



**Pioneer** *sound.vision.soul*

**Digital Wireless Speaker System**

**Enceinte sans fil pour  
transmission numérique**

**XW-HT1**



**Register your product at  
[www.pioneerelectronics.com](http://www.pioneerelectronics.com)**

- **Protect your new investment**  
The details of your purchase will be on file for reference in the event of an insurance claim such as loss or theft.
- **Receive free tips, updates and service bulletins on your new product**
- **Improve product development**  
Your input helps us continue to design products that meet your needs.
- **Receive a free Pioneer newsletter**  
Registered customers can opt in to receive a monthly newsletter.

**Operating Instructions  
Mode d'emploi**





The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

**CAUTION**

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**

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



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

D1-4-2-3\_En

Thank you for buying this Pioneer product. Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.

**WARNING:** Handling the cord on this product or cords associated with accessories sold with the product will expose you to lead, a chemical known to the State of California and other governmental entities to cause cancer and birth defects or other reproductive harm.

**Wash hands after handling.**

D36-P4\_En

**WARNING:** This equipment is not waterproof. To prevent a fire or shock hazard, do not place any container filled with liquid near this equipment (such as a vase or flower pot) or expose it to dripping, splashing, rain or moisture.

D3-4-2-1-3\_A\_En

**CAUTION** – TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

**ATTENTION** – POUR PREVENIR LES CHOCS ELECTRIQUES, NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT, OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

D2-4-4-1\_EF

**IMPORTANT NOTICE** – THE SERIAL NUMBER FOR THIS EQUIPMENT IS LOCATED IN THE REAR. PLEASE WRITE THIS SERIAL NUMBER ON YOUR ENCLOSED WARRANTY CARD AND KEEP IN A SECURE AREA. THIS IS FOR YOUR SECURITY.

D1-4-2-6-1\_En

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la Classe B est conforme à la norme NMB-003 du Canada.

D8-10-1-3\_EF

**Information to User**

Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

D8-10-2\_En

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

D8-10-1-2\_En

**CAUTION:** This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances such as radios and televisions, use shielded cables and connectors for connections.

D8-10-3a\_En

## IMPORTANT SAFETY INSTRUCTIONS

**READ INSTRUCTIONS** — All the safety and operating instructions should be read before the product is operated.

**RETAIN INSTRUCTIONS** — The safety and operating instructions should be retained for future reference.

**HEED WARNINGS** — All warnings on the product and in the operating instructions should be adhered to.

**FOLLOW INSTRUCTIONS** — All operating and use instructions should be followed.

**CLEANING** — The product should be cleaned only with a polishing cloth or a soft dry cloth. Never clean with furniture wax, benzene, insecticides or other volatile liquids since they may corrode the cabinet.

**ATTACHMENTS** — Do not use attachments not recommended by the product manufacturer as they may cause hazards.

**WATER AND MOISTURE** — Do not use this product near water — for example, near a bathtub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

**ACCESSORIES** — Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

**CART** — A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.



**VENTILATION** — Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

**POWER SOURCES** — This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.

**LOCATION** — The appliance should be installed in a stable location.

**NONUSE PERIODS** — The power cord of the appliance should be unplugged from the outlet when left un-used for a long period of time.

### GROUNDING OR POLARIZATION

- If this product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other), it will fit into the outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
- If this product is equipped with a three-wire grounding type plug, a plug having a third (grounding) pin, it will only fit into a grounding type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding type plug.

**POWER-CORD PROTECTION** — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

**OUTDOOR ANTENNA GROUNDING** — If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure A.

**LIGHTNING** — For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

**POWER LINES** — An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

**OVERLOADING** — Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

**OBJECT AND LIQUID ENTRY** — Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

**SERVICING** — Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

**DAMAGE REQUIRING SERVICE** — Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

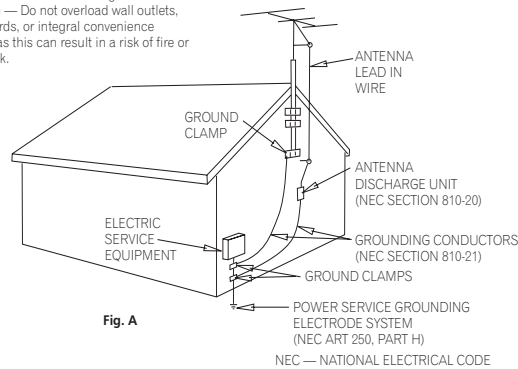
- When the power-supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- If the product has been dropped or damaged in any way.
- When the product exhibits a distinct change in performance — this indicates a need for service.

**REPLACEMENT PARTS** — When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

**SAFETY CHECK** — Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

**WALL OR CEILING MOUNTING** — The product should not be mounted to a wall or ceiling.

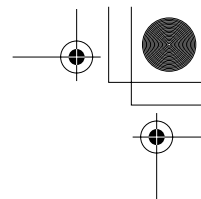
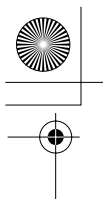
**HEAT** — The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.



D1-4-2-2\_En

This product is for general household purposes. Any failure due to use for other than household purposes (such as long-term use for business purposes in a restaurant or use in a car or ship) and which requires repair will be charged for even during the warranty period.

K041\_En



#### [For U.S. model]

Changes or modifications not expressly approved by the manufacturer (party responsible) for compliance could not void the user's authority to operate the equipment.

#### [For Canadian model]

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

#### [Pour le modèle Canadien]

L'utilisation de l'appareil est soumise aux deux conditions suivantes: (1) il ne provoque pas de brouillage, et (2) il peut supporter tous les brouillages, y compris ceux qui sont en mesure de provoquer une anomalie de fonctionnement de l'appareil.

#### [For Canadian model]

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

#### [Pour le modèle Canadien]

Pour éviter le brouillage radioélectrique des émetteurs ayant une licence, cet appareil doit être utilisé à l'intérieur des habitations et loin des fenêtres de manière à assurer la protection maximale. Un équipement (ou son antenne d'émission) lorsqu'il est installé à l'extérieur ne peut être utilisé qu'après obtention d'une licence.

#### Power cord caution

Handle the power cord by the plug part. Do not pull out the plug by tugging the cord, and never touch the power cord when your hands are wet, as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, or other object on the power cord or pinch the cord in any other way. Never

make a knot in the cord or tie it with other cords. The power cord should be routed so that they are not likely to be stepped on. A damaged power cord can cause a fire or give you an electric shock. Check the power cord once in a while. If you find it damaged, ask your nearest Pioneer authorized service center or your dealer for a replacement.

