# Personal Audio System

**GB** Operating Instructions



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### CMT-X5CD/CMT-X5CDB

http://www.sony.net/









To reduce the risk of fire, do not cover the ventilation opening of the appliance with newspapers, tablecloths, curtains, etc. Do not expose the appliance to naked flame sources (for example, lighted candles).

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

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 appliances with battery-installed to excessive heat, such as

sunshine and fire. 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.

This equipment has been tested and found to comply with the limits set out in the EMC Directive using a connection cable shorter than

The nameplate is located on the bottom exterior

### **CAUTION** The use of optical instruments with this product

This appliance is classified as a CLASS 1 LASER product. This



# CAUTION

will increase eye hazard

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

### For customers in Australia and New Zealand

This equipment should be installed and operated with at least 20 cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles)

### For customers in Europe

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

This product has been manufactured by or on behalf of Sony Corporation, 1-7-1 Konan Minatoku Tokyo, 108-0075 Japan, Inquiries related to product compliance based on European Union legislation shall be addressed to the authorized representative, Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany For any service or guarantee matters, please refer to the addresses provided in the 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/

# For customers in Europe and Australia

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 Pb 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 endof-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

### Before operating this system

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.

### 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 quaranteed.

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### A ← (USB) port

**B** AUDIO IN (external input) jack Connect optional external equipment with ar audio connecting cable (not supplied).

~ AC IN (220-240V AC) input

### D FM ANTENNA (for CMT-X5CD only DAB/FM ANTENNA

Connect the FM or DAB/FM antenna

reception, and then fix the antennas to a stable surface

•Secure the end of the FM lead antenna with adhesive

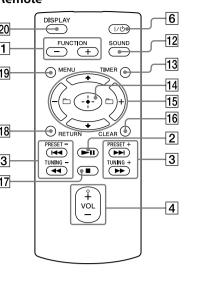
### Reception of DAB/DAB+ radio station (CMT-X5CDB only)

When you turn on the system for the first time after you purchase the system, DAB Automatic Scan starts automatically and creates a list of available services. During the DAB Automatic Scan, "\*\*\*\*\*\*" appears. Do not press any button on the unit or the remote during DAB Automatic Scan. Scanning is interrupted and service list may not be created properly. To run the DAB Automatic Scan manually, perform the procedure of "Running the DAB Automatic Scan manually." If you have moved to another area, perform the DAB Automatic Scan manually and re-register the contents of broadcasts.

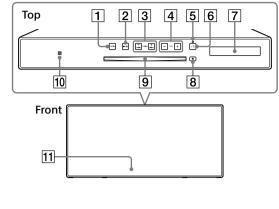
### **Location of Controls**

**Getting Started** 

This manual mainly explains operations using the remote, but the same operations can also be performed using the buttons on the unit having the same or similar names.



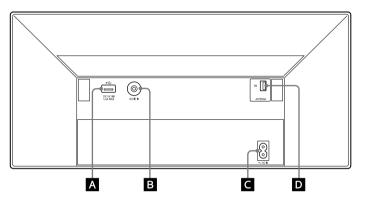
### Unit (front/top)



When you use the remote for the first time The battery is factory-installed in the remote. Before using the remote for the first time. remove the insulation sheet attached to the battery holder. For details, see "Changing the battery".



### Unit (back)



Setting the clock

2 Press TIMER 13.

1 Press I/ 6 to turn on the system.

select "CLOCK," then press (+) 14

power cord or if a power failure occurs.

If "PLAY SET" is displayed, press ◆/♥ 15 to

**3** Press **↑/†** 15 to set the hour, then press ⊕ 14.

4 Press ◆/▼ 15 to set the minutes, then press ⊕

•The clock settings are reset when you disconnect the

The clock is displayed for about 8 seconds.

If the system is in BLUETOOTH Standby mode

the clock does not appear by pressing DISPLAY

To display the clock when the system is off

Press DISPLAY 20 repeatedly to display the clock.

Connect a USB device.

You can use your iPhone/iPod with this system via Bluetooth or connection only.

Connect the power cord (supplied) to the wall

# (for CMT-X5CDB only)

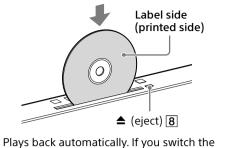
\* The illustration above is for CMT-X5CD.

• Find a location and an orientation that provide good

## Listening to a CD

### Playing a CD-DA/MP3 disc

- 1 Press FUNCTION 1 to select "CD."
- 2 Insert a CD to the disc slot 9 at the top of the Load a CD with the label side (printed side) toward you.



function to "CD" from another function when a CD is already inserted in the slot, press ►II 2 after "READING" has disappeared from the display window 7 The button of the remote or the unit enables

you to fast-rewind/fast forward, select a track, file or folder (for MP3 disc), etc.

### To eject the CD Press $\triangleq$ (eject) $\boxed{8}$ on the unit.

•8 cm CD cannot be used with this system.

• Do not load a CD with non-standard shapes (e.g., heart, square, star). Doing this may cause irreparable damage to •Do not use a CD with tape, stickers or paste on it as this

may cause malfunctio When you remove a CD, do not touch the surface of the

### To change the play mode Play mode enables you to playback the same

music repeatedly or shuffle-play.



