Thank you for choosing SBX-301. To ensure its safe use, you are advised to read through this Instruction Manual before use. Also, it is recommended to have the manual nearby for frequent access. Be sure to read Important Safety Instructions on Pages 4 to 5 before starting to use SBX-301.
What You Can Do with SBX-301

SBX-301 is a sound system that allows you to enjoy powerful sound through simple installation and connection.

- You can choose the sound quality according to the genre.
- SBX-301 reproduces music files that are stored in smartphones/tablet PCs wirelessly by Bluetooth®.

License and Trademarks

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Onkyo & Pioneer Corporation is under license. Other trademarks and trade names are those of their respective owners. Onkyo & Pioneer Corporation does not guarantee Bluetooth compatibility between the SBX-301 system and all Bluetooth enabled devices.

For compatibility between the SBX-301 system and another device with Bluetooth technology, consult the device’s documentation and dealer. In some countries, there may be restrictions on using Bluetooth devices. Check with your local authorities.

Manufactured under license from Dolby Laboratories. Dolby, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories.

HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.
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Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. The use of apparatus in tropical climates.
6. Clean only with dry cloth.
7. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
8. No naked flame sources, such as lighted candles, should be placed on the apparatus.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Damage Requiring Service
   Unplug the apparatus from the wall outlet and refer servicing to qualified service personnel under the following conditions:
   A. When the power-supply cord or plug is damaged,
   B. If liquid has been spilled, or objects have fallen into the apparatus,
   C. If the apparatus has been exposed to rain or water,
   D. If the apparatus 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 apparatus to its normal operation,
   E. If the apparatus has been dropped or damaged in any way, and
   F. When the apparatus exhibits a distinct change in performance this indicates a need for service.
16. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

17. Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type. The battery shall not be exposed to excessive heat such as sunshine, fire or the like.

18. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

19. Batteries
   Always consider the environmental issues and follow local regulations when disposing of batteries.

20. If you install the apparatus in a built-in installation, such as a bookcase or rack, ensure that there is adequate ventilation. Leave 20 cm (8") of free space at the top and sides and 10 cm (4") at the rear. The rear edge of the shelf or board above the apparatus shall be set 10 cm (4") away from the rear panel or wall, creating a flue-like gap for warm air to escape.

21. WARNING: DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD
   A. Keep new and used batteries away from children.
      If the battery compartment does not close securely, stop using the product and keep it away from children.
   B. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
      CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

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**Precautions**

1. **Recording Copyright**—Unless it’s for personal use only, recording copyrighted material is illegal without the permission of the copyright holder.

2. **AC Fuse**—The AC fuse inside the unit is not user-serviceable. If you cannot turn on the unit, contact your dealer.

3. **Care**—Occasionally you should dust the unit all over with a soft cloth. For stubborn stains, use a soft cloth dampened with a weak solution of mild detergent and water. Dry the unit immediately afterwards with a clean cloth. Don’t use abrasive cloths, thinners, alcohol, or other chemical solvents, because they may damage the finish or remove the panel lettering.

---

**Power**

**WARNING**

BEFORE PLUGGING IN THE UNIT FOR THE FIRST TIME, READ THE FOLLOWING SECTION CAREFULLY.

AC outlet voltages vary from country to country. Make sure that the voltage in your area meets the voltage requirements printed on the unit’s rear panel (e.g., AC 230 V, 50 Hz or AC 120 V, 60 Hz).

The power cord plug is used to disconnect this unit from the AC power source. Make sure that the plug is readily operable (easily accessible) at all times.

---

**Handling Notes**

- If you need to transport this unit, use the original packaging to pack it how it was when you originally bought it.
- Do not leave rubber or plastic items on this unit for a long time, because they may leave marks on the case.
- This unit’s top and rear panels may get warm after prolonged use. This is normal.
- If you do not use this unit for a long time, it may not work properly the next time you turn it on, so be sure to use it occasionally.
What's in the Box

- Speaker Bar
- Wireless Subwoofer
- AC Power Cord (for Wireless Subwoofer)
  The provided AC Power Cord may have different shape from that shown in the drawing.
- Optical Cable
- Remote Controller, Battery (AAA/R03) × 2
- Instruction Manual (This document) and Quick Start Guide
Speaker Bar (Front Panel)

1 Display
2 Remote control sensor
3 STANDBY indicator: Lights if the unit enters standby mode. (P12)

Speaker Bar (Rear Panel)

1 HDMI terminal: connecting port for a TV set having an HDMI input (ARC) terminal. (P10)
2 AUX IN jack: Input component audio signals with an analog audio cable. (P10, 11)
3 OPTICAL jack: Input component digital audio signals with a digital optical cable. (P11)
4 AC IN: AC cord. (P12)
Speaker Bar (Side Panel)

