

Wireless Transmitter
WLA-NS7

The following explains how to use this transmitter. Select a topic from the navigation pane.
Design and specifications are subject to change without notice.

Getting started[Parts and controls](#)**Making connections**[Connecting the transmitter and a TV](#)[Connecting the transmitter with BLUETOOTH® headphones](#)[Terminating the BLUETOOTH connection \(After use\)](#)**Listening to TV audio**[Enjoying TV audio in spatial sound through Sony brand headphones](#)[Terminating audio output in spatial sound \(After use\)](#)[Listening to TV audio through headphones](#)**Information**

[About the indicator on the transmitter](#)

Notes on use

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Troubleshooting

[What can I do to solve a problem?](#)

Sound

- └ [No sound/Sound from only one speaker component/Low sound level/Distorted sound/Humming or noise in the speaker output](#)

BLUETOOTH connection

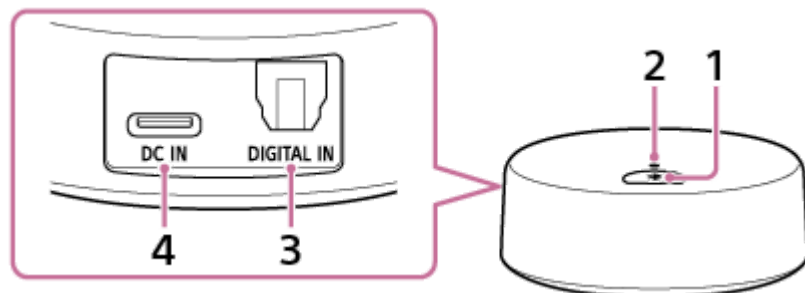
- └ [Unable to pair the transmitter with a BLUETOOTH device](#)


Reset

- └ [Initializing the transmitter](#)

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Parts and controls



1.  (BLUETOOTH) button
2. Indicator (lights in orange or blue)
The power or communication state of the transmitter is indicated by the orange or blue indicator.
3. DIGITAL IN (optical digital audio input) port
4. DC IN port (USB Type-C[®])

Related Topic

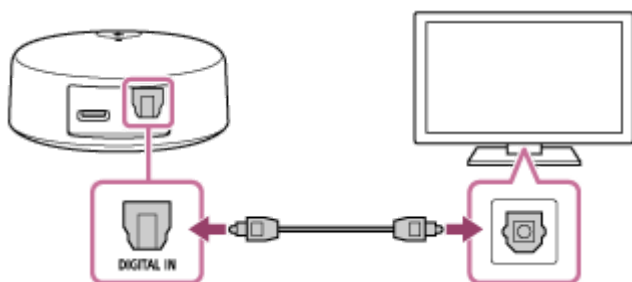
- [About the indicator on the transmitter](#)

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Connecting the transmitter and a TV

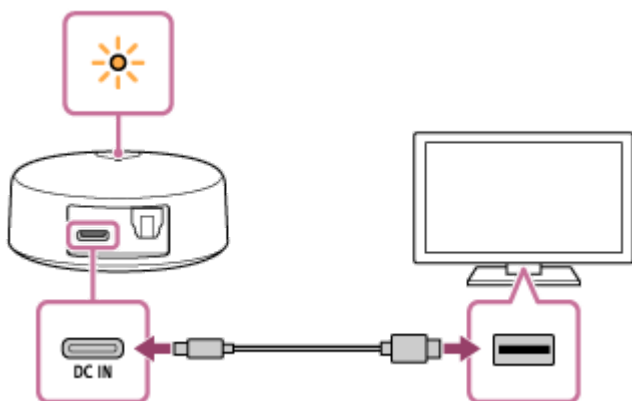
Make preparations for wireless transmission of TV audio from the transmitter to your BLUETOOTH headphones.

- 1 Connect the **DIGITAL IN** (optical digital audio input) port on the transmitter and the optical digital audio output port on a TV with the supplied optical digital cable.

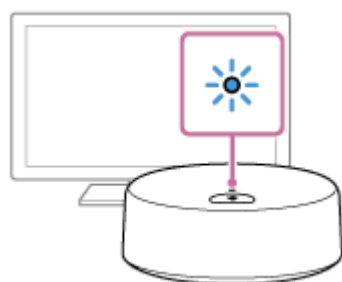


- 2 Connect the **DC IN** port on the transmitter and the **USB** port on the TV with the supplied USB Type-C® cable.