- have to stop playback. 2 Press MENU 19.
- 3 Press ◆/◆ 15 to select "CD MENU", then press

If you select "REPEAT" in step 4, you do not

- 4 Press ◆/◆ 15 to select "PLAYMODE" or
- "REPEAT," then press  $\oplus$  14. 5 Press ◆/◆ 15 to select the play mode, then press 🕀 14
- You can select the following play modes **PLAYMODE**

Play mode	Effect
NORMAL	Plays a track or file.
FOLDER*	Plays all tracks in the selected folder. "FLDR" lights up in the display window 7.
SHUFFLE	Plays all tracks or files in random order. "SHUF" lights up in the display window 7.
FLDR.SHUF*	Plays all tracks or files in the selected folder in random order. "FLDR. SHUF" lights up in the display window 7.
PROGRAM	Plays the programmed tracks or files. "PGM" lights up in the display window 7. For details, see "Creating your own program (Program Play)".

REPEAT		
Play mode	Effect	
ALL (Repeat plays all tracks)	The system plays all tracks in disc or folder repeatedly. "←" lights up in the display window 7.	
<b>ONE</b> (Repeat plays one track)	The system plays the selected track repeatedly. "\$\infty\$1" lights up in the display window \(\overline{7}\).	
OFF	Cancels repeat playback.	

### Note on playing MP3 discs • Do not save unnecessary folders or files on a disc that has

- Folders that have no MP3 files are not recognized on the
- •The system can only play MP3 files that have a file extension of ".mp3." Even when file name has the ".mp3" file extension, if it is
- not an audio MP3 file, playing this file may generate a loud noise, which could cause damage of the system. •The maximum number of MP3 folders and files compatible with this system is:
- -999\* folders (including the root folder) -999 files -250 files in a single folder
- -8 folder levels (in the tree structure of files) \* This include folders that have no MP3 or other files. The
- number of folders that the system can recognize may be less than actual number of folders, depending on the folder structure. Compatibility with all MP3 encoding/writing software,

CD-R/RW drive and recording media cannot be

interrupted audio or may not play at all.

guaranteed. Incompatible MP3 discs may produce noise or

# play mode" , then press $\oplus$ 14

Creating your own program

Selected track Total playing time

Repeat the steps above to program additional

Your program of tracks or files starts playback.

In step 1, select "NORMAL" for "PROGRAM," then

Press CLEAR 16 while the play is stopped. Each

When all the programmed tracks or files are

time you press the button, the last programmed

• Up to 25 tracks or files can be programmed. If you attempt

to program more than 25 tracks or files, "FULL" will be

disconnected after programming, all the programmed

displayed. In this case, delete unnecessary tracks.

•To play the same program again, press ►II 2.

• When the disc is ejected or the power cord is

Listening to the radio

Tuning in a radio station

1 Press FUNCTION 1 to select "FM" or "DAB\*"

starts changing, then release the button.

frequency indication in the display window 7

Tuning stops automatically when a FM stereo

broadcast is received (Automatic Scanning).

2 Press and hold PRESET +/- 3 until the

To delete a programmed track or file

track or file

or file number of the selected

(Program Play)

that you want to program

folder, press 🕀 🚹

file, then select 🕀 14

tracks or files

To cancel program play

track or file will be deleted

deleted, "NO STEP" appears.

tracks and files are deleted.

(CMT-X5CDB).

Manual tuning

desired station.

4 Press ►II 2.

press 🕀 🚹

- Plays the programmed track or file in a CD. **Running the DAB Automatic Scan** 1 Select "PROGRAM" in step 5 of "To change the
- manually (CMT-X5CDB only) Before you can tune in DAB/DAB+ stations, you 2 When using an MP3 disc, press = +/- 15 to
- must perform a DAB Initial Scan. select the folder containing the tracks or files When you have moved to another area, also perform the DAB Initial Scan manually to update the DAB/DAB+ service information. If you want to play all tracks or files in the
  - 1 Press MENU 19
  - 2 Press ◆/▼ 15 to select "TUNE:MENU," then press (+) |14|

To tune in to a preset radio station

to which the desired station is registered.

Press PRESET +/- 3 to select the preset number

- 3 Press ◆/◆ 15 to select "INIT:SCAN," then press
- 4 Press ◆/◆ 15 to select "OK," then press ⊕ 14 Scanning begins. The scanning progress is indicated by asterisks (\*\*\*\*\*\*). Depending on the DAB/DAB+ services available in your area, scanning may take a few minutes
- If your country or region does not support DAB/DAB-

broadcast, "NO SERV" appears.

 This procedure clears all previously stored presets Before unplugging the DAB/FM lead antenna, make sure the system is turned off to preserve your own DAB/DAB+

# Listening to a file on a USB

Playing a file on a USB device You can play audio files stored on a USB device such as WALKMAN® or digital media player, on

For details on compatible USB devices, see "Compatible devices and versions."

2 Connect the USB device to the ← (USB) port

this system by connecting a USB device to the

Connect the USB device directly, or via the USB cable supplied with the USB device, to the •<-(USB) port A

the remote or the button of the unit.

1 Press FUNCTION 1 to select "USB."

A on the rear of the unit.

### Wait until "READING" disappears. 3 Press ►II 2.

Starts playback You can operate fast-rewind/fast-forward, selecting a track or file or selecting folder with

If a USB device is connected to the unit, battery charging

• If the USB device cannot be charged, disconnect and

• The playback order for the system may differ from the

playback order of the connected digital music player.

device. Removing the USB device while the system is

turned on may corrupt the data on the USB device.

When USB cable connection is necessary, connect the

supplied with the USB device to be connected.

• It may take time before "READING" appears after

connecting, depending on the type of USB device

•Do not connect the USB device through a USB hub.

• When the USB device is connected, the system reads all

files on the USB device, it may take a long time to finish

to transmit signals from the system or to finish reading the

originally encoded with incompatible software, those files

This includes folders that have no playable audio file and

can recognize may be less than actual number of folders.

empty folders. The number of folders that the system

•The system does not necessarily support all the functions

•The audio formats that you can listen to with this system

Folders that have no audio files are not recognized.