1 ON/STANDBY button: Turns the unit on or into standby mode.
2 INPUT button: Switches the input to be played.
   (AUX / LINE IN / OPTICAL / USB / Bluetooth / HDMI) (P15,16)
3 USB port: USB storage device is connected so that music files stored in it can be played. (P16)
4 VOLUME-: Volume down.
5 VOLUME+: Volume up.
6 LINE IN jack: Input component audio signals with a mini plug (Φ3.5mm) cable. (P10,11)

Wireless Subwoofer (Rear Panel)

1 AC IN: The supplied power cord is connected. (P12)
2 PAIR button: Used to pair the subwoofer and the main unit. (P13)
3 PAIR LED: Lights when paired with the main unit. (P13)
Remote Controller

1.  button: Turns the unit on or into standby mode. (P14)
2.  button: Play the previous track.
3.  button: Play / Pause.
4.  button: Allows you to select Bluetooth input mode. (P16)
5.  button: Allows you to switch to NEWS listening mode. (P16)
6.  button: Allows you to switch to Movie listening mode. (P16)
7.  button: Temporarily mutes audio. Press again to cancel muting.
8.  button: Volume up. (P14)
9.  button: Play the next track.
10.  button: Volume down. (P14)
11.  button: Switches input mode between Bluetooth, AUX, LINE IN, OPT, USB, and HDMI ARC (P16)
12.  button: Allows you to switch to Music listening mode. (P16)

- 9 only can be used on Bluetooth and USB mode.
Connect the TV

1. Use a HDMI cable to connect HDMI ARC terminal of TV.
2. Use a analog audio cable to connect TV to the AUX IN jack.
3. Use a digital optical cable to connect TV to the OPTICAL jack.
4. Use a mini plug (Φ3.5mm) cable to connect TV to the LINE IN jack.

Notes on HDMI connections

- ARC (Audio Return Channel)
  If the TV is compatible with the Audio Return Channel (ARC) technology, an HDMI cable connection will allow you to listen to the TV sound from the speakers of the system.

- CEC (Consumer Electronics Control)
  CEC is a mutual control function standard for HDMI.
  You can output the TV sound through SBX-301 if you connect the unit with the TV having an HDMI ARC terminal using an HDMI cable (separately available). TV sound will not be output through the unit if the TV is not ready for HDMI ARC.

- Use an HDMIauthorized cable. A cable with a maximum length of 5m is recommended to prevent degradation of signal quality.
- Do not use an HDMI-DVI conversion cable.
- Check the setup of the connected equipment if the sound does not come out of the equipment connected via the HDMI cable.
- Not all TV that supports ARC compatible with the unit. If the TV is not compatible with the unit, choose other connection method.
Connect the Audio Components

This is an example of connection with an Audio component.

Connect Components with digital optical cable

For the component that support the OPTICAL out feature, use a digital optical cable and connect.
Connect Other Cables

Connect the power cord of this unit only after all other connections are completed. The STANDBY indicator will light up.

AC Power Cord (Speaker Bar)
The provided AC Power Cord may have different shape from that shown in the drawing.

AC Power cord (Wireless Subwoofer)
The provided AC Power Cord may have different shape from that shown in the drawing.
Pair the Wireless Subwoofer

Press the button on side of Speaker Bar to turns the unit on, the STANDBY indicator will light off. Speaker Bar PAIRS with Wireless Subwoofer automatically. The PAIR indicator keep light means PAIRING succeeded. If PAIRING is not success after minutes, please short press the PAIR button on Wireless Subwoofer.

Prepare Remote Controller

Put two AAA/1.5V batteries into the Remote Controller of this unit.
Basic Operations

1. Press "Ω" button on the Remote Controller to turn on the unit.
2. Press "Ω" button on the Remote Controller when the same name as the jack to which you connected the player to shown on the display. (Please check the table of Input Mode and LED Display below)
3. Start play on the player.
4. Use VOLUME+ button and VOLUME- button to adjust the volume. The volume adjustment range is from "0" to "45".
5. If "0" flashes on the display, means the unit is muting, you can press "ΩΩ" button or VOLUME+ button on Remote Controller to cancel muting.