#### For safety in operation

Do not use the system in the proximity of electronic equipment that requires high-accuracy control or handling of very low-level signals.

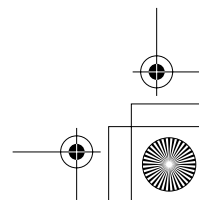
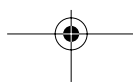
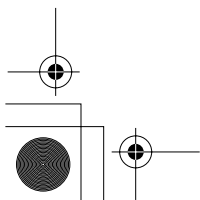
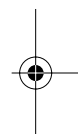
- The system may affect the electronic equipment, causing malfunction or accident. Examples of such electronic equipment:  
Hearing aid, cardiac pacemaker, other electrical medical equipment, fire alarm, automatic door, and other automated control equipment.  
If you use a pacemaker or other electrical medical equipment, consult the manufacturer or dealer to check the effects of radio waves on it.

Do not use the system in places where its use is prohibited, for example near aircraft equipment and in hospitals.

- The system may affect electronic equipment or electrical medical equipment, causing an accident. Follow the instructions given by the aircraft company or medical institution.

#### Note

- We do not assume any liability for the damages incurred due to improper use of the product by the user or third party, malfunction during use, other troubles or use of the product, unless indemnity for damages is admitted by the law.





*Dear Customer:*

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion-and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

**To establish a safe level:**

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

**Once you have established a comfortable sound level:**

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

**We Want You Listening For A Lifetime**

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

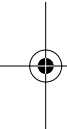
**Decibel Level Example**

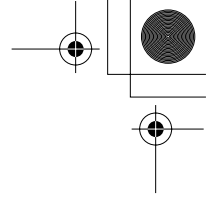
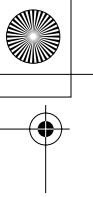
30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet.

**THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE**

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet plane
180	Rocket launching pad

Information courtesy of the Deafness Research Foundation.





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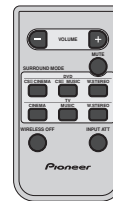
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## Checking the supplied accessories

Please check that you've received the following supplied accessories:

- Remote control unit



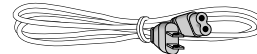
- Lithium battery (CR2025)



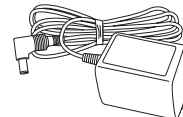
- RCA/phono stereo audio cable



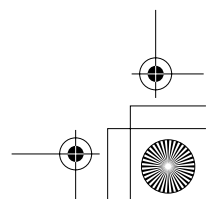
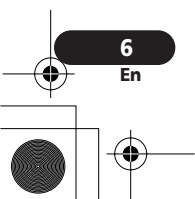
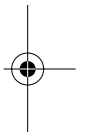
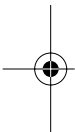
- Power cord



- AC adapter



- These operating instructions
- Radio wave caution sheet
- Warranty card



## Before you start

01

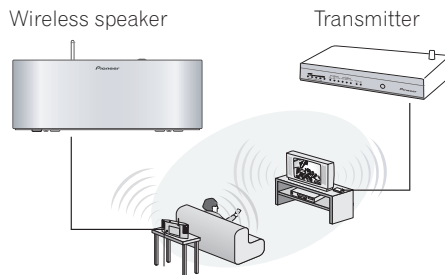
# Chapter 1 Before you start

English

## Features

- **Realistic surround sound using only this unit and your TV**

You can achieve realistic surround sound by using your TV for front sound along with this wireless speaker behind the listening position for a true surround experience.



- **SRS Labs patented SRS Circle Surround II technology**

This system uses SRS Labs' patented SRS Circle Surround II technology, capable of providing 5.1 channels of high quality surround sound from all content (excluding DVDs) including mono, typical stereo sources (such as MP3 files), and other matrix surround-encoded material.



Other benefits include the SRS Dialog Clarity feature, which allows the listener to easily discern actors' dialog from the rest of the soundtrack and TruBass technology, which creates the sensation of rich, cinema-like bass from the front channels.

*Circle Surround II, SRS and  symbol are trademarks of SRS Labs, Inc.*

*Circle Surround II technology is incorporated under license from SRS Labs, Inc.*

- **2.4GHz wireless high-quality uncompressed audio delivery**

You can enjoy CD quality sound from this system thanks to the incorporation of Freespan digital technology for pure, uncompressed audio delivery.



- **Three surround sound listening modes**

For each input source (**DVD** or **TV**), you can select one of three surround listening modes for a truly versatile home theater system, flexible enough to deal with all types of material; movies, live broadcasts and music.

- **Easy connection and setup with other components in your system**

Using the TV input on this system, you can connect stereo components easily for realistic surround sound from the wireless speaker. Using a TV is one possibility, but mini-component systems can also be connected to create a concert hall or movie theater experience when using the wireless speaker.

As well, a subwoofer jack is provided with this system to complete your home theater sound setup. Deep and rich bass tones will give true dimension to the sound, allowing you to experience the feeling of 5.1 channel listening from your speaker system.

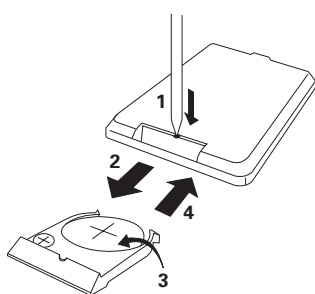
7

En

## Using the remote control

### Inserting the battery

Insert the lithium battery (CR2025) into the remote control as shown below. When you notice a decrease in the operating range, replace the battery in the same manner.



**1 Insert a screwdriver (or other sharp object) where shown to loosen the battery casing.**

**2 Pull out the battery casing.**

**3 Place the battery in the casing.**

Make sure the ⊕ side of the battery is facing up when you place it in the space provided.

**4 Push the battery casing back into place.**

Make sure the battery casing is inserted properly before pushing it in.

### **Caution**

When using lithium batteries, please observe the following:

- Danger of explosion if the battery is incorrectly replaced. Replaced only with the same or equivalent type recommended by the manufacturer.
- Dispose of used battery cells immediately after replacement. Keep away from children.
- If swallowed, please contact a doctor immediately.