-AAC\*: file extension ".m4a," "mp4" or ".3gp"

Note that even when file name has the correct file

extension, if the actual file differs, the system may

\* Files with DRM (Digital Rights Management) copyright

store cannot be played on this system. If you try to play

one of these files, the system plays the next unprotected

protection or files downloaded from an online music

Compatibility with all encoding/writing software cannot

be guaranteed. If audio files on the USB device were

•The maximum number of folders and files on the USB

may produce noise or, may malfunction.

-1,000\* folders (including the root folder)

-8 folder levels (in the tree structure of files)

device compatible with this system is:

depending on the folder structure.

provided in a connected USB device.

-250 files in a single folder

-MP3: file extension ".mp3"

-WMA\*: file extension ".wma'

produce noise or may malfunction.

the files on the USB device. If there are many folders of

USB cable supplied with the USB device to be connected

For details on connection, refer to the operation manual

Be sure to turn off the system before removing the USE

starts automatically. Even when the system is off, the USB

reconnect it. For details on the charging status of the USB device, see the operating manual of the USB device.

### To change the play mode When playing the USB device, the play mode

"ST" lights up in the display window 7. can be selected. Press MENU 19, then select DAB is for CMT-X5CDB only. "USB MENU." Select "PLAYMODE" or "REPEAT. For details, see "To change the play mode" of "Listening to a CD." When a file on a USB device Press PRESET +/- 3 repeatedly to tune-in the is playing, programmed playback cannot be played

connected.

-3.000 files

are as follows:

reading the USB device

device can be charged.

# Note on DAB/DAB+ stations (CMT-X5CDB

- only) When you tune in a station that provides RDS services information such as the service name or station name is •When tuning in a DAB/DAB+ station, it may take a few
- seconds before you hear any sound Primary service is automatically received when secondary

This tuner does not support data services.

•If reception of an FM stereo broadcast is noisy, press MENU 19 and select "TUNE:MENU," "FM MODE" and "MONO" in turn, to select monaural reception. This reduces noise.

### Presetting radio stations

- You can preset your desired radio stations 1 Tune in the desired station, then press MENU
- 2 Press ◆/◆ 15 to select "TUNE:MENU," then press 🕀 14
- **3** Press **4**/**4** 15 to select "MEMORY," then press 4 Press ◆/◆ 15 to select "OK," then press ⊕ 14.
- 5 Press ◆/◆ 15 to select the preset number, then press  $\oplus$  14. Preset number

"COMPLETE" appears in the display window 7 and the radio station is registered with the preset number

Repeat the steps above to register further

- radio stations. 6 Press I/ (b) 6 to turn off the power, then press 1/0 6 again to turn on the power.
- You can preset up to 20 FM, or 20 DAB/DAB+ and 20 FM stations (CMT-X5CDB). • If you select an already-registered preset number in step 5, the preset radio station is replaced by the currently tuned-in radio station.

### Listening to music with optional audio components

### Playing back the music of optional audio components

equipment.

to music

touch action (NFC).

2 Press MENU 19.

over a wireless connection

You can play a track of optional audio components connected to the unit.

The system may enter Standby mode automatically if the

details, see "Setting the Automatic Standby function."

Listening to music through

BLUETOOTH device and listening

You can listen to music from BLUETOOTH device

Before using the BLUETOOTH function, perform

• Place the BLUETOOTH device to be connected within one

• If your BLUETOOTH device is compliant with touch (NEC)

skip the next procedure. See "Listening to music by one-

3 Press ◆/◆ 15 to select "BT MENU," then press

4 Press ◆/▼ 15 to select "PAIRING," then press ⊕

5 Press ◆/◆ 15 to select "OK" then press ⊕ 14.

**6** Search for this system with the BLUETOOTH

7 Select [SONY:CMT-X5CD] or [SONY:CMT-

If prompted to enter a passkey on the

the device, proceed from step 1 again.

When pairing is completed, the display

If this system is not shown in the display of

changes to the connected BLUETOOTH device

name from "PAIRING" and the BLUETOOTH

Depending on the BLUETOOTH device, press

music player on the BLUETOOTH device.

If the volume cannot be changed on the

system, adjust it on your BLUETOOTH device.

Operation such as fast-rewind/fast-forward,

operated with the remote or buttons of the

selecting music and selecting a folder can be

You can perform a pairing operation or attempt to make a

BLUETOOTH connection with another BLUETOOTH device while the BLUETOOTH connection is established with one

BLUETOOTH device. The currently established BLUETOOTH

connection is canceled when BLUETOOTH connection with

•The operations described above may not be available

operations may differ depending on the connected

for certain BLUETOOTH devices. In addition, the actual

Once a pairing operation is performed, it does not have

to be performed again. In the following cases, however, a pairing operation must be performed again:

-Pairing information was erased when the BLUETOOTH

This system can pair with up to 9 BLUETOOTH devices.

If you pair another BLUETOOTH device after pairing

with 9 devices was performed, pairing information of

the device that was connected with the system first is

Pairing registration information of this system is erased from the connected device.

•The sound of this system cannot be sent to a BLUETOOTH

-If you initialize the system or erase the pairing history

with the system, all the pairing information will be

-You attempt to pair the system with more than 10

overwritten with that of the new device.

another device is successfully established.

**9** Press VOL +/- 4 to adjust the volume.

BLUETOOTH device, enter "0000."

**BLUETOOTH** device display

X5CDB] (this system)

indicator lights up.

8 Press ►II 2.

unit.

BLUETOOTH device.

device was repaired.

BLUETOOTH devices.

Starts playback.

