following environment to use the Home Network, Music Service, and PARTY STREAMING functions. Confirm your environment in advance.

❏ **A wired LAN home network environment must be available. (Make sure that a router is used.)**

❏ **A device that can be used as a server (a computer, etc.) must be connected to your wired LAN home network*.**

❏ **Internet access must be available. (When listening to music services.)**

* For details on servers which are compatible with this system, see page 37.

Be sure to use a network (LAN) cable with a ferrite core (not supplied) or a shielded network cable (not supplied) for a wired connection.
For details on menu operations and entering characters during setup, see "Menu/list operation" (page 15) and "Entering characters" (page 14).

1 Connect the system to a device that is connected to the server.

The unit

Router, hub, etc.

LAN1 LAN2 LAN3 LAN4

To the NETWORK port

Server

Network (LAN) cable
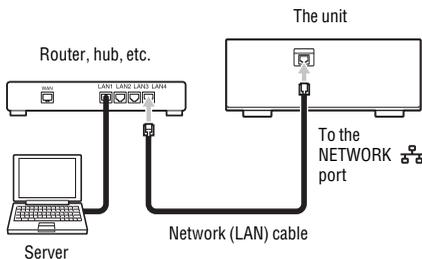
The connection configuration depends on the environment of your home network.

- When the server (a computer, etc.) is connected to a router or a hub:
  - → If an unused port is available on the router or on the hub, connect the system to that port.
  - → If an unused port is not available on the router, add a hub and connect the server and the system to the hub.
- When a router is not used*:
  - → Add a router and connect the server device and the system to the router.

* For example, when a server (a computer, etc.) is connected directly to a modem that does not have a router function.

2 Press HOME NETWORK to select the Home Network function.

If the network setting display does not appear, press OPTIONS.

3 Press ↑/↓ to select "Network," then press ENTER.

4 Press ↑/↓ to select "Settings," then press ENTER.

5 Press ↑/↓ to select "Wired LAN Settings," then press ENTER.

The IP setting display appears. If "Change Setting?" appears, select "OK," then press ENTER.

6 On the IP setting, press ↑/↓ to select "Auto," then press ENTER.

The proxy setting display appears.

When using a fixed IP address

Select "Manual" in step 6, then press ENTER. The IP address input display appears. Enter the values for "IP Address," "Subnet Mask," "Default Gateway," "Primary DNS" and "Secondary DNS." When you press ENTER after entering the value for "Secondary DNS," the proxy setting display appears.

7 On the proxy setting, press ↑/↓ to select "Do Not Use," then press ENTER.

The confirmation display appears.

When using a proxy server

Select "Use" in step 7, then press ENTER. The proxy address input display appears. Enter the values for "Proxy Address" and "Port Number." When you press ENTER after entering the value for "Port Number," the confirmation display appears.

8 Press ↑/↓ to select "OK," then press ENTER.

"Complete!" appears after the network settings are complete, and then press ENTER. The display returns to the options menu. (Depending on the network environment, the network settings may take some time.)

9 Perform the server settings.

To listen to audio content stored on the server, you need to set up your server (page 37).

Tip

When checking the network settings, press OPTIONS, then select "Network" – "Information" – the desired setting item on the menu.

Playing a CD/MP3 disc

You can play audio CDs and CD-R/RW discs recorded with MP3 audio tracks. See "On playable discs" for details (page 67).

OPEN/CLOSE

CD

▶
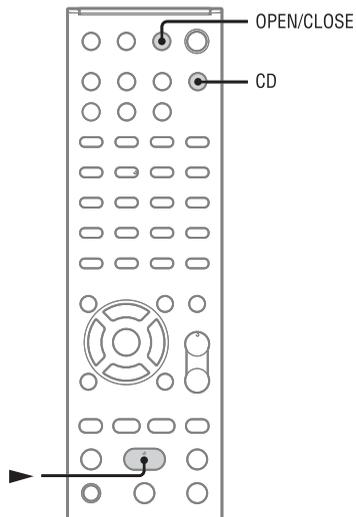
1 Press CD to select the CD function.

2 Load a disc.

Press OPEN/CLOSE to open the tray, place a disc on the tray (label side up), and press OPEN/CLOSE to close the tray.

3 Press ▶ to start playback.

Other operations

To	Do the following:
Pause playback	Press ❚❚ (pause). To resume play, press ❚❚ again.
Stop playback	Press ■ (stop).
Select a folder on an MP3 disc	Press 🗀 (folder) +/– repeatedly.
Select a track or file	Press ◀◀ (skip backward)/▶▶❙ (skip forward).
Search a folder and file on a MP3 disc	Press BACK during playback, press ↑/↓ to select the desired folder, then press ENTER. Press ↑/↓ to select the desired file, then press ENTER.
Find a point in a track or file	Hold down ◀◀ (search backward)/▶▶ (search forward) during playback, and release at the desired point.
Select Repeat Play	Press REPEAT repeatedly until "REP" or "REP1" lights up (page 48).
Select Shuffle Play or Program Play	While playback is stopped, press PLAY MODE repeatedly until the desired play mode ("SHUF," "PGM," etc.) lights up (page 48).

Notes on playing MP3 discs

- Do not save other types of tracks or files, or unnecessary folders on a disc that contains MP3 files.
- Folders that contain no MP3 files are skipped.
- MP3 files are played back in the order that they are recorded onto the disc.
- The system can only play MP3 files that have a file extension of ".mp3".
- Even when file name has the ".mp3" file extension, if the actual file differs, playing this file may generate a loud noise that could damage the speaker system and cause the system to malfunction.
- The maximum number of:
  - folders is 255 (including the root folder).
  - MP3 files is 511.
  - MP3 files and folders that can be contained on a single disc is 512.
  - folder levels (the tree structure of files) is 8.
- Compatibility with all MP3 encoding/writing software, recording device, and recording media cannot be guaranteed. Incompatible MP3 discs may produce noise or interrupted audio or may not play at all.

To protect the CD mechanism

When carrying this system, remove the disc to prevent the CD mechanism and the disc being damaged. Use the buttons on the unit.

1 Open the disc tray and remove the disc.

2 Press FUNCTION repeatedly to select the CD function.

3 While holding down OPTIONS, hold down I/$\circlearrowleft$ until "STANDBY" appears.

4 After "LOCK" appears, unplug the power cord.

Operations

29^{GB}

Listening to the radio

You can tune in FM stations or DAB/DAB+ stations (CMT-MX750Ni only). Presetting stations in advance allows you to recall them by number. Note that the reception of RDS services is only available for European models and the DAB/DAB+ tuning is only available for CMT-MX750Ni.

TUNER

TUNING MODE

OPTIONS
MEMORY

↑/↓/ENTER

+/–

■
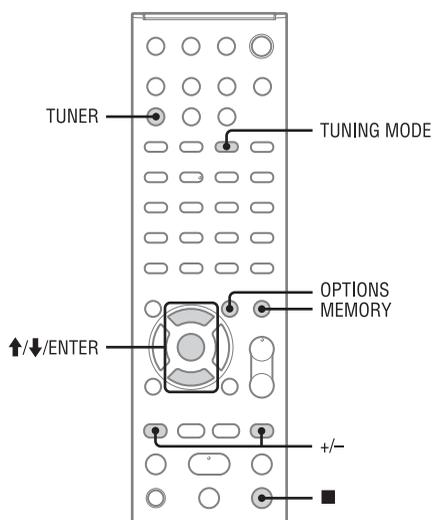
Tuning in a radio station

Before tuning in DAB/DAB+ stations, make sure that the DAB Initial Scan has been performed and a service component list has been stored on the system.

1 Press TUNER repeatedly to select "FM" or "DAB."

2 Perform tuning.

For automatic tuning:
Press TUNING MODE repeatedly until "AUTO" lights up, then press +/–. Scanning stops automatically when a station is tuned in, and "TUNED" and "ST"(for stereo programs only) light up on the display. If "TUNED" does not light up and scanning for an FM station does not stop, press ■ to stop scanning, then perform manual tuning.

For manual tuning (FM band only):
Press TUNING MODE repeatedly until "AUTO" and "PRESET" go out, then press +/– repeatedly to tune in the desired station.

For preset tuning:
Press TUNING MODE repeatedly until "PRESET" lights up, then press +/– repeatedly to select the desired preset number. For details on presetting stations, see "Presetting radio stations" (page 31).

```
FM
       87.50MHz


 AUTO      ST    TUNED
```
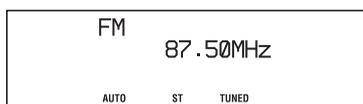
When you tune in an FM station that provides RDS services or a DAB/DAB+ station, the service name or station name appears on the display.

To reduce static noise on a weak FM stereo station

Press FM MODE repeatedly until "MONO" lights up to turn off stereo reception.

Tip

For better broadcast reception, try changing the direction or location of the antenna. For example, position the antenna near or outside a window. If the reception does not improve, try connecting an external antenna (not supplied). Keep the antenna away from the power cord to avoid picking up noise.

Notes

- When tuning in a DAB/DAB+ station, it may take a few seconds before you hear any sound.
- When tuning in a DAB/DAB+ station, primary service is automatically received when secondary service ends.

Other operations

To	Do the following:
View information such as the frequency of the current station	Press DISPLAY repeatedly.
Select different stations	Press ◄◄ /►►◄ repeatedly to select the desired station.
	Press the corresponding numeric button on the remote to select the preset number of the desired station.

To improve tuner reception

Turn off the CD player power by using the system's power management function. By default, the CD player power is turned on. Use the buttons on the unit to turn off the CD player power.

1 Press FUNCTION repeatedly to select the CD function.

2 Press I/⏻ to turn off the system.

3 Wait until "STANDBY" stops flashing.

The clock display appears. If the clock display does not appear, press DISPLAY.

4 Press I/⏻ while holding down 🗀 + until "CD POWER OFF" appears.

With the CD player power turned off, access time is increased. To turn on the CD player power, repeat the procedure until "CD POWER ON" appears.

Presetting radio stations

By presetting radio stations, you can easily reselect them using the corresponding preset number. You can preset up to 20 FM stations and 20 DAB/DAB+ stations.

1 Tune in the desired station.

2 Press MEMORY.

The preset number currently being selected flashes.

```
FM
          87.50MHz
Memory 1
   AUTO      ST      TUNED
```

3 Press ↑/↓ to select the desired preset number.

If another station is already assigned to the selected preset number, that station is replaced by the new station.

4 Press ENTER.

"Complete!" appears, and the station is preset.

To select a preset radio station

Press TUNING MODE repeatedly until "PRESET" appears, then press +/– repeatedly to select the desired preset number.

Tip

During DAB/DAB+ reception, secondary services can also be preset.

Note on presetting DAB/DAB+ stations

You can preset a DAB/DAB+ service only when it can be received.

Operations

31^{GB}

Performing a DAB Initial Scan manually

When you turn on the system for the first time after purchase, the DAB Initial Scan starts to automatically store available DAB/DAB+ service information. When you have moved to another area, perform the DAB Initial Scan manually to update the DAB/DAB+ service information.

1 Press TUNER repeatedly to select the DAB function.

2 Press OPTIONS.

"Initial Scan? Push ENTER" appears.

3 Press ENTER.

The DAB Initial Scan starts, and available DAB/DAB+ service information is stored.

Notes

- Depending on the DAB/DAB+ services available in your area, scanning may take a few minutes.
- All preset stations that have been stored on the system are cleared when you perform a DAB Initial Scan or when scanning is canceled.
- Before unplugging the DAB lead antenna, make sure the system is turned off to preserve your own DAB/DAB+ settings.