Input Mode and LED Display

<table>
<thead>
<tr>
<th>Input Mode</th>
<th>LED Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPTICAL</td>
<td>OPT</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>BT</td>
</tr>
<tr>
<td>LINE IN</td>
<td>LINE</td>
</tr>
<tr>
<td>HDMI</td>
<td>IRC</td>
</tr>
<tr>
<td>USB</td>
<td>USB</td>
</tr>
<tr>
<td>R-AUX, IN-L</td>
<td>LIN</td>
</tr>
</tbody>
</table>

Listening Mode and LED Display

<table>
<thead>
<tr>
<th>Remote Control</th>
<th>LED Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSIC</td>
<td>E91</td>
</tr>
<tr>
<td>MOVIE</td>
<td>E92</td>
</tr>
<tr>
<td>NEWS</td>
<td>E93</td>
</tr>
</tbody>
</table>
BLUETOOTH Playback

Pairing

1 Press INPUT button on side of the Speaker Bar or press the 8 button on the Remote Controller to switches the input mode to Bluetooth. "bt" is flashing on Speaker Bar’s display.

2 Enable (turn on) the Bluetooth function of the Bluetooth enabled device, then select this unit from amongst the devices displayed. If a password is requested, enter "0000".

3 The coverage area is 10 meters (32 feet). Note that connection is not always guaranteed with all Bluetooth enabled devices.

Playing Back

1 When the unit is on, perform the connection procedure on the Bluetooth enabled device.

2 Play the music files. Increase the volume of the Bluetooth enabled device to an appropriate level.

* Due to the characteristics of Bluetooth wireless technology, the sound produced on this unit may slightly be behind the sound played on the Bluetooth enabled device.
USB Storage Device

Basic Play
Play music files on a USB storage device.
1 Plug your USB storage device with the music files into the USB port on the side of the Speaker Bar.
2 Press INPUT button on side of the Speaker Bar or press “USB” button on the Remote Controller to switch the input mode to USB. "USB" is displayed on Speaker Bar’s display.
3 If the "NO USB" is scrolled on the display, check whether the USB storage device is plugged in properly.
4 Press button on Remote Controller to start playback.
5 The USB port of this unit conforms with the USB 2.0 standard. The transfer speed may be insufficient for some content you play, which may cause some interruption in sound.
   The following circumstances are also possible.
(a) If "NO FILE" is scrolled on Speaker Bar's display, it means there is no music file in the USB storage device.
(b) Press button to play the next track.
(c) Pressed button during play this button pauses playback. Pressed while paused, and it restarts play.
(d) Press button to play the previous track.

USB Storage Device Requirements
1 Note that operation is not guaranteed with all USB storage devices.
2 We accept no responsibility whatsoever for the loss or damage to data stored on a USB storage device when that device is used with this unit.
   We recommend that you back up your important music files beforehand.

Supported Audio Formats
For server playback and playback from a USB storage device, this unit supports the following music file formats. MP3 / AAC / WMA / FLAC / WAV
Note that sound files that are protected by copyright cannot be played on this unit.
Formats of the files in USB storage device is not supported when "UNSUPPORT" is scrolled on the Speaker Bar's display.
For the details of supporting formats, please refer to our official website, and visit to SBX-301 page.
http://intl.pioneer-audiovisual.com/products/home_theater_system/

Listening Modes
Select the optimum listening mode for Music, Movies, News by pressing the "MUSIC","NEWS" and "MOVIE" button, "Eq1","Eq2" and "Eq3" will flashes on the display.
Troubleshooting – Identify Symptom and Apply Solution Accordingly

**Cannot turn on the unit**
1. Make sure that the power cord is properly plugged into the wall outlet.
2. Unplug the power cord from the wall outlet, wait 5 seconds or more, then plug it in again.

**No sound**
1. Confirm that the connection between the output jack on the device and the input jack on this unit is correct.
2. Make sure that none of the connecting cables are bent, twisted, or damaged.
3. Make sure you selected the right input mode.
4. When the units is muting, you can press "MUTE logo" button to cancel muting.
5. If does not work, you also can press VOLUME+ button on Remote Controller or on the side of Speaker Bar to cancel muting.
6. Try setting the TV output to PCM or connect directly to your other source.

**No sound in HDMI ARC Mode**
1. Make sure input or output cable connections is correct. (refer to page10)
3. Confirm the TV supports ARC and a cable is inserted into an HDMI terminal that supports the HDMI ARC function of the TV.
4. Confirm the TV audio output setting is switched from TV speaker to external speaker device.
5. The setting method of HDMI ARC may differ depending on the TV. For details about ARC, please refer to your TV owner’s manual.
6. It takes around several seconds for the unit to produce sound even if both the TV and SBX-301 are switched on in the HDMI simultaneous operation function.
7. After powered on or off, need 2 or more seconds before powered off or on again.