When "PAIRING" starts flashing in the display

A list of the devices found may appear on the

window **7**, the system changes to pairing

pairing to register your BLUETOOTH device.

a BLUETOOTH connection

Pairing the system with a

## display window 7 for 8 seconds

ullet Beforehand, press the VOL –  $oldsymbol{4}$  to turn down the volume 1 Press FUNCTION 1 to select "AUDIO IN."

### display window 7. **2** Connect its audio connecting cord to the AUDIO IN jack **B** on the rear of the unit and the output terminal of the optional external

- **3** Start playback of the connected component. Adjust the volume on the connected component during playback
- 4 Press VOL +/- 4 on the remote to adjust the 2 Press ◆/◆ 15 to select "OK," then press ⊕ 14.

# 7 and all the pairing information is erased.

• If you have erased the pairing information, you cannot

### Listening to music through a registered device

performed again

After step 1 on "Pairing the system with a BLUETOOTH device and listening to music.' operate the BLUETOOTH device to connect with the system, then press ►II 2 of the unit to start

### Listening to music by one-touch action (NFC)

a mobile phone and IC tag. Just touch your smartphone/tablet on the

- Beforehand, turn the NFC settings to on.
- 10 on the unit. Touch the smartphone/tablet on the unit and
- for the part of your smartphone/tablet used as touch contact
- Starts playback To disconnect the established connection, touch your smartphone/tablet on the N-Mark
- 2.3.3 or later with the exception of Android 3.x).
- For customers in other countries/regions http://www.sony-asia.com/suppor • If the smartphone/tablet does not respond even though it is touched to the unit, download "NFC Easy Connect" to your smartphone/table and run it. Then touch to the unit again. "NFC



and the system is connected with the smartphone/tablet.

application may not be downloaded. • For some smartphones/tablets, this function

may be available without downloading "NFC

### number" or "Password," etc. To check the address of a connected

**BLUETOOTH** device Press DISPLAY 20, while the name set on the connected BLUETOOTH device is shown in the display window 7. The BLUETOOTH device address appears in two lines on the system

# To cancel the connection with a

BLUETOOTH device Disconnect the BLUETOOTH connection on the

"Passkey" may be called "Passcode," "PIN code," "PIN

## To erase the pairing registration

BLUETOOTH device. "BT AUDIO" appears in the

- **1** Select "DEL LINK" after step 3 on "Pairing the system with a BLUETOOTH device and istening to music," then press 🕀 🚹.
- "COMPLETE" appears in the display window

### NFC is a technology for short-range wireless communication between various devices such as

- system. The system is turned on automatically. and pairing and BLUETOOTH connection are established.
- 1 Press FUNCTION 1 to select "BT AUDIO." 1 Touch your smartphone/tablet on the N-mark
  - maintain contact until the smartphone/tablet Refer to the user's guide of your smartphone
  - **2** After completing the connection, press ► 1 2.
  - 10 on the unit. Compatible smartphones are those equipped with the NFC
  - Check the website below for information on compatible For customers in Europe: http://support.sony-europe.com/
  - Easy Connect" is a free application for exclusive use with Android™. Scan the following 2D



smartphone/tablet on the unit while another BLUETOOTH device is connected with this system, the BLUETOOTH device is disconnected

• In some countries and regions, NFC-compliant

Easy Connect." In this case, the operation and specifications of the smartphone/tablet may be different from the description in this manual.

For details, refer to the user's guide supplied with your smartphone/tablet.

## Playing with high quality sound

codec (AAC/aptX) You can receive the data in AAC or aptX codec format from a BLUETOOTH device. It provides the playback with a higher quality sound.

The factory settings of 'BT AAC" and "BT APTX"

1 Press MENU 19.

- 2 Press ◆/◆ 15 to select "BT MENU," then press
- 3 Press ◆/◆ 15 to select "BT AAC" (AAC codec) or "BT APT $\overline{X}$ " (aptX codec), then press  $\oplus$  14.
- **4** Press **↑**/**†** 15 to select "ON," then press ⊕ 14.

• If you initiate setup during BLUETOOTH connection, the • If sound is interrupted during reception in AAC coded format, set to "OFF" in step 4 to cancel the settings. In this case, the system receives SBC codec.

### **Additional information**

# Setting the Automatic Standby

The system enters Standby mode automatically in about 15 minutes when there is no operation or audio signal output (Automatic Standby

By default, the Automatic Standby function is turned on.

- **1** Press MENU **19**.
- 2 Press ◆/◆ 15 to select "STBY:MODE," then press 🕀 14 **3** Press ◆/◆ 15 to select "AUTO:STBY," then press
- 4 Press ◆/◆ 15 to select "ON" or "OFF," then
- press 🕀 **14**.

•2 minutes before entering standby mode, "AUTO:STBY" displays in the display window 7

- •The Automatic Standby function is invalid for the tuner function (FM/DAB\*), even when you have enabled it. •The system may not enter Standby mode automatically in
- -while using the FM or DAB\* function -while an audio signal is being detected during playback of audio tracks or files -while the Play Timer or Sleep Timer is being used
- •The system counts down the time (about 15 minutes again until it enters Standby mode, even when Automatic Standby function is enabled in the following cases -when a USB device is connected while "USB" function -when a button on the remote or unit is pressed \* DAB is for CMT-X5CDB only.

# Setting the BLUETOOTH Standby

When BLUETOOTH Standby mode is enabled, the system enters Wait mode for BLUETOOTH connection even when the system is turned off. This mode is disabled by default. 1 Press MENU 19.

- 2 Press ◆/◆ 15 to select "STBY:MODE," then press 🕀 14
- 3 Press ◆/◆ 15 to select "BT STBY," then press ⊕ 4 Press ◆/◆ 15 to select "ON" or "OFF," then
- press 🕀 14

BLUETOOTH SIGNAL ON/OFF

When the unit is turned on, you can control a

BLUETOOTH signal. The default setting is ON.

