

Personal Audio System

Operating Instructions



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<http://www.sony.net/>

SRS-ZR7



Help Guide

(web document for a PC/smartphone)

Explains details about the unit; network and BLUETOOTH® connection method with various devices, High-Resolution Audio playback method, etc.



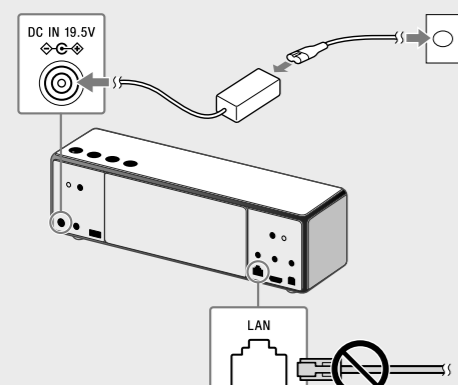
http://rd1.sony.net/help/speaker/srs-zr7/h_zz/

The Help Guide explains:

- Wi-Fi network connection details
- How to link with the SongPal app
- Network connections and playback methods for each computer OS
- BLUETOOTH connections and playback methods for various devices
- How to play High-Resolution Audio files
- Software updates
- How to connect the second and subsequent devices via Wi-Fi, etc.

STEP 1: Connecting to an AC outlet

Connect the unit to an AC outlet by using the supplied AC adaptor and AC power cord.



Make sure that a LAN cable is not connected. A wired and wireless connection cannot be used at the same time.

Go to STEP 2 for the wireless connection

STEP 2: Connecting to your Wi-Fi network

A Wi-Fi network enables you to easily enjoy music stored in wireless devices in your home.



Using a Wi-Fi network, you can play music from online music streaming services, or play the music stored on your computer or smartphone, in high quality sound. Also, you can enjoy the music in multiple rooms at the same time.

Choose how to connect the unit to your Wi-Fi network from the followings;

- **Connecting by SongPal**
Set up this unit from the smartphone/iPhone installed with SongPal.
- **Connecting by Wi-Fi Protected Setup™ (WPS)**
Set up this unit by pressing the WPS button on the wireless router.

- **Connecting by PC**
You can also connect from your computer. For details, see the Help Guide.

Connecting by SongPal

Required items: Android smartphone or iPhone/iPod touch, the wireless router

Use an Android smartphone or iPhone in which SongPal is installed to configure Wi-Fi settings of the unit.

Install SongPal onto your smartphone or iPhone. Follow the application's onscreen instructions to connect the unit to a Wi-Fi network.



Search for SongPal on Google Play™ (Play Store) or App Store.

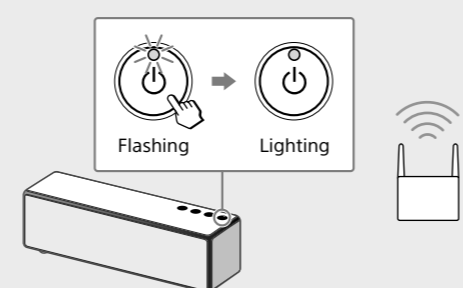
- Connect your smartphone or iPhone to this unit via BLUETOOTH. Before the connection, set the BLUETOOTH feature on your smartphone or iPhone.
- Some wireless routers have multiple SSIDs. Connect the unit and your smartphone or iPhone to the same SSID.

Go to STEP 3 for playing music

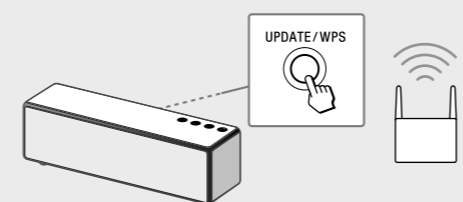
Connecting by Wi-Fi Protected Setup™ (WPS)

Required item: Wireless router with the Wi-Fi Protected Setup™ (WPS) button

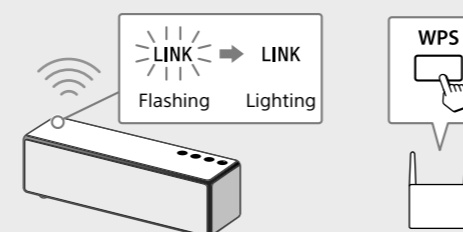
- 1 Place the unit close to your wireless router, and then press the (power) button to turn on the unit. The (power) indicator starts flashing. Wait until the indicator stops flashing. It may take about 30 seconds.



- 2 Press and hold the UPDATE/WPS button of the unit until it beeps (about two seconds).