Listening to an iPod or iPhone

You can operate your iPod/iPhone using the remote and listen to music and other audio content stored on your iPod/iPhone. See "iPod/iPhone models compatible with this system" (page 71) for iPod/iPhone models that can be connected to this system.

iPod —

► —
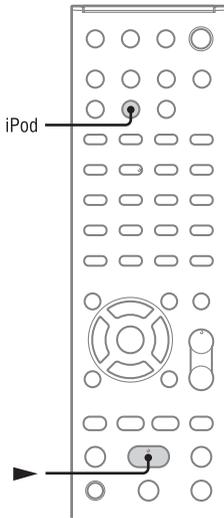
1 Open the panel where it says "PULL OPEN," then place the iPod or iPhone in the iPod/iPhone Dock.
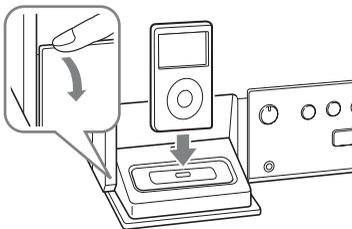
2 Press iPod to select the iPod & iPhone function.

3 Press ► to start playback.

Other operations

To	Do the following:
Pause playback	Press ❚❚ (pause). Press ❚❚ or ► to resume playback.
Scroll up/down the iPod/iPhone menus	Hold down ↑/↓. You can scroll up or down the iPod/iPhone menus much like as the Click Wheel operations or the drag up or down operations of the iPod/iPhone.
Choose the selected item	Press ENTER. You can choose the selected item much like as with the center button or the touch operation of the iPod/iPhone.
Find the beginning of the previous/next track	Press ◄◄/►►❙.
Find a point in a track or chapter of an audiobook/podcast	Hold down ◄◄/►► during playback, and release the button at the desired point.
Return to the previous menu or reselect a menu while playing	Press BACK or iPod MENU. You can return to the previous menu or reselect a menu much like as when using the Menu button or the touch operation of the iPod/iPhone.
Adjust the volume	Press VOLUME +/–.

To use the system as a battery charger

You can use the system as a battery charger for the iPod/iPhone when the system is on.
Charging begins when the iPod/iPhone is placed on the iPod/iPhone connector. The charge status appears on the iPod/iPhone display. For details, see the operating manual supplied with your iPod/iPhone.

To stop charging the iPod/iPhone

Remove the iPod/iPhone from the iPod/iPhone Dock on the unit. Turning off the system also stops charging the iPod/iPhone.

Notes

- When placing or removing the iPod/iPhone, handle the iPod/iPhone at the same angle as that of the iPod/iPhone connector on the unit; to prevent connector damage, do not twist or sway the iPod/iPhone.
- Do not carry the unit with an iPod/iPhone set on the connector. Doing so may cause a malfunction.
- When placing or removing the iPod/iPhone, brace the unit with one hand and take care not to press the controls of the iPod/iPhone by mistake.
- Before disconnecting the iPod/iPhone, pause playback.
- Hold down ◄◄/►►I to search forward or backward while playing a video if ◄◄/►► does not function.
- Because the operation of the system and the iPod/iPhone are different, you may not operate the iPod/iPhone using buttons on the remote or unit. In this case, use control buttons on the iPod/iPhone.
- When the iPhone is connected to the system and you receive a call during playback, playback will pause and you can take the incoming call.
- To change the volume level, press VOLUME +/– on the remote. The volume level will not change when adjusted on the iPod/iPhone.
- The iPod/iPhone Dock on the unit is designed for iPod/iPhone only. You cannot connect any other portable audio players.
- To use an iPod/iPhone, refer to the operating manual supplied with your iPod/iPhone.
- Sony cannot accept responsibility in the event that data recorded on the iPod/iPhone is lost or damaged when using an iPod/iPhone with this unit.

Playing a file on a USB device

The audio format that can be played back on this system is MP3*/WMA*/AAC*.

* On this system, files with DRM (Digital Rights Management) copyright protection cannot be played back, and files downloaded from an online music store may not be played back.

Check the websites below for information about compatible USB devices.
For customers in the USA:
> **http://www.esupport.sony.com/**

For customers in Canada:
[English]
> **http://www.sony.ca/ElectronicsSupport/**

[French]
> **http://fr.sony.ca/ElectronicsSupport/**

For customers in Europe:
> **http://support.sony-europe.com/**

For customers in Latin America:
> **http://esupport.sony.com/LA**

For customers in Brazil:
> **http://esupport.sony.com/BR**

For customers in Asia and Oceania:
> **http://www.sony-asia.com/support**

USB
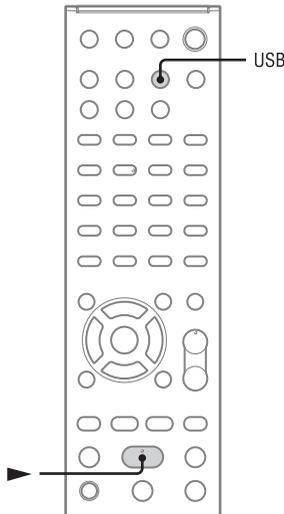
1 Press USB to select the USB function.

2 Connect the USB device to the ⟋ (USB) port.

3 Press ▶ (play) to start playback.

Other operations

To	Do the following:
Pause playback	Press II (pause). To resume play, press II again.
Stop playback	Press ■ (stop). To resume play, press ▶ (play)*[1]. To cancel resume play, press ■ again.
Select a folder	Press ⌂ (folder) +/– repeatedly.
Select a file	Press ◄◄/►►I.
Search a folder and file	Press BACK during playback, press ↑/↓ to select the desired folder, then press ENTER. Press ↑/↓ to select the desired file, then press ENTER.
Find a point in a file	Hold down ◄◄/►► during playback, and release at the desired point.
Select a memory on the USB device*[2]	Press OPTIONS, then press ENTER. Press ↑/↓ repeatedly to select the desired memory number, then press ENTER.
Select Repeat Play	Press REPEAT repeatedly until "REP" or "REP1" lights up (page 48).
Select Shuffle Play or Program Play	While playback is stopped, press PLAY MODE repeatedly until the desired play mode ("SHUF," "PGM," etc.) lights up (page 48).

To	Do the following:
Remove the USB device	Hold down ■ (stop) on the unit until "No Device" appears, then disconnect the USB device.

*¹ When playing a VBR MP3/WMA file, the system may resume playback from a different point.
*² You cannot select a memory during playback. Make sure to select a memory before starting playback.

Notes

- When USB cable connection is necessary, connect the USB cable supplied with the USB device to be connected. See the operating manual supplied with the USB device to be connected for details on the operation method.
- It may take about 10 seconds before "Reading" appears depending on the type of USB device connected.
- Do not connect the system and the USB device through a USB hub.
- When the USB device is connected, the system reads all the files on the USB device. If there are many folders or files on the USB device, it may take a long time to finish reading the USB device.
- With some connected USB devices, after an operation is performed, there may be a delay before it is performed by this system.
- Compatibility with all encoding/writing software cannot be guaranteed. If audio files on the USB device were originally encoded with incompatible software, those files may produce noise or interrupted audio, or may not play at all.
- This system cannot play audio files on the USB device in the following cases:
  - when the number of audio files in a folder exceeds 999.
  - when the total number of audio files on a USB device exceeds 999.
  - when the number of folders on a USB device exceeds 999 (including the "ROOT" folder and empty folders).
  These numbers may vary depending on the file and folder structure.
  Do not save other types of files or unnecessary folders on a USB device that has audio files.
- The system can play back to a depth of 8 folders only.
- This system does not necessarily support all the functions provided in a connected USB device.
- Resume play is canceled when you turn off the system.
- Folders that have no audio files are skipped.
- The audio formats that you can listen to with this system are as follows:
  - MP3: file extension ".mp3"
  - WMA: file extension ".wma"
  - AAC: file extension ".m4a"
  Note that even when the file name has the correct file extension, if the actual file differs, the system may produce noise or may malfunction.

To use the system as a battery charger

You can use the system as a battery charger for USB devices that have a rechargeable function when the system is on. The charging begins when the USB device is connected to the ⬸ (USB) port. The charge status appears in the USB device display. For details, see the operating manual supplied with your USB device.

Listening to audio content stored on a server

This system can play audio content that is stored on a server device (such as a computer) that supports DLNA (Digital Living Network Alliance) standards.
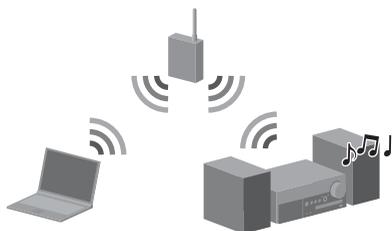
To listen to audio content stored on a server

- **First connect the system to your home network.**
  → See "Connecting the system to your home network" (page 22).
- **When you have connected the system to the network, set up the server.**
  → See "Setting up the server" (page 37).

About DLNA

DLNA is an abbreviation for Digital Living Network Alliance. It is the name of an organization that establishes guidelines (DLNA guidelines), and it is also the name of the method that allows devices in a house to share digital content (such as music data, image data, etc.) over a home network.

Setting up the server

To listen to audio content stored on your server with this system, you need to set up the server in advance. The following server devices are compatible with this system.

- Sony VAIO Media plus 1.3, 1.4, 2.0, and 2.1
- Sony HDD Network Audio System NAS-S500HDE*, NAS-S55HDE*
- Sony Network AV receiver STR-DA6400ES*, TA-DA5600ES*
- Microsoft Windows Media Player 12 installed on Windows 7 (page 37)
- Microsoft Windows Media Player 11 installed on Windows Vista/Windows XP (page 39)

* Not available in some countries or regions.

If the server has a function that limits access from other devices, you must change the setting on the server to allow the system to access it.
This section explains how to set up Windows Media Player when using it as a server.
For details on the settings of other server devices, refer to the operating manuals or help of the respective devices or applications.

Note

The items displayed on the computer may be different from the ones shown below, depending on the version of the operating system or the computer environment. For details, refer to Help for your operating system.

■ When using Windows 7

This section explains how to set up manufacturer-installed Windows Media Player 12 for Windows 7.
For details on how to operate Windows Media Player 12, refer to Help for Windows Media Player 12.

1 Go to [Start] – [Control Panel].

2 Select [View network status and tasks] under [Network and Internet].
The [Network and Sharing Center] window appears.

Tip

If the desired item does not appear on the display, try to change the display type of the Control Panel.

3 Select [Public network] under [View your active networks].
If the display shows other than [Public Network], go to step 6.
The [Set Network Location] window appears.
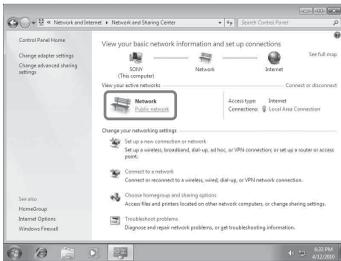
4 Select [Home network] or [Work network] according to the environment in which the system is used.

5 Follow the instructions that appear on the display according to the environment in which the system is used.

When the settings are completed, confirm that the item under [View your active networks] is changed to [Home network] or [Work network] in the [Network and Sharing Center] window.