**No sound from Wireless Subwoofer**
1. Make sure that the power cord is properly plugged into the wall outlet.
2. Unplug the power cord from the wall outlet, wait 5 seconds or more, then plug it in again.
3. Make sure the Wireless Subwoofer is pairing succeeded with Speaker Bar.

**Reset and Initialize**

**Reset**
Unplug the power cord. Wait for a minute then reinsert the plug, and switch on the unit. (The volume will be set to the default.)

**Initialize**
Select AUX mode then hold down the ON/STANDBY button over 5 seconds. The unit will be automatically initialized.
If a symptom persists even after trying a solution, unplug the unit, and consult with the distributor from which you purchased SBX-301.
## Specifications

<table>
<thead>
<tr>
<th>Product name</th>
<th>Speaker Bar System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>SBX-301</td>
</tr>
<tr>
<td><strong>Power supply</strong></td>
<td></td>
</tr>
<tr>
<td>Speaker Bar rating</td>
<td>AC100-240V, 50/60Hz</td>
</tr>
<tr>
<td>Wireless Subwoofer rating</td>
<td>AC100-240V, 50/60Hz</td>
</tr>
<tr>
<td><strong>Speaker impedance</strong></td>
<td></td>
</tr>
<tr>
<td>Speaker Bar: 6 Ω × 2</td>
<td>Wireless Subwoofer: 4 Ω</td>
</tr>
<tr>
<td><strong>Outside dimensions (W × H × D)</strong></td>
<td></td>
</tr>
<tr>
<td>Speaker Bar: 960 mm × 55 mm × 80 mm</td>
<td>Wireless Subwoofer: 210 mm × 340 mm × 250 mm</td>
</tr>
<tr>
<td><strong>Net weight</strong></td>
<td>5.5 kg</td>
</tr>
<tr>
<td><strong>Maximum output level</strong></td>
<td></td>
</tr>
<tr>
<td>Speaker Bar: 30 W + 30 W</td>
<td>Wireless Subwoofer: 85 W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Input</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USB</td>
<td>USB 2.0</td>
</tr>
<tr>
<td>OPTICAL</td>
<td>OPTICAL</td>
</tr>
<tr>
<td>LINE IN</td>
<td>3.5 mm stereo socket</td>
</tr>
<tr>
<td>AUX IN</td>
<td>RCA(L/R)</td>
</tr>
<tr>
<td>HDMI</td>
<td>HDMI 1.4 (ARC)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Bluetooth</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Version</td>
<td>Version 2.1+EDR</td>
</tr>
<tr>
<td>Transmission output power</td>
<td>Class 2</td>
</tr>
<tr>
<td><strong>Maximum transmission distance</strong></td>
<td>Prospect target distance: Approx. 10 m (depending on the environment)</td>
</tr>
<tr>
<td>Supported profile</td>
<td>A2DP</td>
</tr>
<tr>
<td>Frequency band</td>
<td>2.4 GHz band</td>
</tr>
<tr>
<td><strong>Operating temperature range</strong></td>
<td>5ºC to 40ºC</td>
</tr>
</tbody>
</table>

**NOTE:** The mentioned information is subject to possible modifications without notice due to improvements.

* The data is in test mode.
Supported Audio Formats

**USB**
- **MP3 (.mp3/.MP3):**
  - Supported formats: MPEG-1/MPEG-2 Audio Layer-3
  - Supported sampling rates: 32khz, 44.1 kHz, SS48 kHz
  - Supported bitrates: Between 8 kbps and 320 kbps and VBR.

**WMA (.wma/.WMA):**
- Supported sampling rates: 11.025khz, 22.05khz, 44.1 kHz, 48 kHz
- Supported bitrates: Between 8 kbps and 320 kbps and VBR.
- WMA Pro/Voice/WMA Lossless formats are not supported.

**WAV (.wav/.WAV):**
- WAV files include uncompressed PCM digital audio.
- Supported sampling rates: 44.1 kHz, 48 kHz
- Quantization bit: 8 bit, 16 bit, 24 bit

**AAC (.aac/.AAC):**
- Supported formats: MPEG-2/MPEG-4 LC Audio
- Supported sampling rates: 44.1 kHz, 48 kHz
- Supported bitrates: Between 8 kbps and 320 kbps

**FLAC (.flac/.FLAC):**
- Supported sampling rates: 22.05kHz, 32kHz, 44.1 kHz, 48 kHz, 96 kHz
- Quantization bit: 16 bit, 24 bit

**HDMI**
- Support audio format
  - Dolby Digital, PCM

**OPTICAL**
- Support audio format
  - Dolby Digital, PCM