While the transmitter is powered and receiving no audio signals, the indicator on the transmitter keeps flashing in orange.



When you pair the transmitter with a BLUETOOTH device for the first time after purchase or after you initialize the transmitter (and all the pairing information is deleted from the transmitter), powering the transmitter automatically puts it into pairing mode and the indicator on the transmitter starts double-flashing in blue.



Hint

- If your TV is not equipped with a USB power output port, connect the transmitter to an AC outlet with a commercially available USB AC adaptor.

3 Turn on the TV and make settings on it.

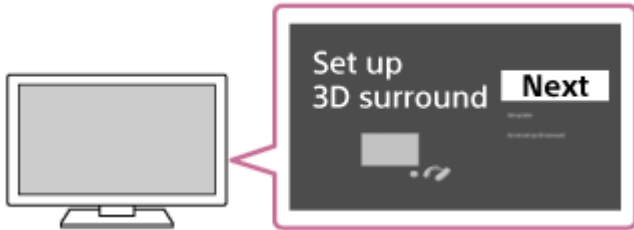
For details, refer to the operating instructions supplied with your TV.

When using a BRAVIA XR™ TV:

By using a BRAVIA XR TV in combination with Sony brand headphones, you can enjoy TV audio in spatial sound. Follow the on-screen instructions on the TV to make settings for the 3D surround functions.

For the compatible TV models and Sony brand headphones, access the following URL.

https://www.sony.net/tr_comp_tvhp

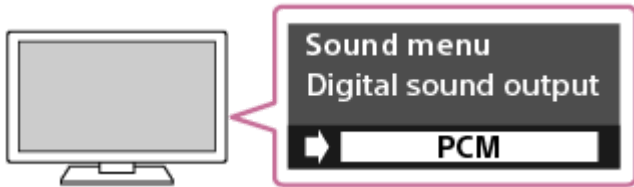


Hint

- As long as the 3D surround functions remain active on the BRAVIA XR TV, you can enjoy TV audio in spatial sound just by connecting the transmitter with Sony brand headphones from the next time on.

When using a non-BRAVIA XR TV:

Specify PCM as the digital audio output method on the TV.



When any digital audio output method other than PCM is specified on the TV, the BLUETOOTH headphones may fail to output TV audio successfully.

Hint

- Upon completion of setting the digital audio output method, the indicator on the transmitter turns from orange to blue.

Note

- On non-BRAVIA XR TVs, spatial sound is not available.
- While TV audio is playing in spatial sound, no audio comes out from the TV. The volume control feature of the TV remote control is disabled as well.
- Control over the volume of the headphones connected with the transmitter via a BLUETOOTH connection is not available on the TV.
- Watching a video on a non-BRAVIA XR TV while listening to its audio via the headphones connected with the transmitter may cause unsynchronized video and audio.

Related Topic

- [Connecting the transmitter with BLUETOOTH® headphones](#)
- [Listening to TV audio through headphones](#)

- Enjoying TV audio in spatial sound through Sony brand headphones
- Terminating audio output in spatial sound (After use)
- About the indicator on the transmitter

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Connecting the transmitter with BLUETOOTH® headphones

The process to register the information of a target device required for BLUETOOTH connection is called pairing. To use a device in combination with the transmitter via a BLUETOOTH connection, it is necessary to pair the transmitter with devices on an individual basis.

Before proceeding, make sure of the following:

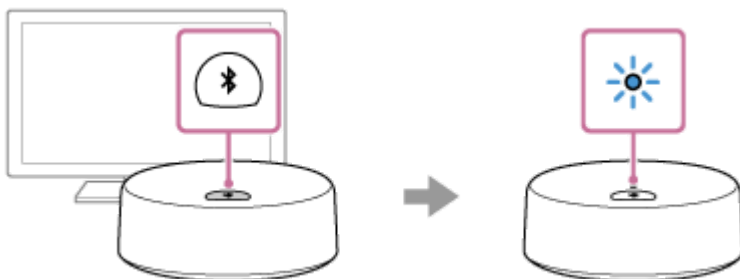
- Bring BLUETOOTH headphones within a distance of 1 m (3.2 ft) from the transmitter.
- Connect the transmitter to a TV or an AC outlet with the supplied USB Type-C® cable.
- To avoid any sudden loud sound output from the headphones, turn down the volume of the headphones.
- Bring the operating instructions supplied with the headphones at hand for reference.