6 Select [Change advanced sharing settings].
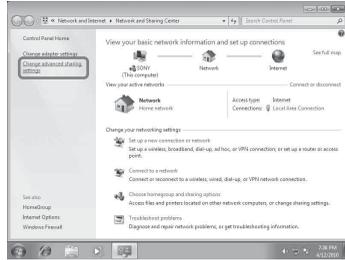
7 Select [Choose media streaming options…] from [Media streaming].
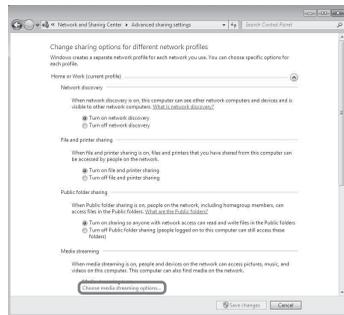
8 If [Media streaming is not turned on] appears in the [Media streaming options] window, select [Turn on media streaming].

9 Select [Allow all].
The [Allow All Media Devices] window opens. If all the devices in the local network are set to [Allowed], select [OK] and close the window.

10 Select [Allow all computers and media devices].

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11 Select [OK] to close the window.

12 Refresh the server list.

After you finish setting up Windows Media Player 12, refresh the server list of the system and select this server from the server list. For details on selecting a server, see "To refresh the server list" (page 40).

■ **When using Windows Vista/XP**

This section explains how to set up Windows Media Player 11 installed on Windows Vista/XP*. For details on how to operate Windows Media Player 11, refer to Help for Windows Media Player 11.

* Windows Media Player 11 is not manufacturer-installed on Windows XP. Access the Microsoft website, download the installer, and then install Windows Media Player 11 on your computer.

1 Go to [Start] – [All Programs].

2 Select [Windows Media Player].

Windows Media Player 11 starts up.

3 Select [Media Sharing…] from the [Library] menu.

If you are using Windows XP, go to step 9.

4 When ⚠ is displayed, select [Networking…].

The [Network and Sharing Center] window appears.

5 Select [Customize].

The [Set Network Location] window appears.

6 Check [Private] and select [Next].

7 Confirm that [Location type] is changed to [Private], and select [Close].

8 Confirm that [(Private network)] is displayed in the [Network and Sharing Center] window, and close the window.

9 If [Share my media] in the [Media Sharing] window that is displayed in step 3 is not checked, check [Share my media], then select [OK].

A list of connectable devices is displayed.

10 Select [Settings…] that appears beside [Share my media to:].

Operations

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11 Check [Allow new devices and computers automatically] and select [OK].

Note

Uncheck this item after you confirm that the system can be connected to the server and play audio content stored on the server.

12 Refresh the server list.

After you finish setting up Windows Media Player 11, refresh the server list of the system and select this server from the server list. For details on selecting a server, see "To refresh the server list" (page 40).

To refresh the server list

When you add a new server to the home network, or when you cannot find the desired server on the list, refresh the server list.

1 While the server list is displayed, press OPTIONS.

2 Press ↑/↓ to select "Refresh," then press ENTER.

The refreshed server list appears.

Tip

The system keeps a history of the last five connected servers and these servers appear at the top of the server list. Up to 20 servers can be displayed in a server list.

To delete a server from the server list

1 While the server list is displayed, press ↑/↓ to select the server you want to delete, then press OPTIONS.

The options menu appears.

2 Press ↑/↓ to select "Delete," then press ENTER.

The confirmation display appears.

3 Press ↑/↓ to select "OK," then press ENTER.

"Complete!" appears, and the selected server is deleted.

Note

Even if you delete the server from the server list, the server will appear in the list again if the system finds it on the network (such as when you refresh the server list).

Playing audio content stored on a server

The system can play audio content stored on the server in MP3, Linear PCM, WMA and AAC* formats. Audio content with DRM (Digital Rights Management) copyright protection cannot be played back on this system. For how to check the copyright protection of a WMA file, see page 63.

* The system can play AAC files with the extension of ".m4a," ".mp4," or ".3gp" only.

HOME NETWORK

OPTIONS

↑/↓/ENTER
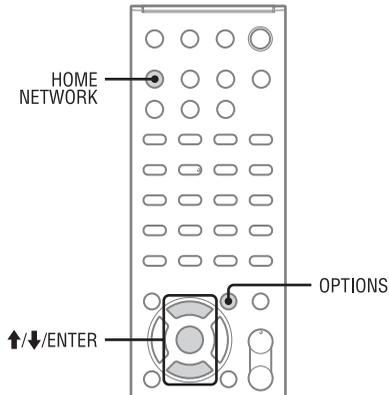
1 Press HOME NETWORK to select the Home Network function.

If the last selected item (playlist, album, folder, etc.) appears, press BACK repeatedly until the server list appears.

When "No Server" appears, or when the server on the list is not available, press OPTIONS. Select "Refresh," then press ENTER. The refreshed server list appears.

2 Press ↑/↓ to select the desired server, then press ENTER.

Note

If the server device supports the Wake-on-LAN standard, the system turns the server on automatically. If the server does not support the Wake-on-LAN standard, turn on the server in advance. For details on settings or operations of Wake-on-LAN of your server, refer to the operating manual or help of your server.

3 Press ↑/↓ to select the desired item (playlist, album, folder, etc.), then press ENTER.

If another item appears, repeat step 3 to narrow down the choices until the desired item appears. The items that are displayed depend on the connected server.
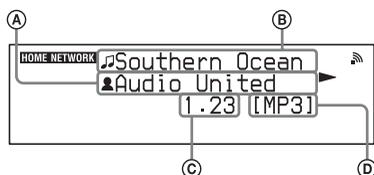
4 Press ↑/↓ to select the desired track, then press ENTER.

Playback starts.
Make sure that sound is being output from the speakers of the system.

```
Ⓐ                              Ⓑ
HOME NETWORK ♪Southern Ocean   ⤢
             ♟Audio United       ▶
                    1.23 [MP3]
             Ⓒ                  Ⓓ
```

Ⓐ Artist name
Ⓑ Track name
Ⓒ Elapsed time
Ⓓ Codec

Tips

- If you select a folder (such as an artist folder, genre folder, etc.), then press the ▶ button, the system plays all items in the selected folder.
- The system resumes from the last selected item when the function is changed to Home Network function, until the system is turned off. When "Network Standby" is set to "On," play resumes from the last selected item, even if you turned off the system.

Notes

- Tracks that the system cannot play appear on the display as well. You cannot sort a list of playable tracks.
- "!" appears at the top of a track name that cannot be played on the system, and is skipped during playback.
- Play is not resumed from the last selected item if you unplug the power cord from the wall outlet.
- The system may take time to display items when browsing a folder that contains a large amount of audio content. In this case, use the Keyword Search (page 50).

Other operations

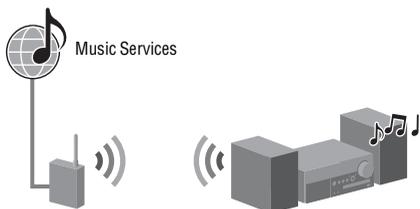| To	Do the following:
Pause playback*	Press ‖ (pause) during playback. Press ▶ (play) to resume playback.
Stop playback	Press ■ (stop).
Go to the beginning of the current track, previous track, or next track	Press ⏮/⏭ repeatedly.
Reselect the item you want to play	Press BACK repeatedly until the desired directory appears. Or press OPTIONS, select "Server List," and then select the desired item. To return to the playback display, press OPTIONS and select "Now Playing."
Search the desired item using a keyword	While selecting the contents in the server, press ALPHABET SEARCH, then enter a keyword (page 50).
Change the server	While playback is stopped, press OPTIONS. Select "Server List," then press ENTER. Select the desired server, then press ENTER.
Select Repeat Play	Press REPEAT repeatedly until "REP" or "REP1" lights up (page 48).
Select Shuffle Play	While playback is stopped, press PLAY MODE repeatedly until the desired play mode ("SHUF," etc.) lights up (page 48).
View the available information	Press DISPLAY repeatedly to view the artist name, album name, elapsed time, the clock, etc.

* Depending on the server or track, pause playback may not work when the Home Network function is selected.

Operations

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Listening to music services

You can listen to music services offered on the Internet with this system (Music Service function). To use this function, the system must be connected to the network and the network must be connected to the Internet. For details on setting up the network, see "Connecting the system to your home network" (page 22).
Visit the website below for more information on the Music Services:
http://www.sony.net/audio/musicservices

Music Services

Note

Before using music services, you may have to register your system depending on the service provider. For details on registration, visit the customer support site of the service provider.

MUSIC
SERVICES

BACK

↑/↓/ENTER

MEMORY
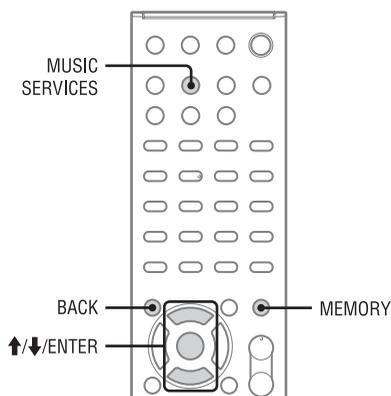
The following steps explain how to select "vTuner" as an example of music services offered on the Internet.

1 Press MUSIC SERVICES to select the Music Service function.

The service provider list appears. If the system automatically displays the last selected service or station, press BACK repeatedly until the service provider list appears.

2 Press ↑/↓ to select "vTuner", then press ENTER.

3 Press ↑/↓ to select the desired folder or station, then press ENTER.

- Press ↑/↓ to select the item.
- Press ENTER to go to the next directory, or to listen to the station.
- Press BACK to go to the previous directory.

Tip

The system displays the last selected service or station when the function is changed to Music Service function, until the system is turned off. When "Network Standby" is set to "On," the last selected service or station is displayed even if you turned off the system.

Note

If "No Service" appears and you cannot obtain a service provider list, press OPTIONS and select "Refresh."

Other operations

To	Do the following:
Change the station or service	Press BACK to return to the service provider list, then select the service again. To return to the playback display again, press OPTIONS then select "Now Playing."
Use various functions while the system is selecting or playing a station or service	Press OPTIONS. The item displayed may vary according to the selected item or directory.
Select the service options	While selecting or playing the contents in the service, press OPTIONS. Select "Service Options," then press ENTER. The contents of the service option vary depending on the selected service.
Search the desired item using a keyword	While selecting contents in the service, press ALPHABET SEARCH, then enter a keyword (page 50).
View the available information	Press DISPLAY repeatedly to view the artist name, album name, the clock, etc.
Display the network menu	While selecting or playing the service contents, press OPTIONS. Select "Network," then press ENTER.

Presetting stations

By presetting desired stations, you can easily reselect them using the corresponding preset number. You can preset up to 20 stations.

1 Select the desired station.

2 During reception, press MEMORY.
The preset memory list appears.

3 Press ↑/↓ to select a preset number, then press ENTER.

4 Repeat steps 1 through 3 to preset other stations.

To listen to the preset station

1 Press MUSIC SERVICES to select the Music Service function.
The service provider list appears. If the system automatically displays the last selected station, press BACK repeatedly until the service provider list appears.

2 Press ↑/↓ to select "Preset," then press ENTER.
"Preset" appears at the top of the service provider list.

3 Press ↑/↓ to select the desired preset station, then press ENTER.

Tip
Use the numeric buttons to select the preset station. Press the numeric button that corresponds to the preset number, then press ENTER to select the preset station directly.

Note
There may be some stations that cannot be preset, depending on the service providers. If you try to preset such a station, "Not Available" appears on the display.

Operations

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Enjoying a variety of music services

You can enjoy listening to the content of a variety of music services offered on the Internet.
Visit the website below for more information on music services, how to enjoy services, and the registration code of the system.
http://www.sony.net/audio/musicservices

Checking the registration code

You may be required to enter the registration code of the system when you enjoy a new music service.