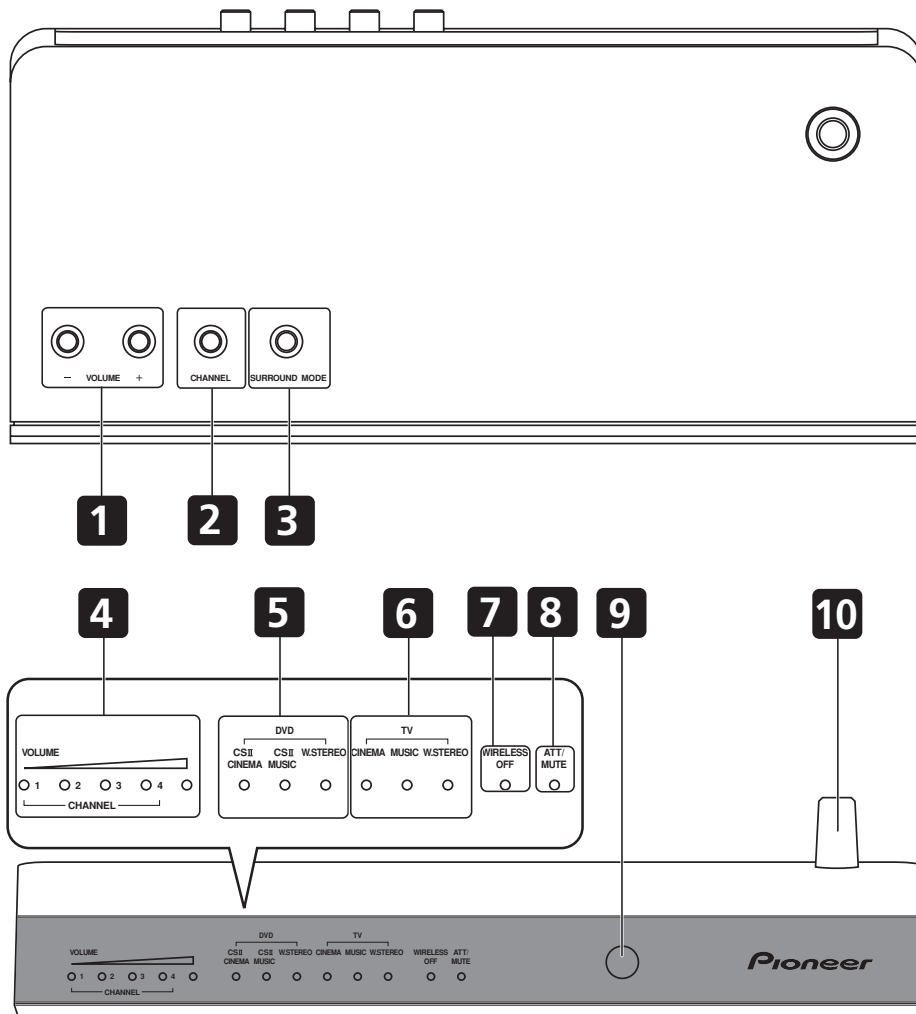
## Controls and displays

02

# Chapter 2 Controls and displays

English

## Transmitter



9

En



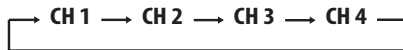
## Controls and displays

### 1 VOLUME +/-

Press to adjust the volume of the wireless speaker (and subwoofer, if connected).

### 2 CHANNEL

In case of poor reception due to interference from other electrical devices, you can improve reception by selecting another channel. Each time you press the button, the channel changes sequentially:



#### Note

- Poor reception may cause the audio to be interrupted or stopped. This is not a malfunction. Try changing the location or orientation of the transmitter and/or the wireless speaker to improve reception.
- See also *Placing the wireless speaker system* on page 20, *Radio wave reflections* on page 23 and *Scope of operation* on page 24 for more on reception troubleshooting.

### 3 SURROUND MODE

Press to switch the surround mode. See the tip on page 19.



#### Note

- Since the surround modes work in conjunction with the corresponding input (**DVD** or **TV**), make sure the mode you've selected corresponds with the input source.

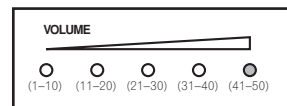
### 4 VOLUME / CHANNEL indicators

Shows the volume level of the wireless speaker (does not light when **WIRELESS OFF** is selected). Also, after selecting a channel, the corresponding channel indicator blinks briefly.



#### Note

- The decibel level for each LED in the volume indicator is shown below.



### 5 DVD input mode indicators

Light to indicate the surround mode set for the DVD input (**CS II CINEMA**, **CS II MUSIC** or **W.STEREO**). See *DVD input surround modes* on page 17.

### 6 TV input mode indicators

Light to indicate the surround mode set for the TV input (**CINEMA**, **MUSIC** or **W.STEREO**). See *TV input surround modes* on page 18.

### 7 WIRELESS OFF indicator

Lights when sound from the wireless speaker is switched off.

### 8 ATT/MUTE indicator

Lights when output to the wireless speaker is being attenuated. Blinks when output is muted.

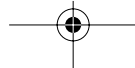
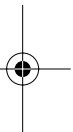
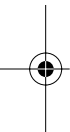
### 9 Remote sensor

Receives the signals from the remote control.

- Make sure that there are no obstacles between the remote and the remote sensor on the unit.
- The remote has a range of about 7 meters, within 30° of the remote sensor.
- Remote operation may become unreliable if strong sunlight or fluorescent light is shining on the unit's remote sensor.