Note

- Control over the headphones' volume is not available on any TV. Keep this in mind when using headphones without the volume control feature.

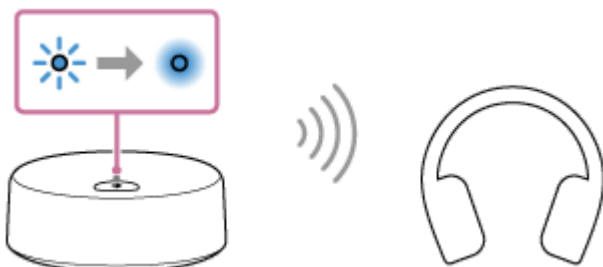
1 Press and hold the (BLUETOOTH) button on the transmitter for about 5 seconds.

The indicator on the transmitter starts double flashing in blue to indicate that the transmitter is in pairing mode.



2 Put your headphones into pairing mode to establish a BLUETOOTH connection with the transmitter.

When a BLUETOOTH connection is established, the indicator on the transmitter stops flashing and stays lit in blue.



If a BLUETOOTH connection is not established, repeat the procedure all over again from step 1.

Hint

- The above instructions are provided as an example. For details, refer to the operating instructions supplied with your headphones.

Note

- The transmitter comes out of pairing mode in about 5 minutes and the indicator on the transmitter stops flashing and stays lit in blue. However, when the transmitter has no pairing information, for example when you use the BLUETOOTH function of the transmitter for the first time after purchase, the transmitter remains in pairing mode.
If the transmitter comes out of pairing mode before you complete the procedure, repeat the procedure all over again from step ①.
- Once the transmitter is paired with the BLUETOOTH headphones, there is no need to pair them again, except in the following cases:
 - Pairing information is deleted in the course of repair work, etc.
 - The pairing information of the transmitter is deleted from the paired BLUETOOTH device.
 - The transmitter is initialized.
All the pairing information is deleted. Once the transmitter is initialized, it may fail to establish a BLUETOOTH connection with the headphones.

Related Topic

- [Connecting the transmitter and a TV](#)

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Terminating the BLUETOOTH connection (After use)

When you are finished with using the BLUETOOTH device, perform any of the following operations to terminate the BLUETOOTH connection.

- Turn off the BLUETOOTH function on the BLUETOOTH device.
For details, refer to the operating instructions supplied with the device.
- Turn off the BLUETOOTH device.

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Enjoying TV audio in spatial sound through Sony brand headphones

By using a BRAVIA XR™ TV in combination with Sony brand headphones, you can enjoy TV audio in spatial sound as well as Dolby Atmos contents.

For the compatible TV models and Sony brand headphones, access the following URL.

https://www.sony.net/tr_comp_tvhp



1 Connect the transmitter and a TV, and then make settings for the 3D surround functions on the TV.

2 Establish a BLUETOOTH connection between the transmitter and the headphones.

When a BLUETOOTH connection is established, audio output is switched from the TV to the headphones.

3 Wear the headphones.



4 Adjust the volume on the headphones.



Hint

- Control over the volume of the headphones connected with the transmitter via a BLUETOOTH connection is not available on the TV.
- As long as the 3D surround functions remain active on the BRAVIA XR TV, you can enjoy TV audio in spatial sound just by connecting the transmitter with the headphones from the next time on.

Note

- While TV audio is playing in spatial sound, no audio comes out from the TV. The volume control feature of the TV remote control is disabled as well.
- While the headphones are connected with the transmitter, operations with the headphones, such as pausing the current playback content or skipping to the next playback content, are not available.

Related Topic

- [Connecting the transmitter and a TV](#)
- [Terminating audio output in spatial sound \(After use\)](#)

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Terminating audio output in spatial sound (After use)

While TV audio is playing in spatial sound, no audio comes out from the TV.

To terminate audio output in spatial sound, perform any of the following operations to deactivate the 3D surround functions.

- Turn off the headphones.
- Deactivate the 3D surround functions on the TV.
For details, refer to the operating instructions supplied with the TV.