1 Press MUSIC SERVICES to select the Music Service function.

The service provider list appears. If the system automatically displays the last selected service or station, press BACK repeatedly until the service provider list appears.

2 Press ↑/↓ to select "Registration Code," then press ENTER.

The registration code of the system appears.

Using the PARTY STREAMING function

Audio contents currently being played back on this system can be also played back on all devices corresponding to the PARTY STREAMING function on your home network at the same time. While PARTY streaming, a device called a "PARTY host" starts a PARTY and streams music, and a device called a "PARTY guest" joins a PARTY and receives music from the "PARTY host."
Before using the PARTY STREAMING function, make sure that "PARTY STREAMING" is set to "On" (page 53).
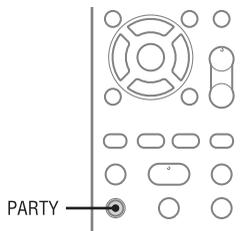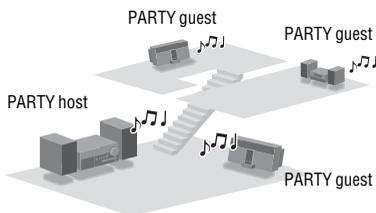
You can enjoy the PARTY STREAMING function with other devices* that have this PARTY STREAMING logo shown below.

PARTY
STREAMING

* Available PARTY STREAMING-compliant devices may differ depending on the countries or regions. For details on available devices, contact your nearest Sony dealers.

Starting a PARTY

You can start a PARTY so that other devices that support the PARTY STREAMING function can play the same music even though they are in different rooms.

1 Make sure the PARTY guest devices are turned on and ready to join a PARTY.

2 Play the desired sound source.
Audio content of all the sound sources (FM, DAB (CMT-MX750Ni only), CD, USB, iPod/iPhone, AUDIO IN, Home Network and Music Service functions) on this system can be streamed.

3 Hold down PARTY until "START PARTY" appears.
The system starts PARTY streaming as a PARTY host.

To close a PARTY
Hold down PARTY until "CLOSE PARTY" appears.

Operations

Joining a PARTY

The system can join a PARTY that has been started by another device so that you can enjoy the same audio content being played in a different room.

While the PARTY host device is having a PARTY, press PARTY.

"JOIN PARTY" appears, and the system joins the PARTY as a PARTY guest.

To leave a PARTY

Press PARTY.
"LEAVE PARTY" appears, and the system leaves a PARTY.

Tip

If "Network Standby" is set to "On," the system turns on and joins the PARTY automatically when the PARTY host device starts the PARTY.

Notes

• You cannot join a PARTY in the following cases:
    – you have a PARTY on this system.
    – you have already joined another PARTY.
• If you press PARTY when no PARTY is started, but a device complying with PARTY STREAMING function is playing, the device will be the PARTY host, and the system will join the PARTY as a PARTY guest.
• The PARTY guest device function automatically switches to HOME NETWORK when the device joins a PARTY. Even if the PARTY guest device leaves the PARTY, the function remains as HOME NETWORK.

PARTY STREAMING in a wireless LAN environment

With some IEEE802.11n-compatible wireless LAN routers/access points, the wireless LAN transfer speed may slow down when "WEP" or "WPA/WPA2-PSK (TKIP)" is selected for the encryption method.
If the sound skips during streaming playback using the PARTY STREAMING function, try changing the encryption method to "WPA/WPA2-PSK (AES)." This may improve the transfer speed and the streaming playback. Configurations of encryption vary depending on the model; please refer to the operating instructions supplied with your router/access point.
You can also obtain support information about wireless LAN settings on the following websites.
For customers in the USA, Canada, and Europe:
http://www.sony.net/audio/netsettings
For customers in Latin America:
http://esupport.sony.com/LA
For customers in Brazil:
http://esupport.sony.com/BR
For customers in Asia and Oceania:
http://www.sony-asia.com/support

Listening to audio material from an external component

You can listen to the playback audio from an external component (such as a portable music player, etc.) connected to the AUDIO IN jack on the unit.

Use an audio connecting cable (not supplied) to connect the AUDIO IN jack on the unit and the audio output jack on the external component. Make sure the audio connecting cable (not supplied) is firmly inserted into both jacks. If not, noise may be generated in the audio output.

1 Press VOLUME – to turn down the volume on this system.

2 Connect an external component and the unit using an audio connecting cable (not supplied).

AUDIO IN jack
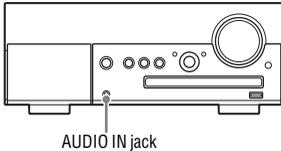
3 Press AUDIO IN to select the AUDIO IN function.

4 Start playback of the connected component, and adjust its volume.

Playback audio is output from the speakers of this system. For details on the operation of the connected component, refer to the operating manual supplied with the connected component.

Notes

- Lower the volume on this system using VOLUME – before disconnecting the external component.
- The system may enter standby mode automatically if the volume level of the connected component is too low. Adjust the component's volume accordingly. See "Turning off the automatic standby function" (page 21).

Playing in various modes

You can listen to tracks in random order (Shuffle Play), in programmed order (Program Play) or one track repeatedly (Repeat Play).

Play modes

Available play modes differ depending on the selected audio source.

```
                                          ⌐▢
         9  74.59      ⌐▢ REP 1
   ▢CD                 SHUF PGM
```
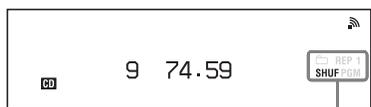
Play mode indicator

Display item	Description
None (Normal)	The system plays all tracks or files in sequential order.
▢ (folder)*[1]	The system plays all tracks or files in the folder currently selected.
SHUF (Shuffle)*[2]*[3]	The system plays the tracks or files in random order.
▢ SHUF (Folder Shuffle)*[1]*[3]*[4]	The system plays the tracks or files in the folder currently selected in random order.
PGM (Program)*[1]	The system plays the tracks or files in programed order. For details on creating a program, see "Creating your own program" (page 49).
REP (Repeat)*[5]	The system plays all tracks or files repeatedly.
REP1 (Repeat 1)	The system plays the currently selected track or file repeatedly until you stop playback.

*[1] Only available when the CD or USB function is selected.
*[2] When the Home Network function is selected, same tracks or files may be played back in random order.

*[3] When you turn off the system, the selected Shuffle Play mode ("SHUF" or "▢ SHUF") is cleared and the play mode returns to normal play mode.
*[4] When playing a CD-DA (audio) disc, ▢ SHUF (Folder Shuffle) Play performs the same operation as SHUF (Shuffle) Play.
*[5] When the CD function is selected, all tracks or files are played repeatedly up to five times.

Playing repeatedly

1 Press REPEAT repeatedly to select the desired Repeat Play mode.

The repeat play mode changes as follows:
Normal → "REP" → "REP1" → Normal

2 Press ►.

Playback starts in the selected play mode.

To cancel the Repeat Play

Press REPEAT repeatedly to select normal play mode.

Playing in random order or programmed order

1 While playback is stopped, press PLAY MODE repeatedly to select the desired play mode.

The play mode changes as follows:
Normal → "▢" → "SHUF" →
"▢ SHUF" → "PGM" → Normal

2 Press ▶.

Playback starts in the selected play mode.

To cancel Shuffle or Program Play mode
While playback is stopped, press PLAY MODE repeatedly to select normal play mode.

Creating your own program

You can program up to 25 tracks or files.
Note that only the CD function and USB function are available for creating a program.

1 Press CD or USB to select the CD or USB function.

2 While playback is stopped, press PLAY MODE repeatedly until "PGM" lights up.

The program display appears.

3 Press ⏮/⏭ repeatedly to select the desired track or file number.

When programming audio files, press ▢ +/– repeatedly to select the desired folder, and then select the desired file.

```
 CD              2    9.59              PGM

                 Ⓐ     Ⓑ
```
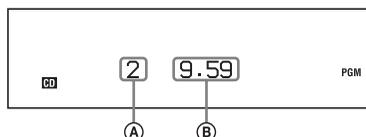
Ⓐ Selected track or file number
Ⓑ Total playing time of the selected track or file

4 Press ENTER to add the track or file to the program.

5 Repeat steps 3 and 4 to add other tracks or files.

6 Press ▶ to start Program Play.

The program remains available until you open the disc tray or remove the USB device. To play the same program again, press ▶.

To cancel Program Play
While playback is stopped, press PLAY MODE repeatedly until "PGM" goes out.

To delete the last track or file of the program
While playback is stopped, press CLEAR.

Operations

49GB

Searching for an item using a keyword

When a list is displayed (such as an artist list, a track list, etc.), you can enter a keyword to search for a desired item.
Note that search by keywords is available only when the Home Network function or Music Service function is selected.

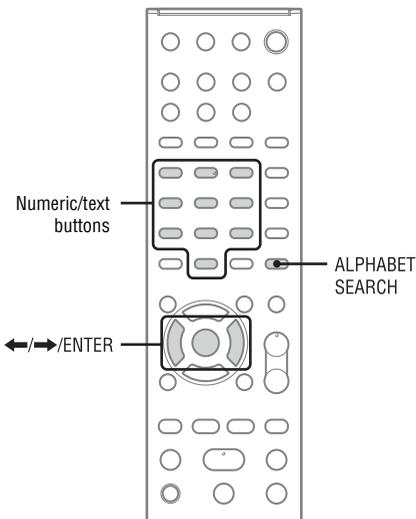Numeric/text buttons

ALPHABET SEARCH

←/→/ENTER

1 While an item list (artist list, track list, etc.) is displayed, press ALPHABET SEARCH.

The keyword input display appears.

2 Enter a keyword.

Use the numeric/text buttons to enter a keyword. A keyword can be up to 15 charcters long. For details on entering characters, see "Entering characters" (page 14).

Note

Enter a keyword that will match the letters or a word at the beginning of the name or title of the item you want to search for. When the system searches for an item, "The" at the beginning of a name and the following space will be ignored.
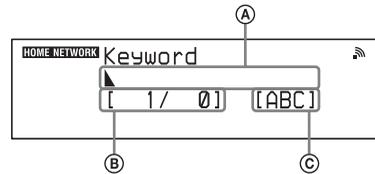
Ⓐ Entry field
Ⓑ Current location of the cursor/Number of characters you have entered
Ⓒ Character type

3 Press ENTER to finish entering a keyword.

An item that matches the keyword appears.
If the item displayed is not the one you are searching for, press ←/→ to display the previous/next item.
Press ALPHABET SEARCH again to return to the keyword input display.

4 When you find the desired item, press ENTER.

Repeat steps 1 through 3 to narrow down the choices until the desired track appears.

5 Press ↑/↓ to select the desired track, then press ENTER.

Playback starts.

Setting functions related to network operations

HOME
NETWORK
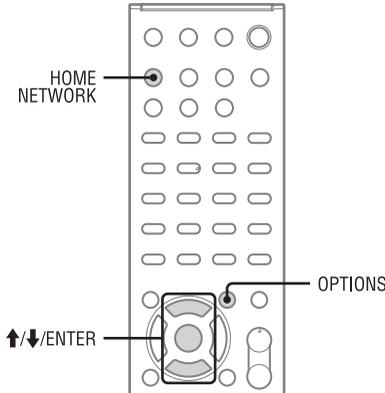
↑/↓/ENTER

OPTIONS

Checking the network settings

You can check the current status of the network settings.

1 Press HOME NETWORK, then press OPTIONS.

2 Press ↑/↓ to select "Network," then press ENTER.

3 Press ↑/↓ to select "Information," then press ENTER.

4 Press ↑/↓ to select the setting item to check, then press ENTER.

The current setting appears.