### 10 Transmitter antenna

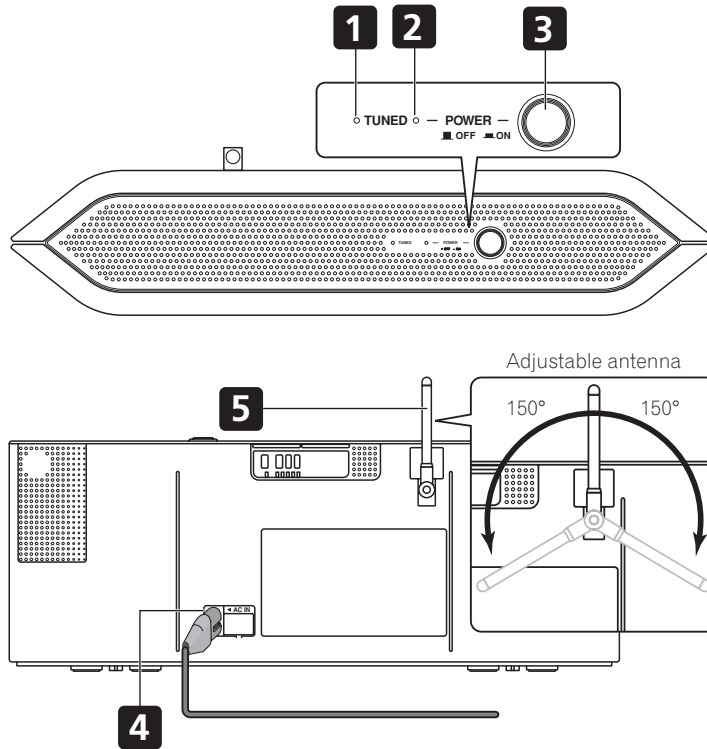
Transmits signals to the wireless speaker.



## Controls and displays

02

### Wireless speaker



English

**1 TUNED indicator**

Lights when the signal from the transmitter is properly received.

**2 POWER indicator**

Lights when the wireless speaker is switched on.

**3 POWER**

Press to switch the unit on or off.

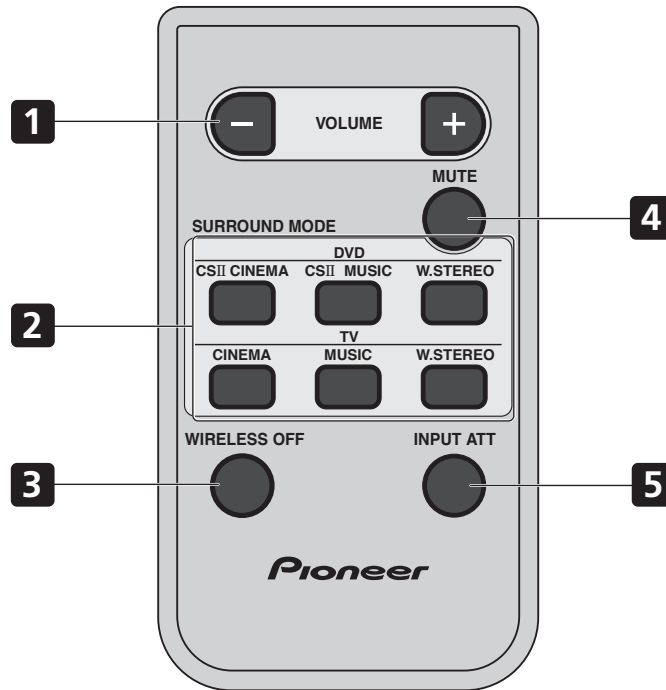
**4 AC IN cord inlet**

**5 Wireless speaker antenna**

Receives signals from the transmitter.

- Note that if you choose to adjust the antenna, turning it too far to the left or right (shown above) may damage the unit.

## Remote control

**1 VOLUME +/-**

Press to adjust the wireless speaker volume.

**2 SURROUND MODE buttons**

Press to switch the surround mode. See *Using the surround modes* on page 17.

**3 WIRELESS OFF**

Press to switch off sound from the wireless speaker (the TV or mini component outputs sound in stereo). See *Using the surround modes* on page 17.

**4 MUTE**

Press to mute/restore sound from the wireless speaker.

**5 INPUT ATT**

Press to attenuate high level signals to prevent distortion from the wireless speaker (press again to switch the attenuator off).

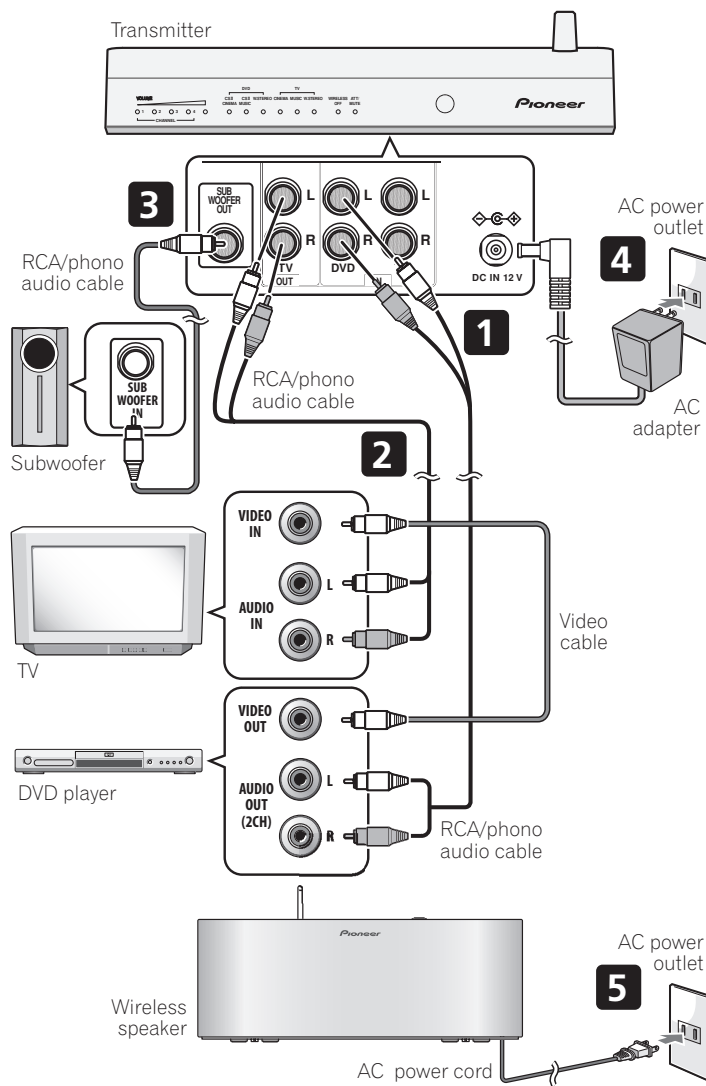
## Connecting up

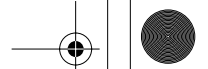
03

# Chapter 3 Connecting up

English

## Connecting a DVD player





**03**

**Connecting up**



**Important**

- When connecting, make sure that all components are switched off and unplugged.
- Do not use the supplied cords or AC adapter for any other purpose than that described here.