- 3 Within 90 seconds, press the Wi-Fi Protected Setup™ (WPS) button of the router.



Depending on the wireless router, press and hold the Wi-Fi Protected Setup (WPS) button for a few seconds. For details, refer to the operating instructions of your router. When the LINK indicator lights up in orange, the Wi-Fi network connection is complete.

Go to STEP 3 for playing music

STEP 3: Listening to music via Wi-Fi

To listen to music via Wi-Fi, SongPal is recommended to be used for your smartphone or iPhone.

Installing SongPal on your smartphone/iPhone

If SongPal is already installed, skip this installing. See "Listening to music from this unit using SongPal."

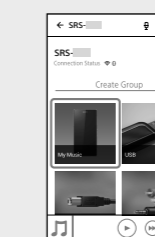
- 1 Install SongPal on your smartphone/iPhone. Search for SongPal on Google Play (Play Store) or App Store.
- 2 Tap [SongPal] on your smartphone/iPhone to start the app, and then follow the onscreen instructions.
- 3 When the screen on the right is displayed, tap [SRS-ZR7].



Listening to music from this unit using SongPal

Required items: Android smartphone/iPhone/iPod touch installed with SongPal

- 1 Tap your smartphone/iPhone to play music in your smartphone/iPhone by operating SongPal.

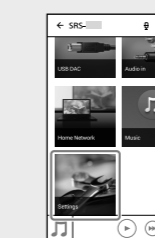


- 2 After selecting music, start playback and adjust the volume.

Listening to music from this unit using Google Cast

Required items: Android smartphone/iPhone/iPod touch installed with SongPal

- 1 Set up Google Cast. If an application that corresponds with Google Cast is already installed, go to step 2.
 - a. Tap your smartphone/iPhone to play music in your smartphone/iPhone by operating SongPal.
 - b. Touch [Settings].
 - c. Touch [Google Cast].
 - d. Touch [Learn how to cast].
 - e. Check how to use the service and which application corresponds with Google Cast, and then select an application to install it.
- 2 Start the installed application that corresponds with Google Cast.
- 3 Touch the Cast icon, and then select [SRS-ZR7].



- 4 Start playback on the application, and adjust the volume.

Other methods

Other methods for listening to music via Wi-Fi

The Help Guide explains how to play music in other ways.



You can listen to the music stored on your Xperia by operating the Music app, or the music stored on your PC by using the free software, MediaGo.

SongPal Link

You can listen to your favorite music with various styles by wireless speaker combinations.



Wireless Multi-room

Enfold your rooms with music by a group of speakers simultaneously.



Wireless Surround

Enjoy even greater surround sound with additional Sony's Sound BAR (not included).*
* Please refer to the following URL for the compatible Sony's Sound BAR or AV Receiver.
<http://sony.net/nasite/>



Wireless Stereo

Pair two speakers together to create wider, stereo sound.

Wireless Stereo and Wireless Surround can be used after you update the software of the unit. For information about updating, refer to the Help Guide.

For more details about the following connections, playback methods, and other information, refer to the Help Guide.

BLUETOOTH

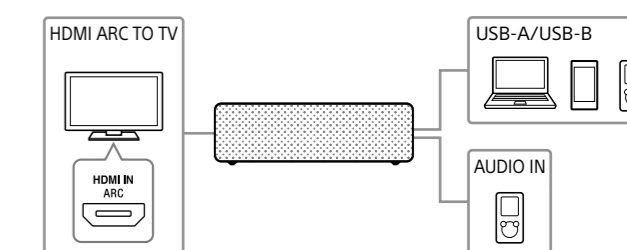
You can listen to music from BLUETOOTH device over a wireless connection. Before using the BLUETOOTH function, perform pairing to register your BLUETOOTH device.