2 Press and hold ► 3 and I/ 6 of the unit.

**3** After "RF OFF" (wireless BLUETOOTH signal is

on) appears, release the button.

off) or "RF ON" (wireless BLUETOOTH signal is

•When this setting is set to OFF, the BLUETOOTH function is

smartphone/tablet by one-touch action (NFC) on the unit.

• When this setting is off, the BLUETOOTH Standby mode

•When the BLUETOOTH Standby mode is on and the unit is

• When this setting is off, the unit and BLUETOOTH device

•When this setting is off, the unit is turned on by the

turned off, the BLUETOOTH Standby mode turns off.

**5** Press **I**/ $^{\circlearrowleft}$  **6** to turn off the system.

BLUETOOTH on the connected component.

Setting the wireless

**1** Turn on the unit.

not available.

cannot be set.

cannot be paired

be used.

- Play Timer. See "Creating your own program (Program • When the sound source is radio, make sure to tune-in the •When this system is set to "ON," the system turns on radio station in advance. automatically and you can listen to music by activating
  - •To change the timer setting, perform the procedures from the beginning again
  - DAB is for CMT-X5CDB only

preset time

### •The Play Timer does not work if the system is already on at

t is turned on and starts play with the timer When the sound source for a Play Timer is set to a radio station that you set using Automatic Scanning (ALITO) or Manual Tuning (MANUAL), and you change the radio frequency or band after setting the

timer, the radio station setting for the timer will also be • When the sound source for a Play Timer is set to a radio station tuned from a preset radio station, and you change the frequency of the radio station or band after setting he timer, the radio station setting for the timer will not change. The radio station tuning for the timer is fixed at

### To check the setting

- 1 Press TIMER 13.
- 2 Press ◆/◆ 15 to select "SELECT", then press ⊕
- 3 Press ◆/◆ 15 to select "TIMER SEL," and then press 🕀 14
- 4 Press ◆/◆ 15 to select "PLAY SEL," and then press 🕀 14. The timer setting appears in the display

•Even when this setting is off, a wired connection can still window 7. To cancel the timer After step 3 on "To check the setting," select

"OFF," then press 🕀 14.

### Adjusting the sound

You can set the bass and treble or adjust the tone to your preferences.

**CA+:** Set to the recommended sound quality of

**P-EQ (EQUALIZER):** Select the desired sound

"R AND B/HIP HOP," "ROCK," "POPS,"

"CLASSIC," "JAZZ," "FLAT," "CUSTOM"

WIDE ST (WIDE STEREO): Select "HIGH" or

"NORMAL," then press (+) 14. If you want to

adjust to a more natural stereo sound, select

The system offers Sleep Timer and Play Timer.

At the specified time, the system is turned off

2 Press ◆/◆ 15 to select "SLEEP," then press ⊕

3 Press ◆/◆ 15 to select the specified time, then

You can select from "10MIN" (10 minutes) to

•To check the remaining time of Sleep Timer, perform steps

• Make sure you have set the clock before setting the timer

You can listen to a CD or MP3 disc, USB device or

The Play Timer setting remains as long as the

3 Press ◆/▼ 15 to select "PLAY SET," then press

4 Press ◆/▼ 15 to select time, then press ⊕ 14.

Follow the same procedure to set "MINUTE" of

the time to start operation, then "HOUR" and

"MINUTE" of the time to stop the operation.

The confirmation display for the Play Timer

• Before the preset time, the system automatically turns on.

—for a CD or USB device: about 90 seconds before the

• When the sound source is a CD, you can preprogram the

-for FM or DAB\*: about 15 seconds before the preset time

5 Press ◆/◆ 15 to select the desired sound

**6** Press **I**/**b 6** to turn off the system.

The start time flashes in the display window

• The Sleep Timer works even if the clock is not set.

To cancel the Sleep Timer

Select "OFF" in step 3 above.

Setting the Play Timer

radio every day at a preset time

See "Setting the clock."

setting is not canceled

2 Press TIMER 13.

**1** Prepare the sound source.

source, then press 🕀 14

Play timer

"90MIN" (90 minutes) in 10 minute increments.

•The Sleep Timer has priority over the Play Timer.

1 Press SOUND 12.

from the following styles

Using the timers

Setting the Sleep Timer

automatically.

press 🕀 14

1 and 2 above.

1 Press MENU 19.

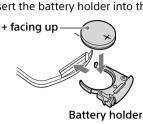
2 Press ◆/◆ 15 to select "CA+," "P-EQ" (sound effect), or "WIDE ST" (stereo effect), then press

1 Push and hold **(A)** at the rear of the remote, then pull out the battery holder in the direction of the arrow.

Changing the battery



**2** Replace the battery with the"+" facing up, then insert the battery holder into the slot.



• Wipe the battery with a dry cloth to assure a good contact • Do not hold the battery with metallic tweezers, otherwise •Use of batteries other than the CR2025 may cause a fire or

### About "SongPal"

A dedicated App for this model is available on both Google Play™ and the App Store.

### Sound settings

You can easily customize your sound, or use Sony's recommended settings "CA+."

Controlling a device connected via USB You can play music in a device connected to the USB connector.

What you can control with "SongPal" varies depending on the connected device. The specification and design of the app may change without notice.

**Device Select** Select a "SongPal" compatible device.



Settings of the connected device Various sound settings are displayed. This menu can be displayed from any screen by flicking right.