You can check the following settings*.

Connection	DNS Settings
SSID	Primary DNS
Security Setting	Secondary DNS
IP Settings	Proxy Settings
IP Address	Proxy Address
Subnet Mask	Port Number
Default Gateway	MAC Address

* The setting items during setup differ depending on the network environment and connection method.

Setting the network standby mode

While the "Network Standby" mode is set to "On," the system can always be connected and controlled over the network.

1 Press HOME NETWORK, then press OPTIONS.

2 Press ↑/↓ to select "Network Standby," then press ENTER.

3 Press ↑/↓ to select "Off" or "On," then press ENTER.

Display item	Description
Off*	The system consumes less power than when the network standby is set to "On," though the system takes more time to resume operations when powered on again. The STANDBY indicator lights up in red.
On	The system is connected to the network even though the power of the system is turned off, and resumes operations when controlled over the network. The STANDBY indicator lights up in amber.

* Factory setting

Setting the auto access permission

You can set access restriction or permission for the devices on the device list.

1 Press HOME NETWORK, then press OPTIONS.

2 Press ↑/↓ to select "Access Settings," then press ENTER.

3 Press ↑/↓ to select "Auto Access," then press ENTER.

4 Press ↑/↓ to select "Allow" or "Not Allow," then press ENTER.

Display item	Description
Allow*	All the devices on the home network are permitted to access this system. This system can start a PARTY as a host device and join a PARTY as a guest device if requested.
Not Allow	The system restricts a new device that is accessing the system. When connecting a new device to the home network, add the device to the device list, and set access permission (page 52).

* Factory setting

Note
Up to 20 devices can be added to the device list. If 20 devices have already been registered, "Device Full" appears, and a new device cannot be added to the list. In this case, delete unnecessary devices from the lists (page 40).

To add devices to the device list

1 Press HOME NETWORK, then press OPTIONS.

2 Press ↑/↓ to select "Access Settings," then press ENTER.

3 Press ↑/↓ to select "Control Device," then press ENTER.
The device list appears.

4 Press ↓ repeatedly to select "Add Device," then press ENTER.

5 Press ↑/↓ to select the desired device, then press ENTER.
The selected device is added to the device list. For details on setting the access permission, see "To set access permission for the devices" (page 53).

To set access permission for the devices

You can set access permission for a device on the device list. Only devices set to "Allow" are recognized on the home network.

1 Press HOME NETWORK, then press OPTIONS.

2 Press ↑/↓ to select "Access Settings," then press ENTER.

3 Press ↑/↓ to select "Control Device," then press ENTER.
The registered device list appears.

4 Press ↑/↓ to select the desired device, then press ENTER.

5 Press ↑/↓ to select "Access," then press ENTER.

6 Press ↑/↓ to select "Allow" or "Not Allow," then press ENTER.

To delete a device from the list

Select "Delete" in step 5, then press ENTER. Select "OK" on the confirmation display, then press ENTER.

Setting the PARTY STREAMING function

You can set the system to use the PARTY STREAMING function.

1 Press HOME NETWORK, then press OPTIONS.

2 Press ↑/↓ to select "PARTY STREAMING," then press ENTER.

3 Press ↑/↓ to select "On" or "Off," then press ENTER.

Display item	Description
On*	The system can be detected by other devices on the home network. The system can start or close a PARTY, and join or leave a PARTY.
Off	The system can be detected by other devices on the home network. However, the system cannot start or close a PARTY, and cannot join or leave a PARTY.

* Factory setting

Renaming the unit

You can change the unit name to be easily recognizable by other devices on the home network.

1 Press HOME NETWORK, then press OPTIONS.

2 Press ↑/↓ to select "Device Name," then press ENTER.

3 Press ENTER to select the current unit name.

4 Rename the unit, then press ENTER.
A device name can be up to 30 characters long.
For details on entering characters, see "Entering characters" (page 14).

Changing the sound settings

DSGX

EQ

⬆/⬇
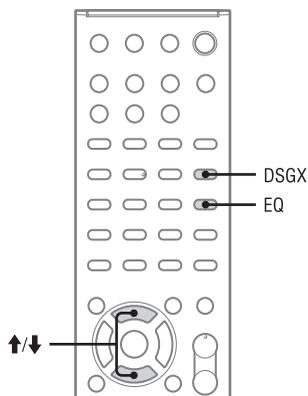
Adjusting the bass and treble

You can adjust the bass and treble to your preferences.

1 Press EQ repeatedly to select "BASS" or "TREBLE."

2 Press ⬆/⬇ to adjust the level.

The setting display disappears when no operation is performed for 4 seconds.

Generating a more dynamic sound (Dynamic Sound Generator X-tra)

You can reinforce the bass and the treble to create a more powerful sound. This function is factory set to "ON."

Press DSGX to select "ON."

The DSGX function turns on.

To cancel the DSGX function

Press DSGX to select "OFF."

Using the timers

The system offers two timer functions. If you use both timers, the Sleep Timer has priority.

SLEEP

I/(1)

⬆/⬇/ENTER

TIMER MENU
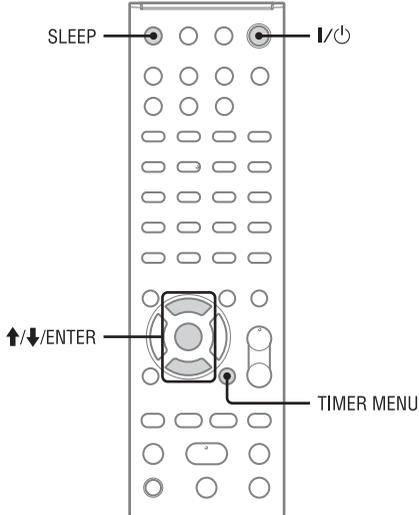
Using the Sleep Timer

You can set the timer so that the system enters standby mode automatically after a certain period of time (Sleep Timer function). This function works even if the clock is not set.

1 Play the desired sound source.

2 Press SLEEP repeatedly.

After the selected time elapses, the system turns off automatically. If you select "AUTO," the system turns off automatically after the current disc or USB device stops, or within 100 minutes.

Note

If you perform the following operations before the Sleep Timer goes off, the Sleep Timer resets.

– Unplug the power cord.
– Turn off the system.
– Reset the system to the factory settings.

Additional information

55GB

Using the Play Timer

You can set the Play Timer to start playing a CD, USB, iPod/iPhone, or to tune in an FM station or DAB/DAB+ station (CMT-MX750Ni only) at a specified time (Play Timer function). Make sure that the time on the clock is set correctly.

1 Prepare the sound source.

Select the sound source, and then press VOLUME +/– to adjust the volume.
To start from a specific CD track or audio file, create your own program.

2 Press TIMER MENU.

3 Press ↑/↓ repeatedly to select "PLAY SET?," then press ENTER.

The setting display for "ON TIME" appears.

4 Set the time to start playback.

① Press ↑/↓ repeatedly to set the hour, then press ENTER.
The cursor moves to the minute position.

② Press ↑/↓ repeatedly to set the minute, then press ENTER.
The setting display for "OFF TIME" appears.

5 Set the time to stop playback.

Repeat step 4 to set the hour and minute to stop playback.

6 Press ↑/↓ repeatedly to select the desired sound source to play, then press ENTER.

7 Press I/⏻ to turn off the system.

Tip
The Play Timer setting remains until you cancel the timer manually.

Notes
- The Play Timer setting is erased if you unplug the power cord from the wall outlet.
- If the system is already turned on at the preset time, the Play Timer will not be activated. Do not operate the system from the time the system turns on until the playback starts.
- The ending time for the Play Timer cannot be the same as the starting time.

Notes for the iPod/iPhone user
- Make sure the iPod/iPhone is not playing when using the Play Timer.
- The Play Timer may not be activated depending on the status of the connected iPod/iPhone.

To check the setting

1 Press TIMER MENU.

2 Press ↑/↓ repeatedly to select "TIMER SELECT?," then press ENTER.

3 Press ↑/↓ repeatedly to select "PLAY SELECT?," then press ENTER.
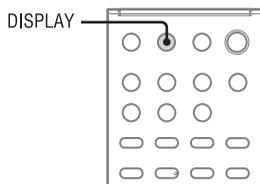
To cancel the timer

Repeat the same procedure as above until "TIMER OFF?" appears in step 3, then press ENTER.

To change the setting

Start over from step 1.

Changing the display settings

You can change the information on the display and the display mode.

DISPLAY ——

The setting procedures for changing the display mode and information differ depending on whether the unit is turned on or off.

To	Do the following:
Change the information on display[*1]	Press DISPLAY repeatedly when the system is on.
Change Display mode	Press DISPLAY repeatedly when the system is off[*2].

The system offers the following display modes. When the network standby mode is on, you cannot change the display mode. Set "Network Standby" to "Off" (page 51).

Display mode	When the system is off[*2]
Demonstration	The demonstration is turned on.
Power Saving Mode[*3]	The display is turned off to conserve power. The timer and clock continue to operate.
Clock[*4]	The clock is displayed.

[*1] For example, you can view CD/MP3 disc information or the USB device information, such as:
- track or file number during normal play.
- track or file name (" ") during normal play.
- artist name (" ") during normal play.
- album name (" ") or folder name (" ") during normal play.
- total playing time and total number of tracks on the CD-DA disc (only when normal play mode is selected and playback is stopped).

- total number of folders (albums) on the MP3 disc or the USB device (only when normal play mode is selected and playback is stopped).
- volume label if it exists on the MP3 disc or the USB device (only when normal play mode is selected and the player or USB device is stopped).

You can also view DAB/DAB+ station information (CMT-MX750Ni only) such as the service name, channel label, preset number, frequency, DLS (Dynamic Label Segment), or ensemble label.
You can also view music service information such as the service name, station name (" "), artist name (" "), track name (" "), album name (" "), elapsed playing time and next track information.

[*2] The STANDBY indicator on the unit lights up when the system is off.
[*3] You cannot set the clock in Power Saving Mode.
[*4] The clock display automatically turns to Power Saving Mode after 8 seconds.

Notes on the display information

- Characters that cannot be displayed appear as "_".
- The following are not displayed:
  - total playing time for an MP3 disc and a USB device.
  - remaining playing time for an MP3 file.
- The following are not displayed correctly:
  - elapsed playing time of an MP3 file encoded using VBR (variable bit rate).
  - folder and file names that do not follow either the ISO9660 Level 1, Level 2 or Joliet in the expansion format.
- The following are displayed:
  - remaining playing time for a track.
  - ID3 tag information for MP3 files when ID3 version 1 and version 2 tags are used (ID3 version 2 tag information display has priority when both ID3 version 1 and version 2 tags are used for a single MP3 file).

Note on the DAB/DAB+ display information (CMT-MX750Ni only)

The following is also displayed:
- up to 8 characters of service name, up to 128 characters of DLS (Dynamic Label Segment) and up to 16 characters of ensemble label.

Additional information

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Troubleshooting

If a problem occurs while operating the system, follow the steps described below before consulting your nearest Sony dealer. If an error message and an error code (Cxxx) appear, be sure to make a note of the contents for reference.

1 Check to see if the problem is listed in this "Troubleshooting" section.

2 Check the following customer support websites.

For customers in the USA:
http://www.esupport.sony.com/
For customers in Canada:
[English]
http://www.sony.ca/ElectronicsSupport/
[French]
http://fr.sony.ca/ElectronicsSupport/
For customers in Europe:
http://support.sony-europe.com/
For customers in Latin America:
http://esupport.sony.com/LA
For customers in Brazil:
http://esupport.sony.com/BR
For customers in Asia and Oceania:
http://www.sony-asia.com/support

You will find the latest support information and a FAQ at these websites.

