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audio-technica ATSP3X Powered Bluetooth BookShelf Speakers

audio-technica ATSP3X Powered Bluetooth BookShelf Speakers User Manual

Contents

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audio-technica ATSP3X Powered Bluetooth BookShelf Speakers

Product Information

Specifications:

- Model: AT-SP3X
- Type: Powered Bookshelf Speakers
- Manufacturer: Audio-Technica U.S., Inc.
- Effective Communication Range: Varies depending on obstructions and radio wave conditions
- Power Supply: AC adapter

Product Usage Instructions

Preparation Before Use
Installation of Speakers:
Connect speakers (L/R) to each other using the supplied speaker cables:

1. Remove the covers from both ends of the speaker cable.
2. Lower the tabs on the speaker cable terminals on the back of the speaker and insert the speaker terminals (left channel) to connect the speakers (L/R) to each other.

Attach the Conversion Plug to the AC Adapter:

1. Select a conversion plug according to the outlet shape.
2. Align the lower tabs of the conversion plug with the recesses on the AC adapter body and install it.
3. Slide the conversion plug until it clicks into place and attach it to the AC adapter.

Power Supply ON/OFF
Turning on the Product:

1. Insert the AC adapter plug into the power input terminal.
2. Plug the AC adapter into an outlet. The indicator LED lights up red.
3. Press the power button to turn on the product. The indicator LED will light up or blink in different colors indicating power status.

Frequently Asked Questions (FAQ)

- **Q: What should I do if I encounter interference during Bluetooth communication?**
  A: To minimize noise and sound disruptions, avoid placing obstacles between the product's antenna and the Bluetooth device and keep them as close as possible.

Safety precautions

Important information
Warning
To prevent fire or shock hazard, do not expose this apparatus to rain or moisture.

Caution

- Do not expose this apparatus to drips or splashes.

- To avoid electric shock, do not open the cabinet.

- Refer servicing to qualified personnel only.

- Do not expose this apparatus to excessive heat such as sunshine, fire or the like.

- Do not subject this apparatus to strong impact.

- This apparatus should be located close enough to the AC outlet so that you can easily grasp the AC adapter at any time.

- In case of emergency, disconnect the AC adapter quickly.

- Do not place any objects filled with liquids, such as vases, on this apparatus.

- To prevent fire, do not place any naked flame sources (such as lighted candles) on this apparatus.

- Do not install this apparatus in a confined space such as a bookcase or similar unit.

- Install this apparatus only in the place where ventilation is good.

For customers in the USA
FCC Notice
Warning
This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Caution
You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

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.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter used in other systems.

RF Exposure Statement
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment has very low levels of RF energy that it deemed

to comply without maximum permissive exposure evaluation. (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body.

Contact
Responsible Company: Audio-Technica U.S., Inc.
Address: 1221 Commerce Drive, Stow, Ohio 44224, USA
Tel: 330-686-2600

For customers in Canada
ISED statement
This device complies with Part 15 of FCC Rules [and contains license-exempt transmitter(s) that comply with innovation Science and Economic Development Canada's licence-exempt RSS Standar(s)].

Operation is subject to the following two conditions:

1. This device may not cause interference; and
2. This device must accept any interference received, including interference that may cause undesired operation

   The digital apparatus complies with Canadian CAN ICES 3 (B)/NMB 3(B).

This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance. This equipment should be installed and operated with minimum distance 20mm between the radiator & your body.