Displays functions of selected device, and apps installed on your smartphone/iPhone



Mini plave Controller for selected function

# Troubleshooting

### **Troubleshooting**

- 1 Make sure the power cord is firmly connected.
- **2** Find your problem in the checklist below, and take the indicated corrective action.
- If the issue persists, contact your nearest Sony

If the standby indicator 5 flashes Immediately unplug the power cord, and make sure the power cord is not connected to a wall outlet other than AC 220 V. • After the standby indicator 5 stops

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

The system does not turn on.

The working distance of the remote shortens Make sure you have connected the power cord as the battery becomes exhausted. When the to a wall outlet correctly. remote no longer operates the unit, replace the battery with a new CR2025 lithium battery (not

The system has entered Standby mode unexpectedly

 This is not a malfunction. The system enters Standby mode automatically in about 15 minutes when there is no operation or audio signal output. See "Setting the Automatic Standby function

### 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 canceled automatically. Perform the operation again from the beginning.

### There is no sound.

- Turn up the volume on the unit. Make sure an external component is connected correctly to the AUDIO IN jack **B** and set the function to AUDIO IN.
- The specified station may have temporarily stopped broadcast.

### Severe hum or noise occurs.

 Move the system away from sources of noise • Connect the system to a different wall outlet. • Use of an AC power tap with a noise filter (not

### supplied) is recommended The remote does not function.

- Remove any obstacles between the remote and the remote sensor 11 on the unit, and position the unit away from fluorescent lights • Point the remote at the remote sensor 11 on
- Move the remote closer to the system.
- Replace the batteries

### CD-DA/MP3 disc

the unit.

"LOCKED" appears in the display window 7 and the disc cannot be removed from the disc slot 9.

 Consult your nearest Sony dealer or local authorized Sony service facility.

### The disc or file will not play. • The disc that has not been finalized (a CD-R or

CD-RW disc to which data can be added).

The sound skips, or the disc will not play. The disc may be dirty or scratched. When the disc is dirty, wipe it clean

### Move the system to a location away from vibration (for example, on top of a stable

### Play does not start from the first track or

• Make sure the current play mode is correct. If the play mode is "SHUFFLE" or "PROGRAM," change the setting.

## Starting playback takes more time than

- The following discs can increase the time it takes to start playback -a disc recorded with a complicated tree
- –a disc recorded in multi-session format. —a disc that has many folders.

### USB device

structure.

For details on compatible USB devices, see "Compatible devices and versions."

# An unsupported USB device is connected.

- The following problems may occur. —The USB device is not recognized.
- —File or folder names are not displayed on this -Playback is not possible.
- -The sound skips.
- —There is noise

### There is no sound. • The USB device is not connected correctly. Turn

off the system, and then reconnect the USB There is noise, skipping, or distorted

### sound. An unsupported USB device is connected.

- Connect a supported USB device. • Turn off the system, then reconnect the USB device and turn on the system.
- 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. In this case, delete
- the file and send 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 —The file structure is extremely complex.

- –The internal memory is fragmented.

Not enough free space in the memory

The file or folder name (album name) is

as the data stored in the USB device may have

• The character code that can be displayed by

been corrupted.

this system are as follows

–Upper cases (A to Z).

—Symbols (< > \* +, [ ] @ \ \_

Other characters appear as "\_

The USB device is not recognized.

device, then turn on the system.

device, then turn on the system

• Turn off the system and reconnect the USB

An incompatible USB device may be connected.

The USB device does not work properly. Refer

to the operating manual supplied with the USB

An incompatible USB device may be connected.

Make sure the USB device is connected securely

• The USB device may not be supported by this

Disconnect the USB device and then reconnect

device, see the operating manual of the USB

Severe hum or noise occurs ("STEREO"

• Find a location and an orientation that provide

good reception, and then set up the antenna

Keep the antennas away from the unit, speaker

cord or other AV components to avoid picking

Several radio stations can be heard at the

Find a location and an orientation that provide

good reception, and then set up the antenna

Bundle the antenna cables using commercially

available cord clips and adjust the cable

DAB/DAB+ radio station is not received

Check all antenna connections, then perform

"Running the DAB Automatic Scan manually

• The current DAB/DAB+ service may not be

available. Press TUNING +/- 3 to select a

If you have moved to another area, some

services/frequencies may have changed

and you may not be able to tune into your

The DAB/DAB+ broadcast has been

indicated value of the signal quality.

reset the system to factory settings.

factory default settings

reset the unit for security.

Messages

during operation.

and DVD disc.

normally.

Check the location of the system or adjust

the orientation of the antenna to increase the

To reset the system to factory settings

Use buttons on the unit to reset the system to its

that the standby indicator 5 is not lit. Then

the unit until "RESET" appears in the display.

All user-configured settings, such as preset

If the problem persists after doing all of the

reconnect the power cord and turn on the

2 Press and hold FUNCTION 1 and 1/0 6 on

radio stations, timer, and the clock, are

above, consult your nearest Sony dealer.

• If you dispose of the unit or give it to another person,

The following messages may appear or flash

**CAN'T PLAY:** You have set a disc that cannot be

played back on this system, such as CD-ROM

**COMPLETE:** The station preset operation ended

If the system still does not operate properly.

**1** Disconnect the power cord and confirm

all previously stored presets.)

usual broadcast. Perform the DAB Automatic

Scan procedure to re-register the contents of

broadcasts. (Performing this procedure clears

the DAB Automatic Scan procedure. See

flashes in the display window  $\boxed{7}$ ), or

broadcasts cannot be received.

Turn off nearby electrical equipment.

Connect the antenna properly.

it. For details on the charging status of the USB

device for how to deal with this problem.

• Turn off the system and reconnect the USB

Play does not start from the first track.

Set the play mode to "NORMAL" play mode.

The USB device cannot be charged.