Hint

- When audio output in spatial sound is terminated, you hear audio coming out from the TV.
- As long as the 3D surround functions remain active on the BRAVIA XR™ TV, you can enjoy TV audio in spatial sound just by connecting the transmitter with Sony brand headphones from the next time on.

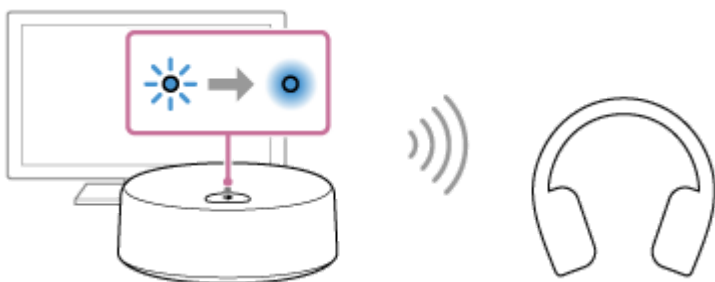
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Listening to TV audio through headphones

You can listen to TV audio through your BLUETOOTH headphones connected with the transmitter via a BLUETOOTH connection.


- 1 **Connect the transmitter and a TV, and then specify PCM as the digital audio output method on the TV.**
- 2 **Establish a BLUETOOTH connection between your BLUETOOTH headphones and the transmitter.**

When a BLUETOOTH connection is established, you hear TV audio coming out both from the TV and the headphones.



If no audio comes out, press the  (BLUETOOTH) button on the transmitter briefly once.

Hint

- If no audio comes out when you press the  (BLUETOOTH) button, the transmitter may be connected with another BLUETOOTH device. In such a case, terminate the BLUETOOTH connection with the connected device, and then pair the transmitter with the headphones all over again.

- 3 **Listen to TV audio.**

Wear the headphones and adjust the volume on the headphones.



Note

- While the headphones are connected with the transmitter, operations with the headphones, such as pausing the current playback content or skipping to the next playback content, are not available.
- Control over the headphones' volume is not available on the TV. Keep this in mind when using headphones without the volume control feature.

- Watching a video on a non-BRAVIA XR™ TV while listening to its audio via headphones may cause unsynchronized video and audio.

Related Topic

- [Connecting the transmitter and a TV](#)
- [Connecting the transmitter with BLUETOOTH® headphones](#)

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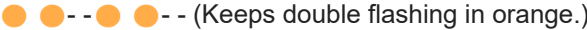

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About the indicator on the transmitter

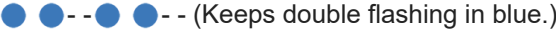
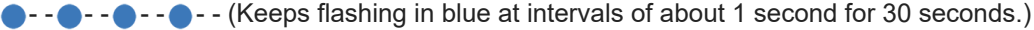
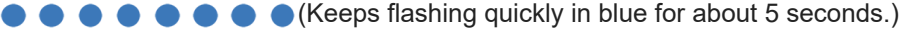

The indicator provides the following information concerning the transmitter.

●: Lit in blue / ●: Lit in orange / -: Unlit

The transmitter is being powered


- The transmitter is receiving no audio signals:
 (Keeps flashing in orange.)
- PCM is not specified as the digital audio output method:
 (Keeps double flashing in orange.)
- The transmitter is receiving audio signals:
 (Stays lit in blue.)

Information about the BLUETOOTH function

- The transmitter is in pairing mode:
 (Keeps double flashing in blue.)
- A connection attempt is in process:
 (Keeps flashing in blue at intervals of about 1 second for 30 seconds.)
- A connection is established:
 (Keeps flashing quickly in blue for about 5 seconds.)
- A connection attempt is on hold/in process:
 (Stays lit in blue.)

Other information

Initialization is complete:

 (Flashes 4 times in blue.)

For details, see [Initializing the transmitter](#).

Related Topic

- [Parts and controls](#)
- [Initializing the transmitter](#)

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Precautions

On safety

- Refer to the Operating Instructions supplied with the transmitter.
- Important information such as the model name is located on the bottom of the transmitter.
- Do not keep listening at a loud volume for an extended period of time. Hours of listening at an ear-splitting volume level may damage your hearing. To protect your hearing, keep the volume at an appropriate level.
- Keep the volume low at first. Sudden loud sound may damage your hearing. It is advised that you gradually turn up the volume.
- Do not use the headphones while walking, driving or cycling. Doing so may cause traffic accidents.
- Do not use at a dangerous place unless the surrounding sound can be heard.