3 If, after steps 1 and 2, you still cannot solve the problem, consult your nearest Sony dealer.

If the problem persists after doing all of the above, consult your nearest Sony dealer. When bringing the product in for repairs, be sure to bring in the entire system (main unit, remote, and speakers).
This product is a system product, and the entire system is needed to determine the section requiring repair.

If the STANDBY indicator flashes red

Immediately unplug the power cord, and check the following items.
- Are the + and – speaker cords short-circuited?
- Is anything blocking the ventilation holes on the top or back of the main unit?
- Is the iPod/iPhone connector short-circuited?

After the STANDBY indicator stops flashing, plug the power cord again, and turn on the system. If the issue persists, contact your nearest Sony dealer.

General

The demonstration appears on the display after plugging in the power cord even though the system is not turned on.

➡ Press DISPLAY once while the system is off. The demonstration disappears.

The system does not turn on.

➡ Is the power cord plugged in?

The system has entered standby mode unexpectedly.

➡ This is not a malfunction. The system enters standby mode automatically in about 30 minutes if there is no operation or audio signal output. See "Turning off the automatic standby function" (page 21).

The clock setting or the Play Timer operation has been canceled unexpectedly.

➡ If about a minute elapses with no operation, the clock setting or Play Timer setting is cancelled automatically. Perform the operation again from the beginning.

There is no sound.

→ Are the + and – speaker cords short-circuited?

→ Are you using only the supplied speakers?

→ Is anything blocking the ventilation holes of the system?

→ The specified station may have temporarily stopped broadcasting.

Sound comes from only one channel, or the left and right volumes are not balanced.

→ Place the speakers as symmetrically as possible.

→ Connect only the supplied speakers.

There is a severe hum or noise.

→ Move the system away from any sources of noise.

→ Connect the system to a different wall outlet.

→ Install a noise filter (not supplied) to the power cord.

The remote does not function.

→ Remove any obstacles between the remote and the remote sensor on the unit, and position the unit away from fluorescent lights.

→ Point the remote at the sensor on the unit.

→ Move the remote closer to the system.

→ The batteries may be run down. Replace the batteries with new ones.

The STANDBY indicator remains lit after unplugging the power cord.

→ The STANDBY indicator may not turn off immediately after unplugging the power cord. The indicator will turn off after about 40 seconds. This is not a malfunction.

CD/MP3 player

The sound skips, or the disc will not play.

→ Wipe the disc clean, and replace it.

→ Move the system to a location away from vibration (for example, to the top of a stable stand).

→ Move the speakers away from the system, or place them on separate stands. At high volume, speaker vibration may cause the sound to skip.

Playback does not start from the first track.

→ Return to Normal Play by pressing PLAY MODE repeatedly until both "PGM" and "SHUF" disappear.

Starting playback takes more time than usual.

→ The following discs can increase the time it takes to start playback:
  • a disc recorded with a complicated tree structure.
  • a disc recorded in multisession mode.
  • a disc that has not been finalized (a disc to which data can be added).
  • a disc that has many folders.

Tuner

There is a severe hum or noise, or stations cannot be received ("TUNED" or "ST" flashes on the display).

→ Connect the antenna properly.

→ Find a location and an orientation that provide good reception, and then set up the antenna again.

→ Keep the antennas away from the speaker cords and the power cord to avoid picking up noise.

→ Turn off nearby electrical equipment.

The DAB/DAB+ radio station is not received properly (CMT-MX750Ni only).

→ Check all antenna connections, then perform the DAB Initial Scan procedure (see "Performing a DAB Initial Scan manually" (page 32)).

→ The current DAB/DAB+ service may not be available. Press +/– to select a different service.

→ If you have moved to another area, some services/ frequencies may have changed and you may not be able to tune into your usual broadcast. Perform the DAB Initial Scan procedure to re-register the contents of broadcasts. (Performing this procedure clears all previously stored presets.)

iPod/iPhone

There is no sound.

→ Make sure the iPod/iPhone is connected securely.

→ Make sure the iPod/iPhone is playing music.

→ Adjust the volume.

The sound is distorted.

→ Make sure the iPod/iPhone is connected securely.

→ Turn down the volume.

→ Set the "EQ" setting of the iPod/iPhone to "Off" or "Flat."

The iPod/iPhone does not function.

➡ Make sure the iPod/iPhone is connected securely.

➡ Make sure the iPod/iPhone is updated with the latest software. If not, update the iPod/iPhone before using with the system.

➡ Because the operation of the system and the iPod/iPhone are different, you may not be able to operate the iPod/iPhone using buttons on the remote or unit. In this case, use the control buttons on the iPod/iPhone.

➡ Remove the iPod/iPhone, then reconnect it.

The iPod/iPhone cannot be charged.

➡ Make sure the iPod/iPhone is connected securely.

➡ You can use the system as a battery charger for iPod/iPhone only when the system is on.

The ring volume of the iPhone does not change.

➡ Adjust the ring volume on the iPhone.

USB device

The connected iPod/iPhone or USB device is not being charged, when both are connected at the same time.

➡ You cannot charge an iPod/iPhone and a USB device at the same time.

Are you using a supported USB device?

➡ If you connect an unsupported USB device, the following problems may occur. Check the information on the websites about compatible USB devices with URLs listed under "Playing a file on a USB device" (page 35).
  • The USB device is not recognized.
  • File or folder names are not displayed on this system.
  • Playback is not possible.
  • The sound skips.
  • There is noise.
  • A distorted sound is output.

"Over Current!" appears.

➡ A problem has been detected with the level of electrical current from the ⟿ (USB) port. Turn off the system and remove the USB device from the ⟿ (USB) port. Make sure there is no problem with the USB device.
If this display pattern persists, contact your nearest Sony dealer.

There is no sound.

➡ The USB device is not connected correctly. Turn off the system, and then reconnect the USB device.

There is noise, skipping, or distorted sound.

➡ Turn off the system, and then reconnect the USB device.

➡ The music data itself contains noise, or the sound is distorted. Noise may have been entered when creating music data due to the conditions of the computer. Create the music data again.

➡ The bit rate used when encoding the files was low. Send files encoded with higher bit rates to the USB device.

"Reading" is displayed for an extended time, or it takes a long time before playback starts.

➡ The reading process may take a long time in the following cases.
  • There are many folders or files on the USB device.
  • The file structure is extremely complex.
  • Not enough free space in the memory.
  • The internal memory is fragmented.

Erroneous display

➡ Send the music data to the USB device again, as the data stored in the USB device may have been corrupted.

➡ Only alphanumerical character codes can be displayed by this system. Other characters are not displayed correctly.

The USB device is not recognized.

➡ Turn off the system and reconnect the USB device, then turn on the system.

➡ Check the information on the websites about compatible USB devices with URLs listed under "Playing a file on a USB device" (page 35).

➡ The USB device does not work properly. Refer to the operating manual supplied with the USB device for how to deal with this problem.

Play does not start.

➡ Turn off the system and reconnect the USB device, then turn on the system.

➡ Check the information on the websites about compatible USB devices with URLs listed under "Playing a file on a USB device" (page 35).

➡ Press ▶ to start playback.

Play does not start from the first track.

➡ Set the play mode to Normal Play mode.

Files cannot be played back.

➜ The audio file does not have the extension ".mp3," ".wma," ".m4a," ".mp4" or ".3gp."

➜ The data is not stored in MP3/WMA/AAC format.

➜ WMA files with DRM copyright protection cannot be played back. For how to check the copyright protection of a WMA file, see page 63.

➜ USB storage devices formatted with file systems other than FAT16 or FAT32 are unsupported.*

➜ If you use a partitioned USB storage device, only files on the first partition can be played.

➜ Files that are encrypted or protected by passwords, etc., cannot be played back.

* This system supports FAT16 and FAT32, but some USB devices may not support all of these FAT. For details, see the operating manual supplied with each USB device or contact the manufacturer.

Network connection

An error message appears.

➜ Check the nature of the error. See "Messages" (page 64).

The system cannot connect to the network.

➜ Check the network status. Press OPTIONS to enter the options menu, then select "Information" – "Connection." If "No Connection" appears, set up the network connection again (page 22).

➜ When the system is connected through a wireless network, move the unit and the wireless LAN router/ access point closer to each other and do the setup again.

➜ Check the settings of the wireless LAN router/access point and do the setup again. For details on the settings of the devices, refer to the operating manual supplied with the devices.

➜ Make sure that you use a wireless LAN router.

➜ Wireless networks are influenced by electromagnetic radiation emitted by microwave ovens and other devices. Move the unit away from these devices.

➜ Make sure that the wireless LAN router/access point is turned on.

Home Network

The system cannot connect to a network.

➜ Make sure that the wireless LAN router/access point is turned on.

➜ Make sure that the server is turned on.

➜ The network settings on the system may be incorrect. Check the network status. Press OPTIONS to enter the options menu, then select "Information" – "Connection." If "No Connection" appears, set up the network connection again (page 22).

➜ The server may be unstable. Restart it.

➜ Confirm that the system and the server are connected to the wireless LAN router/access point correctly.

➜ Confirm that the server has been correctly set (page 37). Confirm that the system has been registered to the server and allows the music streaming from the server.

➜ When the system is connected to the wireless network, move the unit and the wireless LAN router/ access point closer to each other.

➜ If the ICF (Internet Connection Firewall) function is active on the computer, this may prevent the system from connecting to the computer (only when your computer is used as a server). You may need to change the firewall settings to allow the system to connect. (For details on changing the firewall settings, refer to the operating manual supplied with your computer.)

➜ If you have reset the system or performed a system recovery on your server, perform the network settings again (page 22).

The server (such as a computer) does not appear in the server list. ("No Server" appears on the display.)

➜ You may have turned on this system before you turned on the server. Enter the options menu and select "Refresh" in the server list display to refresh the server list (page 40).

➜ Make sure that the wireless LAN router/access point is turned on.

➜ Make sure that the server is turned on.

➜ Confirm that the server has been correctly set (page 37). Confirm that the system has been registered to the server and allows the music streaming from the server.

➜ Confirm that the system and the server are connected to the wireless LAN router/access point correctly. Enter the options menu and select "Information" to check the settings (page 51).

"No Server" appears on the display, or the system cannot join a PARTY.

➜ Refer to the operating manual of your wireless LAN router/access point, and check the multicast setting. If the multicast setting is enabled on the wireless LAN router/access point, disable it.

You cannot play audio data normally.

➜ Shuffle play is selected. Set the play mode to normal (page 48).

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Play does not start, or does not automatically change to the next track or file.

➡ Make sure that the audio file you are trying to play is in a format supported by this system (page 40).

➡ WMA files with DRM copyright protection cannot be played back. For how to check the copyright protection of a WMA file, see page 63.

The sound skips during playback.

➡ The bandwidth of your wireless LAN may be too low. Move the unit and the wireless LAN router/access point closer to each other, without any obstacles in between them.

➡ When using your computer as a server, the computer may be running many applications. If anti-virus software is active on the computer, temporarily disable the software as it needs large amount of system resources.

➡ Depending on the network environment or any radio interference, it may not be possible to play tracks with more than one device operating at the same time. Turn off another device to enable the system to play tracks.

"Cannot Play" appears.

➡ You cannot play any files other than audio files.

➡ Confirm that the server has been correctly set (page 37). Confirm that the system has been registered to the server and allows the music streaming from the server.