Connected components

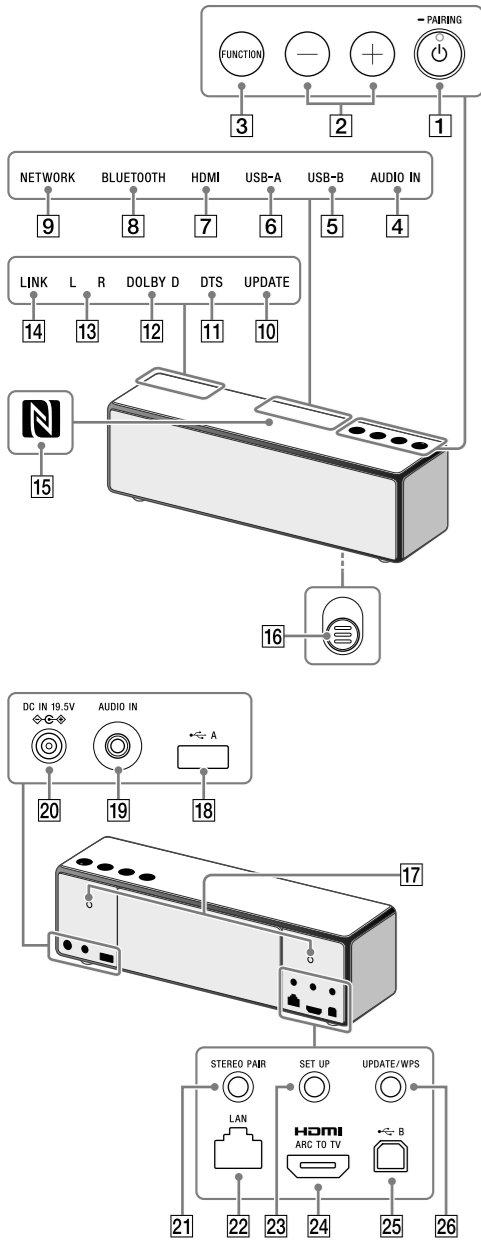
You can listen to music from your computer, smartphone, portable music player, or USB flash drive by connecting to the USB-A or USB-B port on this unit. For High-Resolution Audio, use the USB-B port with the USB cable. Or, you can listen to music from your portable music player by connecting to the AUDIO IN jack on this unit.

If you connect the HDMI cable (not supplied: High Speed Type) to the HDMI IN ARC port on your TV and the HDMI ARC TO TV port on this unit, you can listen to TV sound from this unit.



* ARC is a feature to send TV sound from the HDMI input port of a TV to an AV device using the HDMI cable.

Parts and controls



- ↕ (power)/= PAIRING button/indicator
- VOLUME ⊖/⊕ buttons
- FUNCTION button
- AUDIO IN indicator
- USB-B indicator
- USB-A indicator
- HDMI indicator
- BLUETOOTH indicator
- NETWORK indicator
- UPDATE indicator
- DTS indicator
- DOLBY D indicator
- L R indicators*¹
- LINK indicator
- N-Mark
- Grille detachment lever
- Screw hole for wall mounting*²
- USB-A port (↔ A)
- AUDIO IN jack
- DC IN 19.5V jack
- STEREO PAIR button*¹
- LAN port
- SET UP button*¹
- HDMI ARC TO TV port
- USB-B port (↔ B)
- UPDATE/WPS button

^{*1} This will be available after updating the software on this unit. For details, see the Help Guide.

^{*2} Use the holes to mount the unit on a wall. For details, see the Help Guide.

When the indicator is lit or flashing

The color of the lit/flashing indicators indicates the condition of the any settings. For details, see the Help Guide.

To check the Wi-Fi signal strength (reception sensitivity)

Touch/press and hold the VOLUME ⊖ button and SET UP button. Depending on the signal strength, indicators [6] to [9] will be lit. The number of lighting indicators is relative to the signal strength. If the signal is weak, no indicators will be lit. For details, see the Help Guide.

When the indicator is lit or flashing

↕ (power) indicator

Indicator status (color)	Unit status
Lights up (green)	The unit is turned on.
Lights up (orange)	The unit is in the BLUETOOTH/network standby mode.
Lights off	The unit is in the standby mode.
Flashes (green)	<ul style="list-style-type: none">When you turn on the unit, the indicator flashes slowly in green, and then lights up. When you touch the VOLUME ⊖/⊕ buttons, the indicator flashes once or three times according to the volume adjustment.
Flashes (red)	A software update is failed, or the unit is in the protect mode.

Indicator status (color)	Unit status
Lights up (orange)	The unit is connected to a Wi-Fi network.
Lights up (pink)	The unit is connected to a wired network.
Flashes (orange)	The unit is in the process of connecting to a Wi-Fi network.
Flashes (pink)	The unit is in the process of connecting to a wired network.
Flashes (red)	The network connection failed.
Lights up (red)	The network connection failed, or connection failed even though the network setting is complete.

Indicator status (color)	Unit status
Lights up (white)	The unit is in the NETWORK mode.

The color of the lit/flashing indicator changes depending on the connected music service. For details, see the Help Guide.

UPDATE indicator

Indicator status (color)	Unit status
Lights up (orange)	The unit detects the latest software while connected to the Internet.
Flashes (orange)	The unit is updating the software. During the update, you cannot operate the unit.

Before operating the unit, please read this guide thoroughly and retain it for future reference.