On placement

- Do not splash water onto this product and the supplied accessories. Those are not waterproof.
- To eliminate the risk of malfunctions, avoid the following locations when placing or leaving this transmitter.
 - A place subject to high temperatures, such as under direct sunlight or lighting equipment, near a heat source, or in a sauna
 - A place subject to excessive dust
 - A place subject to strong vibration
- Place this transmitter on a flat, level surface. When placed on a sloped surface, the transmitter may fall over or fall off the surface due to its own vibration, resulting in injuries, malfunctions, or performance degradation.
- Depending on the conditions where this transmitter is placed, it may fall off the surface. Do not leave any valuables near the transmitter.

How to care for the transmitter

- When the transmitter is soiled on the surface, wipe off the soil with a dry, soft cloth or a well-wrung cloth dipped in tap or lukewarm water.
- If the surface of the transmitter gets dirty, do not use detergent, thinner, benzine, alcohol, etc. to clean the transmitter.

Others

- Do not use or leave the transmitter in an extremely cold or hot environment (temperature outside the range of 5 °C - 35 °C (41 °F - 95 °F)). If the transmitter is used or left in outside the above range, the transmitter may automatically stop to protect internal circuitry.
- If you have any questions or problems concerning the transmitter that are not covered in this Help Guide, consult your nearest Sony dealer.

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About the BLUETOOTH wireless technology

The BLUETOOTH wireless technology operates within a range of about 30 m (about 98 ft).

Supported version and profiles of the BLUETOOTH standard

A profile is a set of functions standardized for every characteristic of BLUETOOTH devices. The transmitter supports the following version and profiles of the BLUETOOTH standard.

Supported BLUETOOTH version: BLUETOOTH standard, version 5.0

Supported BLUETOOTH profile:

- A2DP (Advanced Audio Distribution Profile): Enables transmission and reception of high-quality music contents.

Maximum communication range

Use the BLUETOOTH wireless technology between the transmitter and a device that are located within about 30 m (about 98 ft) from each other.

Maximum communication range may shorten under the following conditions.

- There is an obstacle such as a person, metal, or wall between the transmitter and BLUETOOTH device.
- A wireless LAN device is in use near the transmitter.
- A microwave oven is in use near the transmitter.
- A device that generates electromagnetic radiation is in use near the transmitter.

Interference from other devices

Because BLUETOOTH devices and wireless LAN (IEEE802.11b/g) use the same frequency (2.4 GHz), microwave interference may occur and result in communication speed deterioration, noise, or invalid connection if the transmitter is used near a wireless LAN device.

Interference to other devices

Microwaves emitted from a BLUETOOTH device may affect the operation of electronic medical devices. Turn off the transmitter and other BLUETOOTH devices in the following locations, as it may cause an accident.

- Where inflammable gas is present, in a hospital, train, airplane, or a gas station
- Near automatic doors or a fire alarm

Note

- To be able to use the BLUETOOTH function, the BLUETOOTH device to be connected requires the same profile as the transmitter's. Note also that even if the same profile exists, devices may vary in function depending on their specifications.
- Due to the characteristics of BLUETOOTH wireless technology, there is a slight delay in playback on the BLUETOOTH device receiving audio or music in comparison to the one sending it.
- The transmitter supports security capabilities that comply with the BLUETOOTH standard to provide a secure connection when the BLUETOOTH wireless technology is used, but security may not be enough depending on the setting. Be careful when communicating using BLUETOOTH wireless technology.
- We do not take any responsibility for the leakage of information during BLUETOOTH communication.
- BLUETOOTH devices to connect with the transmitter must comply with the BLUETOOTH standards prescribed by Bluetooth SIG, Inc., and must be certified as compliant. While they comply with the BLUETOOTH standards, however, there may be cases that connection attempts fail; or operations on the device, contents displayed on the device, or behaviors of the device vary depending on the characteristics or specifications of the BLUETOOTH device.

- Noise or sound interruption may occur depending on the BLUETOOTH device connected with the transmitter, the communication environment or the usage environment.
- Establishing a BLUETOOTH connection between the transmitter and a device with a built-in radio or tuner may cause noise in audio from the device. The transmitter should not be used with such a device via BLUETOOTH connection.
- Keep the transmitter away from a device, such as a radio or a tuner. Use of the transmitter in the vicinity of such a device may cause noise in audio from the device.