➡ Check to confirm whether the audio file on the server has been damaged or erased. Refer to the operating manual supplied with the server.

➡ You cannot play the following tracks:
  • A track that violates playback restrictions.
  • A track with irregular copyright information.
  • A track that you purchased at an online music store that does not allow home network streaming.
  • A track in a format unsupported by the system (page 40).

➡ Confirm that the selected track has not been erased from the server. If the track has been erased, select another track.

➡ Make sure that the wireless LAN router/access point is turned on.

➡ Make sure that the server is turned on.

➡ The server may be unstable. Restart it.

➡ Confirm that the system and the server are connected to the wireless LAN router/access point correctly.

"No Track" appears.

➡ If there are no tracks or folders in the selected folder, you cannot extend the folder to display its contents.

You cannot play a copyrighted WMA format track.

➡ For how to check the copyright protection of a WMA file, see page 63.

You cannot select a previously selected track.

➡ The track information may have been changed on the server. Reselect the server in the server list (page 40).

Devices on the home network cannot connect to the system.

➡ "Network Standby" may be set to "Off." Turn on the system or set "Network Standby" to "On" (page 51).

➡ Confirm that the network is correctly set up. If it is not, the connection cannot be made (page 51).

➡ The device on the device list is set to "Not Allow" (page 52), or the device is not added to the device list (page 52).

➡ A maximum of 20 connectable devices has been set. Delete unnecessary devices on the device list, and then set "Auto Access" to "Allow" (page 52).

➡ Server operation of the system is suspended if the system is conducting one of the following operations.
  • Playing a track stored on the server (the system is operating as a player)
  • Updating the system application
  • Formatting the system

➡ The system cannot stream audio content to multiple players. The system can connect to only one player at a time.

The system cannot be turned on automatically when accessed by devices on the network.

➡ The system itself does not support the Wake-on-LAN standard. Therefore the system cannot be turned on by Wake-on-LAN when "Network Standby" is set to "Off." Set "Network Standby" to "On" so that the system can respond to operations by other devices via a network (page 51).

Devices on the network cannot turn on the system.

➡ The system cannot be turned on with a Wake-on-LAN start up operated by other devices on a network.

The system cannot play the track that is currently being played by the PARTY host.

➡ The PARTY host is playing a track of an audio format that cannot be played on the system.

➡ It may take a while before the playback sound is output.

The system joins an unintended PARTY.

➡ If more than one PARTY has been started when the system joins, the system may not be able to join the desired PARTY. Close the other PARTY, and then join the desired PARTY.

Music Services

You cannot connect the system to a service.

➡ Make sure that the wireless LAN router/access point is turned on.
➡ Check the network status. Press OPTIONS to enter the options menu, then select "Information" – "Connection." If "No Connection" appears, set up the network connection again (page 22).
➡ When the system is connected through a wireless network, move the unit and the wireless LAN router/access point closer to each other and do the setup again.
➡ If your contract with your Internet provider limits Internet connection to one device at a time, this device will not be able to access the Internet when another device is already connected. Consult your carrier or service provider.

The sound skips.

➡ The bandwidth of your wireless LAN may be too low. Move the unit and the wireless LAN router/access point closer to each other, without any obstacles between.

Others

The system works poorly.

➡ The system may be under the influence of static electricity or other factors. In this case, restart the system. If the system still works poorly, reset the system (page 63).
➡ If a warning message appears, do as the message says.

The system does not respond to any operations. The system does not work correctly.

➡ The unit's internal system may be malfunctioning, or the system may be suffering from strong electrical noise caused by power supply abnormalities due to being dropped, excessive static electricity, or lightning. In this case, unplug the power cord, wait about 30 seconds, and then plug the power cord again.

To check the copyright protection

This system cannot play back files in WMA format with DRM copyright protection. If a WMA file cannot be played back on this system, check the property of that file on your computer to see whether the file is DRM-copyrighted.
Open the folder or volume where the WMA file is stored and right-click the file to display the [Properties] window. If there is a [License] tab, the file is DRM-copyrighted and cannot be played back on this system.

To reset the system to the factory settings

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

1 Unplug and re-plug the power cord, and then turn on the system.

2 While holding down ENTER, hold down I/⏻ until "RESET" appears.

All user-configured settings, such as network settings, preset radio stations, timer, and the clock, are deleted.

Messages

For inquiries, be sure to make a note of the error code (Cxxx) if one appears on the display.

Audio player

CD Over:
You have reached the end of the disc while pressing ▶▶ during playback or pause.

Data Error:
You tried to play an unplayable file on the USB device.

Error:
The USB device could not be recognized or an unknown device is connected.

LOCKED:
The disc tray does not open. Contact your nearest Sony dealer.

No Device:
No USB device is connected or the connected USB device has been stopped.

No Disc:
There is no disc in the player, or you have loaded a disc that cannot be played.

No Memory:
The memory selected for playback has no memory media inserted in the USB device.

No Preset (DAB/DAB+ only):
There is no stored preset station.

No Service (DAB/DAB+ only):
There is no supported DAB/DAB+ broadcast in your country or region.

No Step:
All of the programmed tracks have been erased.

No Track:
A playable file on the USB device is not loaded in the system.

Not in Use:
You tried to perform a specific operation under conditions where that operation is prohibited.

Not Supported:
An unsupported USB device is connected.

OFF TIME NG!:
The Play Timer start and end times are set to the same time.

Push STOP!:
You pressed PLAY MODE during playback.

Step Full!:
You tried to program more than 25 tracks or files (steps).

Network settings

Connection Error:
The system has failed to connect the network.

Input Error!:
The entered values are incorrect or invalid.

Not in Use:
An operation that is currently prohibited is being performed.

Not Supported:
The access point device does not support the WPS-PIN code method.

Home Network

Cannot Connect:
The system cannot be connected to the selected server.

Cannot Get Info:
The system cannot retrieve information on the server or contents.

Cannot JOIN:
The system has failed to join a PARTY.

Cannot Play:
The system cannot play audio files due to an unsupported file format or playback restrictions.

Cannot START:
The system has failed to start a PARTY.

Data Error:
You tried to play an unplayable file.

Device Full!:
You cannot register any more devices to the device list.

No Server:

There is no server on the network that the system can connect to. Try refreshing the server list (page 40).

No Track:

There is no playable file in the selected folder on the server.

Not Found:

There is no item on the server that matches a keyword.

Not in Use:

An operation that is currently prohibited is being performed.

Music Services

Cannot Connect:

The system cannot be connected to the server.

Cannot Get Data:

The system cannot obtain content from the server.

Cannot Play:

The system cannot play a service or station due to an unsupported file format or playback restrictions.

Data Error:

• You tried to play an unplayable file.

• The system does not recognize the data on the server.

Need Software update:

The service is not available in the current version of the system software.
Visit the website below for more information on the software update:
http://www.sony.net/audio/musicservices

No Preset:

There is no station stored on the system for the selected preset number.

No Service:

There is no service provider.

No Station:

There is no station in the selected service.

Not Available:

• The selected service is not available.

• An operation that is currently unavailable is being performed.

Not in Use:

An operation that is currently prohibited is being performed.

Precautions

On safety

- Completely unplug the power cord from the wall socket if the system is not going to be used for an extended period of time. When unplugging the unit, always grip the plug. Never pull the cord itself.
- Should any solid object or liquid get into the unit, unplug the unit, and have it checked by qualified personnel before operating it again.
- The AC power cord can be changed only by a qualified service facility.

On placement

- Do not place the unit in an inclined position or in locations that are extremely hot, cold, dusty, dirty, or humid or lacking adequate ventilation, or subject to vibration, direct sunlight or other bright light.
- Be careful when placing the unit or speakers on surfaces that have been specially treated (for example, with wax, oil, polish) as staining or discoloration of the surface may result.
- 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, and cause the unit to malfunction. In this situation, remove the disc, and leave the unit turned on for about an hour until the moisture evaporates.

On heat buildup

- Heat buildup in the unit during operation is normal and is not cause for alarm.
- Do not touch the cabinet if the unit has been used continuously at high volume because the cabinet may have become hot.
- Do not block the ventilation holes on the rear of this unit.

When moving the unit

Do not move the unit while a CD is inserted. Doing so may damage the CD.

About this unit

- If you have connected to an outside network, such as the Internet, and have allowed access from other devices, unauthorized access by malicious outsiders can occur depending on your network configuration. This may cause damages such as data falsification. To avoid this problem, before using this system, you need to:
  − Use a router and configure it correctly.
  − Register the equipment that is to access this unit.
- It is prohibited to send or leave copyrighted products to/ on an out-of-home network that can be accessed from many people without the author's permission, under the Copyright Act.
- About DLNA support:
  This product is designed in accordance with DLNA Guideline v1.5. This product is commercialized to gain formal DLNA accreditation. This product may be upgraded to maintain interconnectivity.

On the speaker system

This speaker system is not magnetically shielded, and the picture on nearby TV sets may become magnetically distorted. In this situation, turn off the TV, wait 15 to 30 minutes, and turn it back on. If there is no improvement, move the speakers far away from the TV.

Do not drop this unit

Do not subject the unit to strong shocks. It may cause the unit to malfunction.

On volume adjustment

A sudden output of high-volume sound may cause damage to the speakers. Make sure to lower the volume before the start of playback.

Consideration for others

Keep the volume at a moderate level out of consideration of your neighbors, especially at night.

Cleaning the cabinet

Clean this unit with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pads, scouring powder, or solvents, such as thinner, benzine, or alcohol.

On playable discs

- Discs that this system CAN play
  - Audio CD
  - CD-R/CD-RW (audio data/MP3 files)
- Discs that this system CANNOT play
  - CD-ROM
  - CD-R/CD-RW other than those recorded in music CD format or MP3 format conforming to ISO9660 Level 1/Level 2 or Joliet
  - CD-R/CD-RW recorded in multisession that have not been ended by "closing the session"
  - CD-R/CD-RW of poor recording quality, CD-R/CD-RW that have scratches or are dirty or CD-R/CD-RW recorded with an incompatible recording device
  - CD-R/CD-RW that are finalized incorrectly
  - Discs containing files other than MPEG 1 Audio Layer-3 (MP3) files
  - Discs in non-standard shapes (for example, heart, square, star)
  - Discs that have adhesive tape, paper, or stickers attached to them
  - Rental or used discs with attached seals where the glue extends beyond the seal
  - Discs that have labels printed using ink that feels tacky when touched

Notes on CDs

- Do not scratch or attach stickers to the surface of the disc.
- CDs in non-standard shapes (e.g., a star, heart, or square) cannot be played on this unit. Attempting to do so may damage the unit.
- When cleaning the disc, use a cleaning cloth and wipe the disc from the center out to the edge. If the disc is extremely dirty, wipe the disc with a slightly moistened cloth, followed by a dry cloth. Do not clean a disc using benzene, thinner, commercial cleaners or anti-static sprays intended for vinyl LPs.
- Do not place discs in hot places, including places exposed to direct sunlight, near heat sources such as hot air ducts, or inside parked cars.
- Do not use a rental or secondhand disc on which glue that spread from under the label attached to it. If you do, there is a chance that the disc may become stuck to parts within the unit, causing it to malfunction.
- Do not use a commercial cleaning disc as it may cause the unit to malfunction.