**1 Connect the DVD IN jacks on the transmitter to a set of stereo output jacks on your DVD player.**

Use a commercially available RCA/phono stereo audio cable to do this.

**2 Connect the TV OUT jacks on the transmitter to the stereo audio input jacks on your TV.**

Use the supplied RCA/phono stereo audio cable to do this.

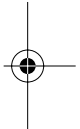
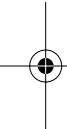
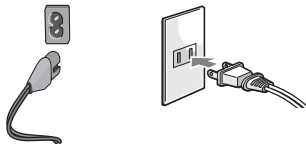
**3 If you have a subwoofer, connect the SUBWOOFER OUT jack on the transmitter to the input jack on your subwoofer.**

Use a commercially available RCA/phono mono audio cable to do this.

- If you don't own a subwoofer, you can omit this step and still achieve convincing surround sound from your system.
- Please refer to the operating instructions supplied with your subwoofer when connecting.

**4 Connect the supplied AC adapter to the DC IN inlet on the rear panel of the transmitter, then plug into a power outlet.**

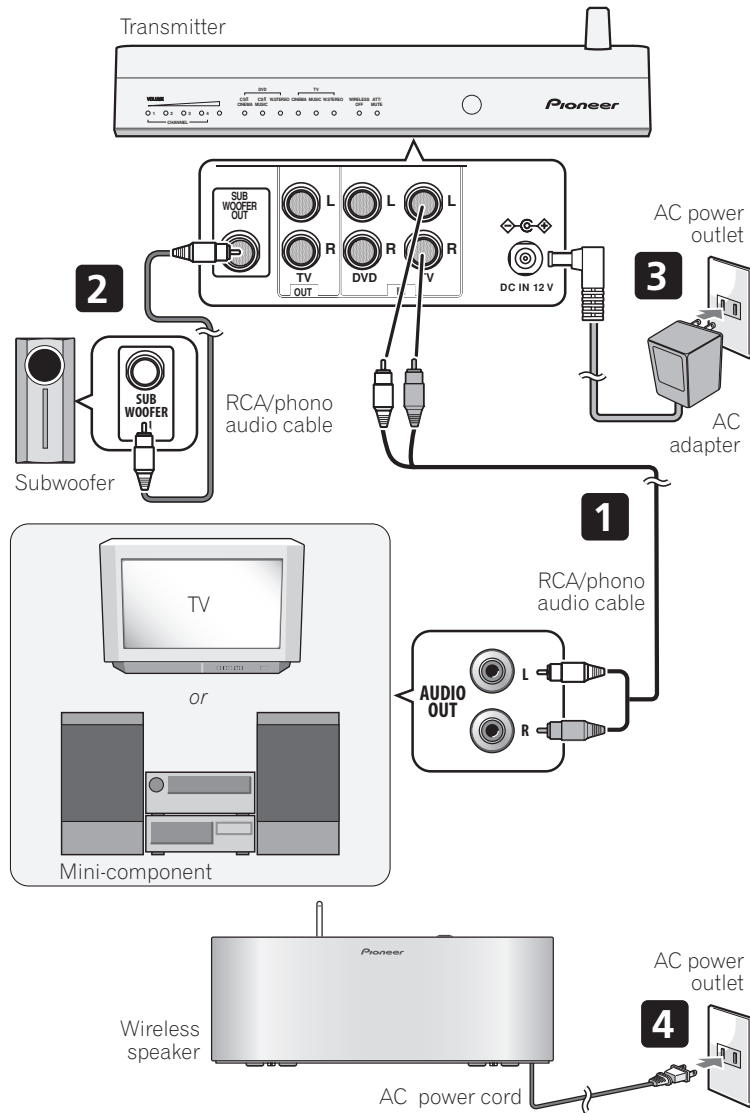
**5 Connect the wireless speaker AC power cord to the AC IN inlet on the rear panel of the wireless speaker, then plug into a power outlet.**



## Connecting up

03

### Connecting a TV or mini component system



English



03

Connecting up



**Important**

- When connecting, make sure that all components are switched off and unplugged.
- Do not use the supplied cords or AC adapter for any other purpose than that described here.

**1 Connect the TV IN jacks on the transmitter to the stereo audio output jacks on your TV or mini-component system.**

Use the supplied RCA/phono stereo audio cable to do this.

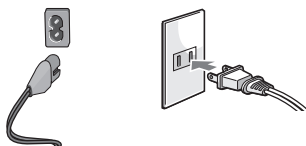
**2 Connect the SUBWOOFER OUT jack on the transmitter to the input jack on your subwoofer.**

Use a commercially available RCA/phono mono audio cable to do this.

- If you don't own a subwoofer, you can omit this step and still achieve convincing surround sound from your system.
- Please refer to the operating instructions supplied with your subwoofer when connecting.

**3 Connect the supplied AC adapter to the DC IN inlet on the rear panel of the transmitter, then plug into a power outlet.**

**4 Connect the wireless speaker AC power cord to the AC IN inlet on the rear panel of the wireless speaker, then plug into a power outlet.**





## Listening in surround sound

04

### Chapter 4

# Listening in surround sound

English

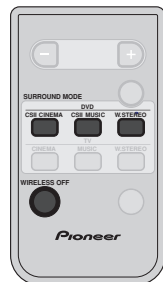
## Using the surround modes

You can listen to any source using the different surround modes, but the modes available depend on which input source you are listening to (**DVD** or **TV**).

### Important

- Since the surround modes work in conjunction with the corresponding input (**DVD** or **TV**), if the mode you've selected doesn't correspond with the input source, you won't hear any sound from the unit.

## DVD input surround modes



- **While listening to a source from the DVD input, select one of the following surround modes.**
  - **CS II CINEMA** – Especially designed for movies, this mode uses SRS Circle Surround II technology to clearly place the dialogue up front, while providing realistic surround sound from the rear.
  - **CS II MUSIC** – Especially designed for music, this mode uses SRS Circle Surround II technology to give a live concert hall feeling.
  - **W.STEREO** – Use this mode for regular stereo sound through the wireless speaker.

- **WIRELESS OFF** – Switches off sound from the wireless speaker.