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 appliance with newspapers, tablecloths, curtains, etc. Do not expose the appliance to naked flame sources (for example, lighted candles).

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

The AC adaptor 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.

As the main plug of AC adaptor is used to disconnect the AC adaptor from the mains, connect it to an easily accessible AC outlet. Should you notice an abnormality in it, disconnect it from the AC outlet immediately.

Please note that water doesn't splash, this product is not waterproof specification.

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.

CAUTION

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 Minato-ku Tokyo, 108-0075 Japan. Inquiries related to product compliance based on European Union legislation shall be addressed to the authorized representative, Sony Belgium, bijkantoor van Sony Europe Limited, Da Vincilaan 7-D1, 1935 Zaventem, Belgium. For any service or guarantee matters, please refer to the addresses provided in the separate service or guarantee documents.

The validity of the CE marking is restricted to only those countries where it is legally enforced, mainly in the countries EEA (European Economic Area).



This product is intended to be used in the following countries: GB/IE/MT/IT/FR/NL/LU/BE/CH/LI/AT/DE/ES/GI/PT/HU/SI/SK/CZ/BG/RO/MD/HR/RS/ME/MK/AL/Kosovo/BA/LT/LV/EE/GR/CY/PL/FI/NO/SE/DK/IS/FO/GL/TR


Notice for the customers in Europe

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/

5,150 - 5,350 MHz band is restricted to indoor operations only.

This equipment has been tested and found to comply with the limits set out in the EMC regulation using a connection cable shorter than 3 meters.

 **Disposal of waste batteries and electrical and electronic equipment (applicable in the European Union and other European countries with separate collection systems)**

This symbol on the product, the battery or on the packaging indicates that the product and the battery 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 products and 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. 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 and the electrical and electronic equipment will be treated properly, hand over these products 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 or battery.

Recommended cables

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

Troubleshooting

If a problem occurs while operating the unit, check the following to resolve the problem before consulting your nearest Sony dealer.

- Check in the Help Guide. http://rd1.sony.net/help/speaker/srs-zr7/h_zz/



- Check information about the problem on the customer support website. http://www.sony.eu/support
 - Disconnect the AC power cord from the unit, and then connect it again.
 - Connect the unit to the HDMI ARC port on your TV to listen to TV sound from this unit.
- If the problem persists after doing all of the above, consult your nearest Sony dealer.

Precautions

On safety

The nameplate and important information concerning safety are located on the bottom exterior of the main unit and on the surface of the AC adaptor.

The MAC address is located on the bottom exterior of this unit.

MAC1: MAC address of wired network

MAC2: MAC address of Wi-Fi network

- Before operating the unit, be sure that the operating voltage of the unit is identical with that of your local power supply.

Notes on the AC adaptor

- When connecting or disconnecting the AC adaptor, turn off the unit beforehand. Otherwise, it may cause malfunction.
- Use only the supplied AC adaptor. To avoid damaging the unit, do not use any other AC adaptor.



Polarity of the plug

- Plug the AC adaptor into a nearby AC outlet. In the case of a problem, unplug it from the AC outlet immediately.
- Do not install the AC adaptor in a confined space, such as a bookcase or built-in cabinet.

The MAC address of Wi-Fi network is located on the bottom exterior of this unit.

- Before operating the unit, be sure that the operating voltage of the unit is identical with that of your local power supply.

On placement

- Do not set the unit in an inclined position.
- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust, moisture, rain or mechanical shock.

On wall mounting

- Have the installation done by a Sony dealer or licensed contractor and pay special attention to safety during the installation.
- Prepare the wall mount bracket (not supplied) and screws (not supplied) that are suitable for the wall material and strength when you mount the unit on the wall. As a plasterboard wall is especially fragile, attach the bracket and screws securely in the wall beam. Install the unit horizontally, hung by screws in studs in a continuous flat section of the wall.
- Keep enough space behind the unit when you mount the unit on a wall, so that you can connect other devices to the unit. For details, refer to the Help Guide.
- Sony shall not be held responsible for accidents or damage caused by improper installation, insufficient wall strength, improper screw installation or natural disaster, etc.

On operation

- Do not insert any small objects, etc., into the jacks or ventilation hole on the rear of the unit. The unit may short out or malfunction.

On cleaning

- Do not use alcohol, benzine, or thinner to clean the cabinet.

Others

- If you have any questions or problems concerning this unit that are not covered in this document, please consult your nearest Sony dealer.
- When disposing of or giving away this unit, make sure to initialize it to reset all settings to the factory defaults. For details, see the Help Guide.