Numbers (0 to 9).

Play does not start.

to the  $\leftarrow$  (USB) port A.

Tuner

same time

(CMT-X5CDB only)

different service.

interrupted.

# not displayed correctly.

- Send the music data to the USB device again
- initialization. Wait for a while until the initialization is completed.
- **ERROR:** You operated the system during
  - **FULL:** You tried to program more than 25 tracks

**DATA ERROR:** You tried to play an unplayable

On heat buildup

and not cause for alarm

Cleaning the cabinet

cabinet may have become hot.

Phone/iPad/iPod touch

http://support.sony-europe.com/

Pad mini with Retina display\*

iPad (4th generation)\*

iPad (3rd generation)\*

iPod touch (5th generation)

iPod touch (4th generation)

iPod touch (3rd generation)\*

iPod nano (7th generation)\*

iPod classic, and iPod nano.

**USB** device

For customers in Europe

http://support.sony-europe.com/

devices:

"SongPal" does not support iPod touch (3rd generation)

SongPal" does not support iPad as of January 2014.

iPhone 5c, iPhone 5, iPhone 4s, iPhone 4, iPhone

3GS, iPod touch (5th generation), iPod touch (4th

Bluetooth technology works with iPhone 5s.

For customers in other countries/regions

http://www.sony-asia.com/support

For customers in Europe:

ompatible models

Phone 5s

Phone 5c

Phone 5

Phone 4s

iPhone 4

iPad Air \*

iPad mini\*

Pad 2\*

Phone 3GS

devices:

Do not obstruct the ventilation holes.

Clean this system with a soft cloth slightly

not use any type of abrasive pads, scouring

moistened with a mild detergent solution. Do

powder, or solvents, such as thinner, benzine, or

Compatible devices and versions

Check the websites below for details on the

atest supported versions of the compatible

Heat buildup on the unit during charging or

Do not touch the cabinet if it has been used

continuously at a high volume because the

operation over a long period of time is normal

- **LOCKED:** The disc slot [9] is locked and you cannot remove the disc. Contact your nearest
- Sonv dealer. NO DEVICE: No USB device is connected or the
- connected USB device has been removed.
- **NO DISC:** There is no disc in the player, or you have loaded a disc that cannot be played.
- **NO MEMORY:** The memory media is not inserted in the USB device, or the system does not identify the memory media.
- **NO STEP:** All of the programmed tracks have been erased
- NO SUPPORT: The system does not support the connected USB device. **NO TRACK:** There are not playable files on the
- USB device or disc NOT IN USE: You pressed an unplayable button.
- **OVER CURRENT:** Remove the USB device from the port and turn off the system then turn on the system **PUSH STOP:** You attempted to change the
- play mode during playback in the CD or USB **READING:** The system is reading the information
- on the CD or USB device. Some buttons do not work during reading **TIME NG:** The Play Timer start and end times are set to the same time

### Precautions/Specifications

# **Precautions**

### Discs that this system CAN play Audio CD-DA discs

• CD-R/CD-RW (audio data of CD-DA tracks and

Do not use a CD-R/CD-RW disc with no data stored. Doing so may damage the disc.

### 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, Joliet CD-R/CD-RW recorded in multi-session format
- and not closed 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 which is finalized incorrectly • CD-R/CD-RW containing files other than MPEG
- 1 Audio Layer-3 (MP3) files
- 8 cm disc • Discs of non-standard shape (for example, heart, square, star)
- Discs that have adhesive tape, paper, or sticker 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 CD-DA discs

 Before playing, wipe the disc with a cleaning cloth from the center out to the edge. • Do not clean discs with solvents, such as benzine thinner or commercially available

cleaners or anti-static spray intended for vinyl

• Do not expose discs to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight.

### On safety

- Completely disconnect the power cord (mains lead) from the wall outlet (mains) if it is not going to be used for an extended period of time. When unplugging the system, always grip the plug. Never pull the cord itself. • Should any solid object or liquid get into
- the system, unplug the system, 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 system 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 a bright light. • Be careful when placing the system on surfaces

that have been specially treated (for example,

an hour until the moisture evaporates. If the

system still does not operate, even after an

extended period, consult your nearest Sony

with wax, oil, polish) as staining or discoloration

of the surface may result. • If the system 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 system to malfunction. In this situation, remove the

### Effective communication range BLUETOOTH devices should be used within approximately 10 meters (unobstructed distance) disc, and leave the system turned on for about of each other. The effective communication

### -When a person, metal object, wall or other

- BLUFTOOTH connection Locations where a wireless LAN is installed
- Around microwave ovens that are in use
- -l ocations where other electromagnetic waves occur
- Effects of other devices

### BLUETOOTH devices and wireless LAN (IEEE 802.11b/g) use the same frequency band (2.4) GHz). When using your BLUETOOTH device near a device with wireless LAN capability electromagnetic interference may occur. This could result in lower data transfer rates, noise or inability to connect. If this happens, try the following remedies

- -Try connecting this system and BLUETOOTH mobile phone or BLUETOOTH device when you are at least 10 meters away from the wireless LAN equipment
- -Turn off the power to the wireless LAN equipment when using your BLUETOOTH device within 10 meters.