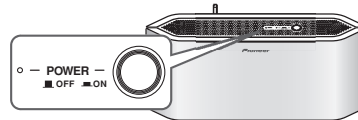
## Using the DVD input surround setup

For best results, follow the steps below when using the DVD input for surround sound.

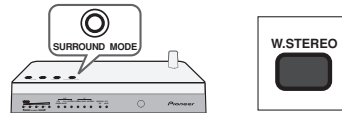
- 1 Load a disc into your DVD player and start playback.



- 2 Switch on the wireless speaker.



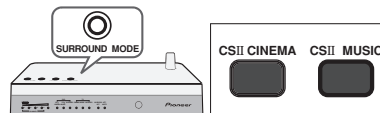
- 3 Select the W.STEREO surround mode.



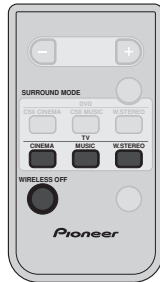
- 4 Adjust the volume level of your TV and your wireless speaker so they are about the same level.



- 5 Depending on the source, select either the **CS II CINEMA** or **CS II MUSIC** surround mode.

17  
En

### TV input surround modes



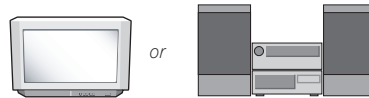
• While listening to a source from the TV input, select one of the following surround modes.

- **CINEMA** – Suitable for movies, the sound from your TV will be output from the wireless speaker, providing a movie theater-like experience.
- **MUSIC** – Suitable for music, the sound from your TV will be output from the wireless speaker, providing a concert hall-like experience.
- **W.STEREO** – Use this mode for regular stereo sound through the wireless speaker.
- **WIRELESS OFF** – Switches off sound from the wireless speaker.

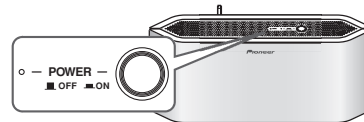
### Using the TV input surround setup

For best results, follow the steps below when using the TV input for surround sound.

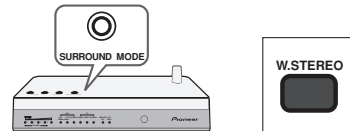
- 1 Switch on your TV or mini component.



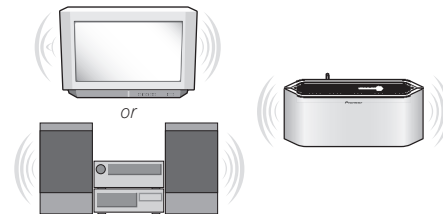
- 2 Switch on the wireless speaker.



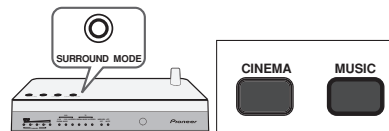
- 3 Select the W.STEREO surround mode.



- 4 Adjust the volume level of your TV (or mini component) and your wireless speaker so they are about the same level.



- 5 Depending on the source, select either the CINEMA or MUSIC surround mode.

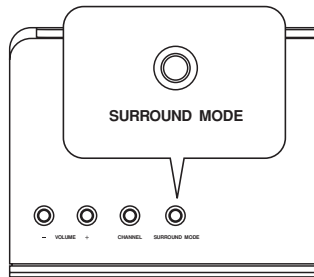


## Listening in surround sound

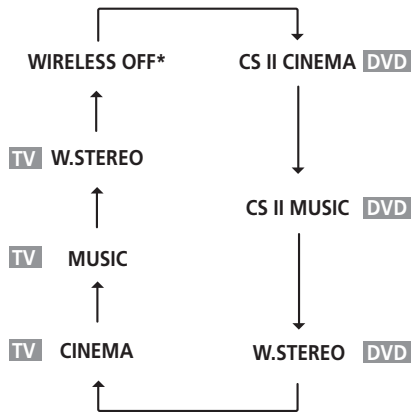
04

### Tip

- You can also use the **SURROUND MODE** button on the transmitter to switch between surround modes.



Press repeatedly to select the surround mode you want:



\* Automatically switches to DVD input when selected.

### FAQ

- The wireless speaker is switched on and connected, but there is still no sound!*  
Make sure the surround mode you've selected corresponds with the input you're using (**DVD** or **TV**).
- The wireless speaker doesn't seem to have a particularly strong surround effect.*  
You may have to adjust the level of the wireless speaker. Experiment by increasing the level slightly for a more pronounced surround effect.

### Note

- When connected to the **TV** input, there is no sound from the **TV** output.
- Depending on the input, and the source you're listening to (stereo or mono), the available surround modes change according to the table below:

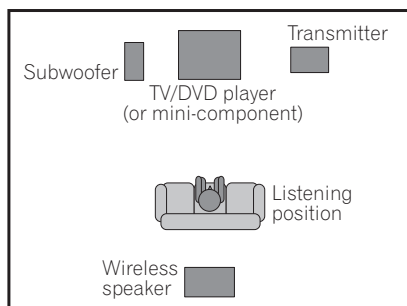
	Surround mode	Stereo signal	Mono signal
DVD input	CSII CINEMA	✓	✗
	CSII MUSIC	✓	✗
	W.STEREO	✓	✓
TV input	CINEMA	✓	✗
	MUSIC	✓	✓
	W.STEREO	✓	✓

English



### Placing the wireless speaker system

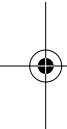
The illustration below shows a typical speaker setup using the wireless speaker for multichannel sound.

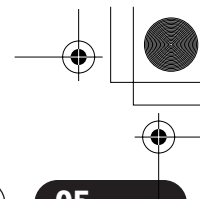
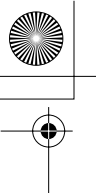


Where you put the wireless speaker has a big effect on the quality of the sound. The following guidelines should help you to get the best sound from your system. See also *Radio wave reflections* on page 23 and *Scope of operation* on page 24 for more on reception troubleshooting.

- For best surround sound, make sure to place the wireless speaker directly behind the center of the listening position and no higher than ear level.
- Placing the wireless speaker too far behind the listening position will result in little surround sound effect.
- Make sure that the wireless speaker is securely installed. This not only improves sound quality, but also reduces the risk of damage or injury resulting from the speaker being knocked over or falling in the event of external shocks such as earthquakes. The subwoofer can be placed on the floor.
- The wireless speaker can be used at distances of up to 10m from the transmitter. This range may change depending on the environment.