On copyrights

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- iPhone and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. "Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this unit or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.
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- MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.
- The N-Mark is a trademark or registered trademark of NFC Forum, Inc. in the United States and in other countries.
- This unit incorporates High-Definition Multimedia Interface (HDMI™) technology. The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.
- This system incorporates Dolby® Digital and the DTS** Digital Surround System. This system incorporates Dolby® Digital.

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- Spotify and Spotify logos are trademarks of the Spotify Group.
- The unit names and product names indicated in this document are generally the trademarks or registered trademarks of the manufacturer. ™ and ® marks are omitted in this document.

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http://rd1.sony.net/help/speaker/sl/16/



Notice on GNU GPL/LGPL applied software

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To download, please access the following URL then select the model name "SRS-ZR7". URL: http://oss.sony.net/Products/Linux/ Please note that Sony cannot answer or respond to any inquiries regarding the content of the source code.

Notes on the update

If you use this unit while connected to the Internet via a Wi-Fi network, the unit can update to the latest software automatically. By updating the software, new features will be added enabling you to experience more convenient and stable use.

If you do not want to automatically update the software, you can disable this function by using the SongPal installed on your smartphone/ iPhone.

However, the software may be updated automatically for stable use, etc., even if you disable this function. Also, if you disable this function, you can still update the software manually.

For details about how to set and operate, refer to the Help Guide.

The unit may not be operational while updating.

Disclaimer regarding services offered by third parties

Services offered by third parties may be changed, suspended, or terminated without prior notice. Sony does not bear any responsibility in these sorts of situations.

Specifications

General

Power

Power requirements

DC 19.5 V (using the supplied AC adaptor connected to AC 100 V - 240 V, 50 Hz/60 Hz power supply)

Power consumption

45 W

Power consumption (during standby mode)

Less than 0.5 W

Power consumption (during BLUETOOTH/network standby mode)

Less than 3 W

Dimensions (including projecting parts and controls)

Approx. 300 mm × 93 mm × 86 mm (w/h/d)

Mass

Approx. 1.8 kg

Supplied accessories

AC power cord (2)

AC adaptor (1)

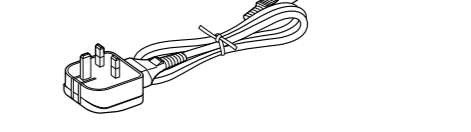
Operating Instructions (this document)

Warranty card (1)

For customers in the UK, Ireland, Malta, Cyprus, and Hong Kong: Use the AC power cord (mains lead) (A). For safety reasons, the AC power cord (mains lead) (B) is not intended for the above countries/regions and shall therefore not be used there.

For customers in other countries/regions: Use the AC power cord (mains lead) (B).

(A)



(B)



The AC power cord (mains lead) (B) is not supplied for customers in Hong Kong.

Section for USB port

USB A port (↔ A)

You can connect a USB flash drive or Walkman® that is compatible with this unit.

Supported format*

MP3: 32/44.1/48 kHz, 16 - 320 kbps (CBR/VBR)

AAC: 16/22.05/24/32/44.1/48 kHz, 16 – 320 kbps (CBR/VBR)

WMA: 32/44.1/48 kHz, 16 – 320 kbps (CBR/VBR)

WAV: 16/22.05/24/32/44.1/48/88.2/96/176.4/192 kHz (16/24 bit)

AIFF: 32/44.1/48/88.2/96/176.4/192 kHz (16/24 bit)

FLAC: 16/22.05/24/32/44.1/48/88.2/96/176.4/192 kHz (16/24 bit)

ALAC: 16/22.05/24/32/44.1/48/88.2/96/176.4/192 kHz (16/24 bit)

DSD (DSF/DSDIFF): 2.8/5.6 MHz (1 bit)

Transfer speed

High-speed

Supported USB device

Mass Storage Class (MSC)

USB B port (↔ B)

You can connect a compatible device such as a PC, etc., to this unit using a USB cable.

Supported format*

PCM: 44.1/48/88.2/96/176.4/192 kHz (16/24/32bit)

DSD (DSF/DSDIFF): 2.8/5.6 MHz (1 bit)

^{*} Compatibility with all encoding/writing software, recording devices and recording media cannot be guaranteed.

Compatible iPhone/iPod models

Bluetooth technology works with iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPhone 4s, iPod touch (6th generation), iPod touch (5th generation).

Note

Sony cannot accept responsibility in the event that data recorded to iPhone/iPod is lost or damaged when using your iPhone/iPod connected to this unit.

Design and specifications are subject to change without notice.