Notes on playing MP3 discs

- This unit supports the MP3 format, a sampling rate of 32, 44.1, or 48 kHz and a bit rate of 32 to 320 kbps. If you play a disc recorded with a different sampling rate or bit rate on this unit, playback may stop, loud noises or sound skipping may occur, or the speakers may be damaged.
- If a file on a disc has an MP3 extension, but is not an MP3 file, the unit may skip that file or a malfunction may occur.
- This unit does not support files recorded in the MP3 Pro format.
- Under the following conditions, the actual elapsed time or the remaining time of an MP3 file may differ from the time displayed.
  - When playing a VBR (variable bit rate) MP3 file
  - When performing a fast forward or fast rewind operation

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.

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.

Specifications

Main unit

AUDIO POWER SPECIFICATIONS
POWER OUTPUT AND TOTAL HARMONIC
DISTORTION:
(The United States model only)
With 6 ohm loads, both channels driven, from
120 Hz – 10,000 Hz; rated 50 watts per channel
minimum RMS power, with no more than 10%
total harmonic distortion from 250 milliwatts to
rated output.

Amplifier section

European model:

DIN power output (rated):
40 watts + 40 watts (6 ohms at 1 kHz, DIN)

Continuous RMS power output (reference):
50 watts + 50 watts (6 ohms at 1 kHz, 10% THD)

Music power output (reference):
50 watts + 50 watts (6 ohms at 1 kHz, 10% THD)

Other models:

DIN power output (rated):
40 watts + 40 watts (6 ohms at 1 kHz, DIN)

Continuous RMS power output (reference):
50 watts + 50 watts (6 ohms at 1 kHz, 10% THD)

Wireless LAN section

Compatible standards:
IEEE 802.11 b/g (WEP 64 bit, WEP 128 bit,
WPA/WPA2-PSK (AES), WPA/WPA2-PSK
(TKIP))

Radio frequency:
2.4 GHz

CD player section

System:
Compact disc and digital audio system

Laser Diode Properties
Emission Duration: Continuous
Laser Output*: Less than 44.6μW
* This output is the value measurement at a distance of
200mm from the objective lens surface on the Optical
Pick-up Block with 7mm aperture.

Frequency response:
20 Hz – 20 kHz

Signal-to-noise ratio:
More than 90 dB

Dynamic range:
More than 90 dB

Tuner section

FM tuner section:
FM stereo, FM superheterodyne tuner

Tuning range:
North American model:
87.5 MHz – 108.0 MHz (100 kHz step)
Other models:
87.5 MHz – 108.0 MHz (50 kHz step)

Antenna:
FM lead antenna

Intermediate frequency:
10.7 MHz

DAB/DAB+ tuner section (CMT-MX750Ni only):

FM stereo, DAB/FM superheterodyne tuner

Frequency range
Band-III:
174.928 (5A) MHz – 239.200 (13F) MHz

Antenna:
DAB/FM lead antenna

DAB/DAB+ frequency table (Band-III)

Frequency	Label
174.928 MHz	5A
176.640 MHz	5B
178.352 MHz	5C
180.064 MHz	5D
181.936 MHz	6A
183.648 MHz	6B
185.360 MHz	6C
187.072 MHz	6D
188.928 MHz	7A
190.640 MHz	7B
192.352 MHz	7C
194.064 MHz	7D
195.936 MHz	8A
197.648 MHz	8B
199.360 MHz	8C
201.072 MHz	8D
202.928 MHz	9A
204.640 MHz	9B
206.352 MHz	9C
208.064 MHz	9D
209.936 MHz	10A
211.648 MHz	10B
213.360 MHz	10C
215.072 MHz	10D
216.928 MHz	11A
218.640 MHz	11B
220.352 MHz	11C
222.064 MHz	11D
223.936 MHz	12A
225.648 MHz	12B
227.360 MHz	12C
229.072 MHz	12D

Frequency	Label
230.784 MHz	13A
232.496 MHz	13B
234.208 MHz	13C
235.776 MHz	13D
237.488 MHz	13E
239.200 MHz	13F

iPod/iPhone section

Compatible iPod/iPhone models:
See page 71.

USB section

Supported bit rate:
MP3 (MPEG 1 Audio Layer-3): 32 kbps –
320 kbps, VBR
WMA: 48 kbps – 192 kbps, VBR
AAC: 48 kbps – 320 kbps

Sampling frequencies:
MP3 (MPEG 1 Audio Layer-3): 32/44.1/48 kHz
WMA: 44.1 kHz
AAC: 44.1 kHz

Speaker

Speaker system:
2 way speaker system, Bass reflex

Speaker units:
Woofer 120 mm, cone type
Tweeter 25 mm, soft dome type

Rated impedance:
6 ohms

Dimensions (W/H/D):
European model:

Approx. 150 mm × 270 mm × 220 mm
(approx. 6 inch × 10 $^3/_4$ inch × 8 $^3/_4$ inch)

Other models:

Approx. 150 mm × 240 mm × 220 mm
(approx. 6 inch × 9 $^1/_2$ inch × 8 $^3/_4$ inch)

Mass:
European model:

Approx. 2.3 kg net per speaker
(approx. 5 lb 2 oz net per speaker)

Other models:

Approx. 2.1 kg net per speaker
(approx. 4 lb 11 oz net per speaker)

Precautions/Specifications

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Inputs/Outputs

FM Antenna terminals:
75 ohms unbalanced

DAB/DAB+ Antenna terminal:
75 ohms, F female

AUDIO IN (stereo mini jack):
Sensitivity 700 mV, impedance 47 kilohms

SPEAKERS:
Accepts impedance of 6 ohms

iPod/iPhone Dock:
Output voltage: DC 5.0 V
The maximum output current: 500 mA

⎙ (USB) port:
Type A, maximum current 500 mA

NETWORK ⛛ port:
10BASE-T/100BASE-TX

General

Power requirements:
North American model:
AC 120V, 60Hz
Latin American models (except for Brazilian models):
AC 110 V – 120 V or 220 V – 240 V, 50/60 Hz, adjustable with voltage selector
Brazilian model:
AC 127 V or 220 V, 60 Hz, adjustable with voltage selector
Taiwan model:
AC 120 V, 50/60 Hz
Other models:
AC 220 V – 240 V, 50/60 Hz

Power consumption:
43 watts

Dimensions (W/H/D) (excl. speakers):
Approx. 309 mm × 122 mm × 247 mm
(approx. 12 $^1/_4$ inch × 4 $^7/_8$ inch × 9 $^3/_4$ inch)

Mass (excl. speakers):
Approx. 3.0 kg
(approx. 6 lb 10 oz)

Supplied accessories:
See page 10.

Design and specifications are subject to change without notice.

- Standby power consumption: 0.5 W
- Halogenated flame retardants are not used in the certain printed wiring boards.

iPod/iPhone models compatible with this system

You can use the following iPod/iPhone models on this system. Update your iPod/iPhone with the latest software before use.

iPhone 3GS	iPhone 3G	iPhone	iPod nano 5th generation (video camera)	iPod touch 2nd generation

iPod classic 120 GB 160 GB (2009)	iPod nano 4th generation (video)	iPod classic 160 GB (2007)	iPod touch 1st generation	iPod nano 3rd generation (video)

iPod classic 80 GB	iPod nano 2nd generation (aluminum)	iPod 5th generation (video)	iPod nano 1st generation	iPod 4th generation (color display)

iPod 4th generation	iPod mini

Glossary

AAC

Abbreviation for Advanced Audio Coding. It is a standard for audio file compression determined by the MPEG (Motion Picture Experts Group), an ISO (International Organization for Standardization)/ IEC (International Electrotechnical Commission) working group.

Bit rate

The bit rate is a measure of data volume expressed in bits per second (bps).

Byte

One of the fundamental units used to express digitized data in computers. Digitized data is commonly expressed in binary digits (zeros and ones). A single unit of data is one bit. One byte consists of eight bits.

DLNA

Abbreviation for Digital Living Network Alliance. The DLNA is a nonprofit organization that establishes design guidelines for digital content shared over networks. For details, see: http://www.dlna.org/home/

DNS

Abbreviation for Domain Name System. A server that translates domain names to IP addresses, or IP addresses to domain names. A DNS is identified by an IP address. Also called a "DNS server."

Internet Service Provider

A company that offers a connection service to the Internet.

IP address

IP addresses usually comprise four groups of up to three digits each, separated by a period (such as 192.168.239.1). All devices on a network must have an IP address.

LAN

Abbreviation for Local Area Network.
LAN is a general name for networks set up for communication among devices including computers, printers, and fax machines in relatively small areas such as offices or buildings.

MAC address

Abbreviation for Media Access Control address. It is an identification name assigned to all network devices. Each device has its own address and there are no duplicate addresses. A MAC address may be necessary when identifying the unit separately from other devices (such as a DLNA server).

MP3

Abbreviation for MPEG 1 Audio Layer-3. It is a standard for audio file compression determined by the MPEG (Motion Picture Experts Group), an ISO (International Organization for Standardization) working group. It enables compression of audio files to about 1/10 of the data size of a standard compact disc. Since the MP3 encoding algorithm is disclosed, there are various encoders/decoders that are compliant with this standard. The MP3 standard is therefore widely used in the computer field.

Network key (security key)

An encryption key used to limit the devices with which communication can occur. It is used to provide higher security for devices communicating via a wireless LAN router/access point.

Proxy

A program or a server that provides Internet access to computers within a firewall or quicker downloading of web pages.

Router

A device that bridges networks, converting the protocols and addresses of each network. When connecting multiple network devices to Internet, a router is necessary. The term "router" by itself may refer to any of these devices.

SSID

Abbreviation for Service Set IDentifier. It is a name that identifies a particular access point within an IEEE 802.11 wireless LAN. To connect with an access point, a client device must be set with the same SSID. SSIDs can be up to 32 characters long. For higher security, a network key is normally also used. In this case, connection cannot occur unless the SSID matches the network key.

WEP

Abbreviation for Wired Equivalent Privacy. An encryption key used in wireless LAN networks. As an IEEE standard based on the RC4 algorithm cryptography, WEP is used to secure IEEE 802.11b wireless networks. During the transmission of a message between a wireless LAN access point and a client device, the sending side encrypts the data and the receiving side decrypts it. For communication to occur, both devices must use a common code key, which is called the "WEP key." The encryption level is indicated by the bit count of the key; e.g. 64 bits or 128 bits. The higher the bit count, the higher the security level.

WMA

Abbreviation for Windows Media Audio. WMA is the audio compression technology developed by Microsoft Corporation that allows audio files to be compressed to about 1/22 of the data size of a standard compact disc.

WPA

Abbreviation for Wi-Fi Protected Access. An encryption standard for wireless LAN networks created by the Wi-Fi Alliance to remedy a number of serious security problems in the WEP system. In addition to the network name (SSID) and encryption key (WEP), this protocol uses a user authentication framework called "EAP" (Extensible Authentication Protocol) and a protocol called "TKIP" (Temporal Key Integrity Protocol) which automatically updates the encryption code at regular intervals for higher security.

WPA2

Abbreviation for Wi-Fi Protected Access 2. An encryption standard for wireless LAN networks. As an upgraded version of WPA created by the Wi-Fi Alliance, this standard uses AES (Advanced Encryption Standard) cryptography to provide stronger security than WPA.

WPS

Abbreviation for Wi-Fi Protected Setup. A wireless network standard created by the Wi-Fi Alliance allows you to set up a wireless network easily. A push button method and a PIN code method are available.

DAB (Digital Audio Broadcasting)-related terms (CMT-MX750Ni only)

Dynamic label segment

The text data transmitted for each channel or service.

Ensemble label

In DAB, multiple digital radio channels are transmitted using a single radio transmission or frequency. A group of channels sent this way is called an "ensemble" and "ensemble label" is the name of such a group.

Service label

The name of an individual digital radio channel or service.

Index

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