- Poor reception may cause the audio to be interrupted or stopped. This is not a malfunction. Try changing the location or orientation of the transmitter and/or the wireless speaker to improve reception.
- Placing the wireless speaker and transmitter too close together may result in poor reception. Keep a distance of least 1m for best sound quality.





## Additional information

05

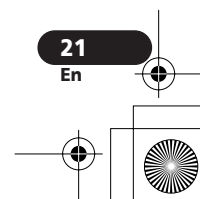
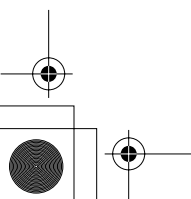
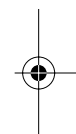
# Chapter 5 Additional information

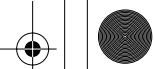
English

## Troubleshooting

- Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest Pioneer authorized service center or your dealer to carry out repair work.
- If you are experiencing problems with the wireless speaker system, make sure to bring both the transmitter and the wireless speaker in for repair so that they can be tested properly.

Symptom	Cause & Remedy
Audio is interrupted.	<ul style="list-style-type: none"> <li>• This system uses high frequency radio waves that have properties similar to light, such as linearity, reflection, refraction, diffraction, and interference. Therefore, placement of the system can result in weak radio waves and/or interruption.</li> <li>• The distance between the transmitter and wireless speaker may be too large. Use the wireless speaker within the reach of radio wave from the transmitter.</li> <li>• The system may be close to a location generating electrical noise. If this is the case, find a location that does not affect the sound adversely.</li> </ul>
Audio is suddenly interrupted.	<ul style="list-style-type: none"> <li>• There may be radio communication equipment using the same frequency band (2.4 GHz) as this system, such as a Bluetooth device, radio LAN device or microwave oven, operating nearby.</li> </ul>
Audio cannot be received.	<ul style="list-style-type: none"> <li>• The radio wave reception is variable depending on locations due to the effects of obstacles and reflecting objects. Try changing the location of the wireless speaker a little.</li> <li>• The transmitter and wireless speaker are designed and sold as a pair, and they identify each other in communication. This means that communication is not available between separately purchased transmitter and wireless speaker.</li> </ul>
Horizontal stripe noise interference on a TV set near the transmitter.	<ul style="list-style-type: none"> <li>• Is there a piece of A/V equipment with an antenna near the transmitter? If so, move the transmitter away from the antenna input terminal of the AV equipment.</li> </ul>
No sound from the wireless speaker.	<ul style="list-style-type: none"> <li>• Make sure the surround mode you've selected matches the input you're using (<b>DVD</b> or <b>TV</b>). See <i>Using the surround modes</i> on page 17 for more on this.</li> <li>• If the source you're listening to is in mono, surround sound may not be possible. See the note on page 19 for more on this.</li> <li>• Make sure the wireless speaker is connected correctly (see <i>Connecting up</i> on page 13).</li> </ul>





Symptom	Cause & Remedy
---------	----------------

The **POWER** indicator goes out when the switch is on or the system is in operation.

- It is likely that the system is malfunctioning. Ask your nearest Pioneer authorized service center or your dealer to carry out repair work.

 **Caution**

Static electricity or other external influences may cause malfunctioning of this unit. In this case, unplugging the power cord and then re-plugging it in will usually reset the unit for proper operation. If this does not correct the problem, please consult your nearest Pioneer service center.

## Taking care of the unit

### Cleaning the unit's exterior

- Use a polishing cloth or dry cloth to wipe off dust and dirt. If the surfaces are very dirty, wipe with a soft cloth dipped in some neutral cleanser diluted five or six times with water and wrung out well, then wipe again with a dry cloth.
- Do not use furniture wax or cleaners. Never use thinners, benzene or insecticide sprays or other chemicals on or near this unit since they will corrode the surfaces.
- If you use a chemical-impregnated cleaning cloth, read the instructions carefully before use. These cloths may leave smear marks on half-mirror finish surfaces; if this happens, finish with a dry cloth.
- Unplug the unit when cleaning.

### Problems with condensation

Condensation may form inside the unit if it is brought into a warm room from outside, or if the temperature of the room rises quickly. Although the condensation won't damage the unit, it may temporarily impair its performance. For this reason you should leave it to adjust to the warmer temperature for about an hour before switching on and using.

## Hints on installation

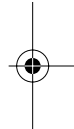
We want you to enjoy using this unit for years to come, so please bear in mind the following points when choosing a suitable location for it:

### Do...

- Use in a well-ventilated room.
- Place on a solid, flat, level surface, such as a table, shelf or stereo rack.
- Be sure to switch the wireless speaker off when not in use.

### Don't...

- Use in a place exposed to high temperatures or humidity, including near radiators and other heat-generating appliances.
- Place on a window sill or other place where the unit will be exposed to direct sunlight.
- Use in an excessively dusty or damp environment.
- Place directly on top of an amplifier, or other component in your stereo system that becomes hot in use.
- Use near a television or monitor as you may experience interference—especially if the television uses an indoor antenna.
- Use in a kitchen or other room where the unit may be exposed to smoke or steam.





## Additional information

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English

- Use on a thick rug or carpet, or cover with cloth—this may prevent proper cooling of the unit.
- Place on an unstable surface, or one that is not large enough to support all four of the unit's feet.

### Moving the wireless speaker

If you need to move the wireless speaker, first press **POWER** on the top panel to turn the unit off. Unplug the power cord.

### AC adapter and power cord caution

- Do not leave the power cord near heating equipment. The coating of the cord may melt, which could lead to fire and/or electrocution.
- Make sure to grasp the body of the AC adapter when removing it from the power outlet. If you pull the power cord, it may become damaged which could lead to fire and/or electrocution.
- Do not attempt to plug in or remove the AC adapter with wet hands. This may result in electrocution.
- Insert the prongs of the AC adapter all the way into the power outlet. If the connection is incomplete, heat may be generated which could lead to fire. Furthermore, contact with the connected prongs of the adapter may result in electrocution.
- Do not insert the AC adapter into a power outlet where the connection remains loose despite inserting the prongs all the way into the outlet. Heat may be generated which could lead to fire. Consult with the retailer or an electrician regarding replacement of the power outlet.