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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.

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Trademarks

- The BLUETOOTH® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Sony Corporation is under license.
- Dolby, Dolby Atmos, and the double-D symbol are registered trademarks of Dolby Laboratories Licensing Corporation.
- USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.
- Other trademarks and trade names are those of their respective owners.
- ™ and ® marks are omitted in the documents.

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What can I do to solve a problem?

If the transmitter does not function as expected, try the following steps to resolve the issue.

- Find the symptoms of the issue in this Help Guide and try any corrective actions listed.
- Initialize the transmitter.
All the pairing information is deleted.
- Look up information on the issue on the customer support website.
- Access the following support home pages to get support information about your transmitter:
 - For customers in Americas:
<https://www.sony.com/am/support>
 - For customers in Europe:
<https://www.sony.eu/support>
 - For customers in China:
<https://service.sony.com.cn>
 - For customers in other countries/regions:
<https://www.sony-asia.com/support>

If the operations above do not work, consult your nearest Sony dealer.

Related Topic

- [Initializing the transmitter](#)

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No sound/Sound from only one speaker component/Low sound level/Distorted sound/Humming or noise in the speaker output


- While the 3D surround functions are active on the BRAVIA XR™ TV, no audio comes out from the TV. When you want to hear TV audio both from the TV and the BLUETOOTH headphones, deactivate the 3D surround functions.
- When using a non-BRAVIA XR TV, make sure that PCM is specified as the digital audio output method on the TV. For specifying the method, refer to the operating instructions supplied with the TV.
- Make sure that the TV and the headphones are turned on.
- Disconnect the transmitter from the TV and connect it back to the TV. Be sure to plug the cable all the way into the port.
- Make sure that the volume of the headphones is loud enough.
- Pair the transmitter with the headphones all over again.
- Depending on the headphones, changing the preference for the quality for music playback via BLUETOOTH connections is available. In such a case, select the "Priority on Stable Connection" (SBC) preference. For details, refer to the operating instructions supplied with your headphones.
- Make sure that the equalizer function is deactivated on the TV.
- Move the transmitter and the headphones away from a device such as a microwave oven and a wireless LAN access point.
- Bring the headphones closer to the transmitter. If there is any obstacle between the transmitter and the headphones, move it out of the way.
- Keep the transmitter away from a device such as a radio or a tuner. Use of the transmitter in the vicinity of such a device may cause noise in audio from the device.
- If there is radio interference with another wireless device (a TV, a soundbar, etc.), change the location of the transmitter. (For example, move the transmitter from left to right or center.)

Related Topic

- [Connecting the transmitter and a TV](#)
- [Connecting the transmitter with BLUETOOTH® headphones](#)
- [Listening to TV audio through headphones](#)
- [About the indicator on the transmitter](#)

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Unable to pair the transmitter with a BLUETOOTH device


- Bring the BLUETOOTH headphones within a distance of 1 m (3.2 ft) from the transmitter.
 - Make sure that the transmitter and the headphones are turned on and in pairing mode.
 - When the indicator on the transmitter is not double flashing in blue, press and hold the  (BLUETOOTH) button for about 5 seconds.
This makes the indicator start double flashing (pairing mode).
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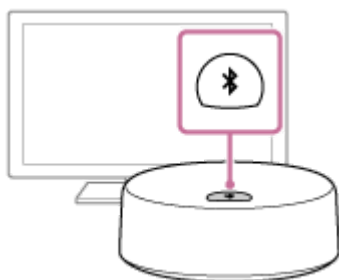
Related Topic

- [Connecting the transmitter with BLUETOOTH® headphones](#)
- [About the indicator on the transmitter](#)
- [Initializing the transmitter](#)

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Initializing the transmitter

When the transmitter is not working properly, initialize the transmitter to resume its factory default settings. Make sure that the transmitter is connected to a TV or an AC outlet, and then press and hold the  (BLUETOOTH) button for about 10 seconds until the indicator flashes 4 times in blue.



The transmitter is initialized and the pairing information of all the BLUETOOTH devices is deleted.

Related Topic

- [Connecting the transmitter with BLUETOOTH® headphones](#)