### Effects on other devices

The radio waves broadcast by this system may interfere with the operation of some medical devices. Since this interference may result in malfunction, always turn off the power on this system, BLUETOOTH mobile phone and BLUETOOTH device in the following locations: In hospitals, on trains, and in airplanes

Near automatic doors or fire alarms

Bluetooth

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- This system supports security functions that comply with the BLUETOOTH specification as a means of ensuring security during communication using BLUETOOTH technology. However, this security may be insufficien depending on the setting contents and other factors, so always be careful when performing communication using BLUETOOTH technolog
- Sony cannot be held liable in any way for damages or other loss resulting from information leaks during nmunication using BLUETOOTH technology BLUETOOTH communication is not necessarily guaranteed
- with all BLUETOOTH devices that have the same profile as BLUETOOTH devices connected with this system must comply with the BLUETOOTH specification prescribed by the BLUETOOTH SIG, Inc., and must be certified to mply. However, even when a device complies with the BLUETOOTH specification, there may be cases where the characteristics or specifications of the BLUETOOTH device control methods, display or operation.
- FM lead antenna (1) (CMT-X5CD only), DAB/FM Noise may occur or the audio may cut off depending on the BLUETOOTH device connected with this system, the communications environment, or surrounding conditions

### Specifications

Amplifier section Power output (rated): 16 watts + 16 watts (at 8 ohms, 1 kHz, 1% THD)

System: Compact disc and digital audio system

Frequency response: 20 Hz – 20 kHz

Dynamic range: More than 90 dB

Antenna: FM lead antenna

Antenna: DAB/FM lead antenna

DAB/DAB+ frequency table (Band-III)

Frequency Label Frequency

Signal-to-noise ratio: More than 90 dB

FM stereo, FM superheterodyne tuner

Antenna terminals: 75 ohms unbalanced

DAB/DAB+ tuner section (CMT-X5CDB only)

FM stereo, DAB/FM superheterodyne tuner

174.928 MHz 5A 209.936 MHz 10A

195.936 MHz 8A 230.784 MHz 13A

197.648 MHz 8B 232.496 MHz 13B

199.360 MHz 8C 234.208 MHz 13C

201.072 MHz 8D 235.776 MHz 13D

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

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

Tuning range: 87.5 MHz - 108.0 MHz (50 kHz

### RMS power output (reference): 20 watts + 20 watts (per channel at 8 ohms, 1 kHz)

Tuner section

FM tuner section:

Frequency range\*

176.640 MHz 5B

178.352 MHz 5C

180.064 MHz 5D

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

181.936 MHz 6A

Check the websites below for details on the Inputs/Outputs latest supported versions of the compatible AUDIO IN (external input) jack: Stereo mini jack, sensitivity 700 mV, impedance 47 kilohms

### For customers in other countries/regions: USB port: Type A, 5 V DC 1.5 A http://www.sony-asia.com/support CD-DA/MP3 player section

- aser Diode Properties **BLUETOOTH** wireless technology **Emission Duration: Continuous** Laser Output\*: Less than 44.6 μW BLUETOOTH wireless technology is a short-range \*This output is the value measurement at a wireless technology linking digital devices, such distance of 200mm from the objective lens as personal computers and digital still cameras. surface on the Optical Pick-up Block with 7mm Using the BLUETOOTH wireless technology, you aperture.
- can operate the units involved within a range of about 10 meters. The BLUETOOTH wireless technology is commonly used between two devices, but a single device can be connected to multiple
- You do not need wires to get connected as you do with a USB connection, and you do not need to place the devices face to face as you do with wireless infrared technology. You can use the technology with one BLUETOOTH device in your pag or pocket

standard supported by thousands of companies.

These companies produce products that meet

### **Supported BLUETOOTH version and** profiles

BLUETOOTH wireless technology is a global

the global standard.

Profile refers to a standard set of capabilities for various BLUETOOTH product capabilities. See "Specifications" for details on the supported BLUETOOTH version and profiles.

### even if it has the same profile as this system. Because of the properties of BLUETOOTH wireless technology, playback on this system is slightly delayed compared with audio playback on the transmitting device.

•To use a BLUETOOTH device connected to this system.

the device must support the same profile as this system

different depending on the specifications of the device,

Note that the functions of the BLUETOOTH device may be

range may become shorter under the following conditions.

- 202.928 MHz 9A 237.488 MHz 13E obstruction is between the devices with a
- Full-range speaker Passive radiator
- BLUETOOTH section
- BLUETOOTH Standard Power Class 2
- Line of sight approx. 10 m<sup>\*1</sup>
- Frequency band:
- 2.4 GHz band (2.4000 GHz 2.4835 GHz) Modulation method:
- Compatible BLUETOOTH profiles\*2: A2DP (Advanced Audio Distribution Profile) AVRCP (Audio Video Remote Control Profile)
- Supported codec SBC (Sub Band Codec), AAC, aptX

Transmission bandwidth

General

without notice.

- 20 Hz 20,000 Hz (with 44.1 kHz sampling) factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, reception sensitivity.
- antenna's performance, operating system software application, etc.
- purpose of BLUETOOTH communication between devices
- Power requirements 220 V - 240 V, 50 Hz/60 Hz Power consumption: 24 watts Dimensions (W/H/D) (incl. projecting parts): Approx. 385 mm × 178 mm × 81 mm Mass: Approx. 2.7 kg

Supplied accessories: Remote (RM-AMU197) (1)

CR2025 lithium battery (1), AC power cord (1),

lead antenna (1) (CMT-X5CDB only), Operating Instructions (this manual) (1)

- 204.640 MHz 9B 206.352 MHz 9C
  - 208.064 MHz 9D Frequencies are displayed to two decimal places on this system.

239.200 MHz 13F

- Speaker sectioi Speaker system
- Rated impedance: 8 ohms
- Communication system BLUETOOTH Standard version 3.0
- Maximum communication range:

- Supported content protection method:
- SCMS-T method
- \*1The actual range will vary depending on
- \*2BLUETOOTH standard profiles indicate the
- Design and specifications are subject to change

Standby power consumption: 0.5 W (all wireless network Networked Standby mode: 3 W (all wireless network ports