### Radio wave reflections

The radio waves received by the wireless speaker include the radio wave coming directly from the transmitter (direct wave) and waves coming from various directions due to reflections by walls, furniture and building (reflected waves). The reflected waves (due to obstacles and reflecting objects) further produce a variety of reflected waves as well as variation in reception condition depending on locations. If the audio cannot be received properly due to this phenomenon, try moving the location of the wireless speaker a little. Also note that audio may be interrupted due to the reflected waves when a person crosses or approaches the space between the transmitter and wireless speaker.

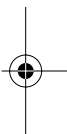
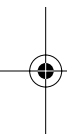
### Radio wave caution

This wireless speaker system uses a 2.4GHz radio wave frequency, which is a band used by other wireless systems (see list below). To prevent noise or interrupted communication, do not use this system nearby such devices, or make sure these devices are switched off during use. You can also try switching the channel on the transmitter (see *Transmitter* on page 9) for better reception.

- Cordless phones
- Wireless broadband routers
- Wireless AV equipment
- Microwave-based health aids
- Microwave ovens
- Wireless controllers for game systems
- Bluetooth equipment
- Some baby monitors

Other, less common, equipment that may operate on the same frequency:

- Anti-theft systems
- Warehouse logistic management systems
- Amateur radio stations (HAM)
- Discrimination systems for train or emergency vehicles



23

En





## Additional information



### Note

- If the transmitter is used near A/V equipment with an antenna input terminal, such as a TV, VCR, BS tuner or CS tuner, you may experience noise interference on a TV near the transmitter. In such cases, place the transmitter at a larger distance from the antenna input terminal of the A/V equipment.
- If there is something obstructing the path between the transmitter and the wireless speaker (such as a metal door, concrete wall, or insulation containing tinfoil), you may need to change the location of your system to prevent signal noise and interruptions.

### Scope of operation

Use of this equipment is limited to home use. (Transmission distances may be reduced depending on communication environment).

In the following locations, poor condition or inability to receive radio waves may cause the audio to be interrupted or stopped:

- In reinforced concrete buildings or steel-framed or iron-framed buildings.
- Near large metallic furniture.
- In a crowd of people or near a building or obstacle.
- In a location exposed to the magnetic field, static electricity or radio wave interference from radio communication equipment using the same frequency band (2.4 GHz) as this system, such as a Bluetooth device, radio LAN device or microwave oven.
- If you live in a heavily populated residential area (apartment, townhouse, etc.) and if your neighbor's microwave is placed near your system, you may experience radio wave interference or no sound from the speaker. If this occurs, move your unit to a different place. When the microwave is not in use, there will be no radio wave interference.

## Specifications

### General

Digital Wireless Speaker System  
(Transmitter/Wireless speaker)

### Transmitter

AC adapter  
 Power requirements . . . . . AC 120V, 50/60Hz  
 Power consumption . . . . . 9VA  
 Rated output . . . . . 12V/500mA  
 Power consumption (without AC adapter) . . . . . 2W  
 Input . . . . . RCA jack  
 Weight . . . . . 0.6 kg / 1 lb 5 oz.  
 Dimensions . . . . . 255(W) x 58.5(H) x 121(D) mm  
 10(W) x 2<sup>5</sup>/<sub>16</sub>(H) x 4<sup>3</sup>/<sub>4</sub>(D)in.

### Wireless speaker

Power requirements . . . . . AC 120V, 60Hz  
 Power consumption . . . . . 26W  
 Amplifier characteristics  
 Maximum power output . . . . . 10W/ch  
 RMS (1kHz, THD10%, 4Ω)  
 Speaker unit . . . . . 7cm cone type x 2  
 Weight . . . . . 2.9 kg / 6 lbs 6 oz  
 Dimensions (without antenna) . . . . . 461.5(W) x 106.5(H) x 95(D) mm  
 18<sup>3</sup>/<sub>16</sub>(W) x 6<sup>15</sup>/<sub>16</sub>(H) x 3<sup>3</sup>/<sub>4</sub>(D)in.  
 Height with antenna . . . . . 110 mm / 4<sup>5</sup>/<sub>16</sub> in.

### Accessories

Remote control . . . . . 1  
 Lithium battery (CR2025) . . . . . 1  
 AC adapter . . . . . 1  
 RCA/phono stereo audio cable . . . . . 1  
 Power cord . . . . . 1  
 Radio wave caution sheet . . . . . 1  
 Warranty card . . . . . 1  
 These operating instructions



### Note

- The specifications and design of this product are subject to change without notice, due to improvement.





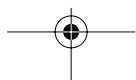
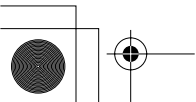


**Additional information**

**05**

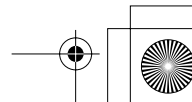


**English**



**25**

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Should this product require service in the U.S.A. and you wish to locate the nearest Pioneer Authorized Independent Service Company, or if you wish to purchase replacement parts, operating instructions, service manuals, or accessories, please call the number shown below.

8 0 0 - 4 2 1 - 1 4 0 4

Please do not ship your product to Pioneer without first calling the Customer Support Division at the above listed number for assistance.

Pioneer Electronics (USA) Inc.  
Customer Support Division  
P.O. BOX 1760, Long Beach,  
CA 90801-1760, U.S.A.

For warranty information please see the Limited Warranty sheet included with your product.

Should this product require service in Canada, please contact a Pioneer Canadian Authorized Dealer to locate the nearest Pioneer Authorized Service Company in Canada.  
Alternatively, please contact the Customer Satisfaction Department at the following address:

Pioneer Electronics of Canada, Inc.  
Customer Satisfaction Department  
300 Allstate Parkway, Markham, Ontario L3R OP2  
(905)479-4411  
1(877)283-5901

For warranty information please see the Limited Warranty sheet included with your product.

Si ce produit doit être réparé au Canada, veuillez vous adresser à un distributeur autorisé Pioneer du Canada pour obtenir le nom du Centre de Service Autorisé Pioneer le plus près de chez-vous. Vous pouvez aussi contacter le Service à la clientèle de Pioneer:

Pioneer Électroniques du Canada, Inc.  
Service à la clientèle  
300, Allstate Parkway, Markham, Ontario L3R OP2  
(905)479-4411  
1(877)283-5901

Pour obtenir des renseignements sur la garantie, veuillez vous reporter au feuillet sur la garantie restreinte qui accompagne le produit.

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<04E00001>

Printed in / Imprimé au

<ARE7351-A>