Notes on use

- Be sure to read the connected device's user manual before use.
- Audio-Technica will not be liable in any way for any loss of data in the unlikely event that such losses should occur while using the product.
- Minimize the volume on your device before connecting the product.
- Do not subject the product to strong impact.
- Do not store the product in direct sunlight, near heating devices, or in hot, humid, or dusty places. Additionally, do not allow the product to get wet.
- When the product is used for a long time, the product may become discolored due to ultraviolet light (especially direct sunlight) and wear.
- When using the AC adapter, be sure to hold the plug and unplug it. The cable may become severed or an accident may occur if you pull on the cable itself.
- Ensure the plug is fully inserted.
- If you use the product near an electronic device or transmitter (such as a mobile phone), unwanted noise may be heard. In this case, move the product away from the electronic device or transmitter.
- If you use the product near a radio antenna, noise may be seen or heard in the radio signal. In this case, move the product away from the electronic device or transmitter.
- Do not place items sensitive to magnetism (such as cash cards) near the product. Doing so may cause negative effects to those items.
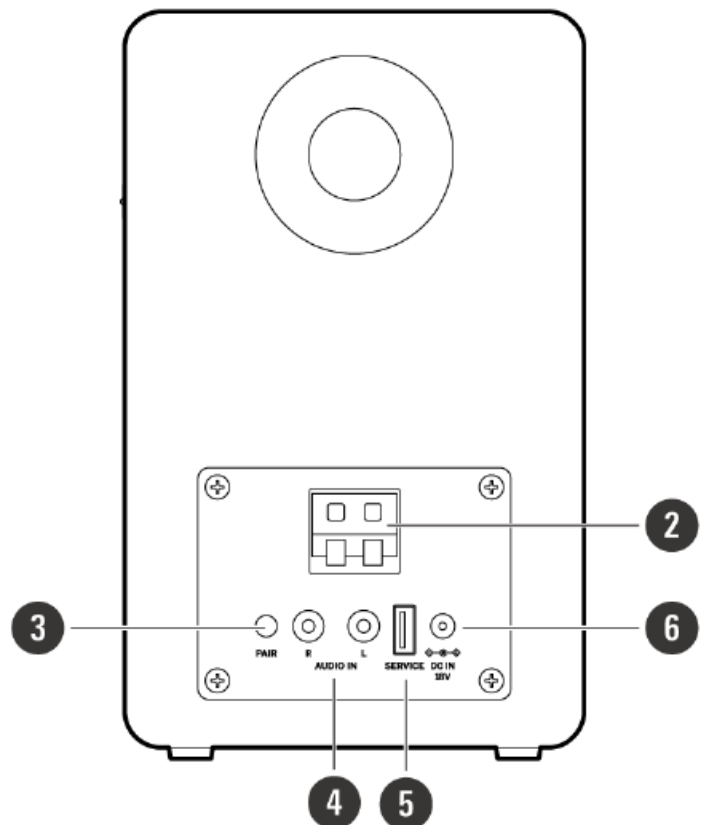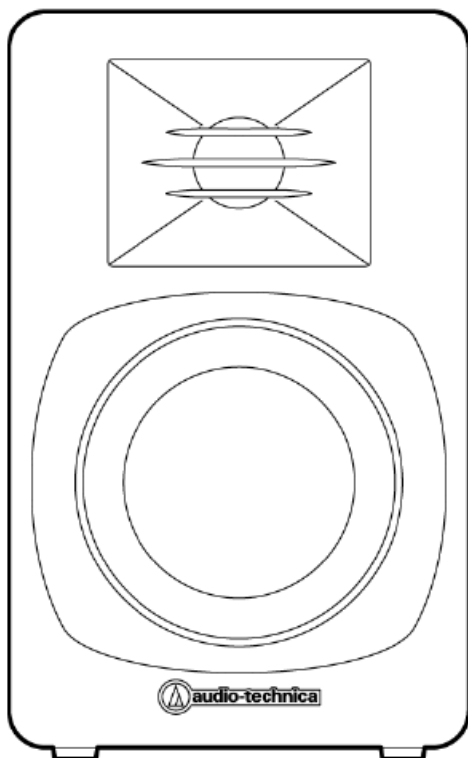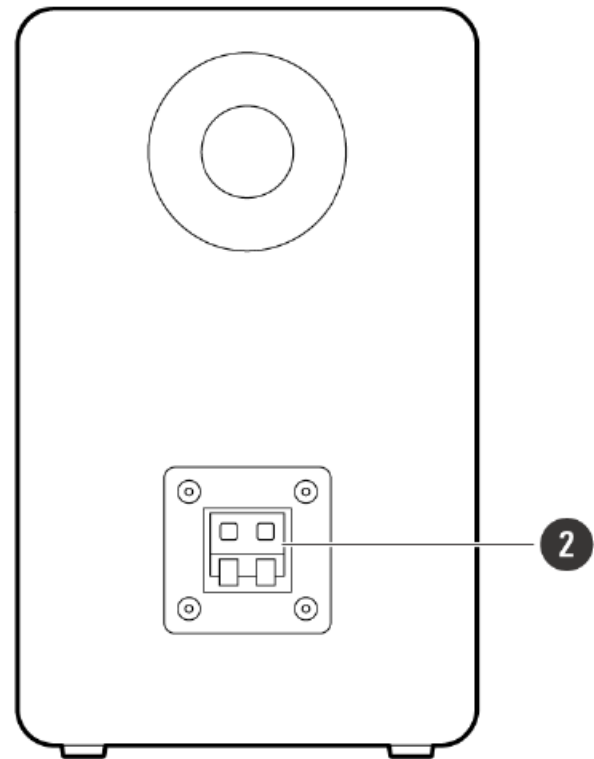- Do not place the product directly on delicate materials such as marble or unfinished wood.
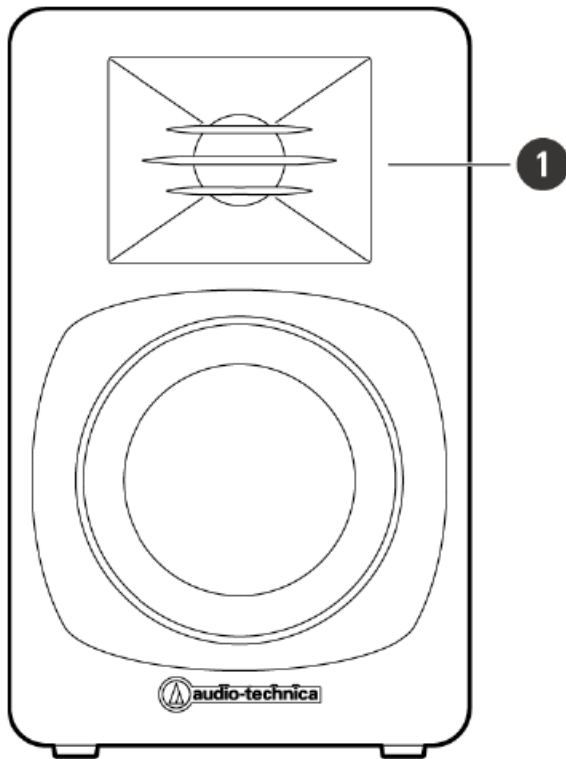
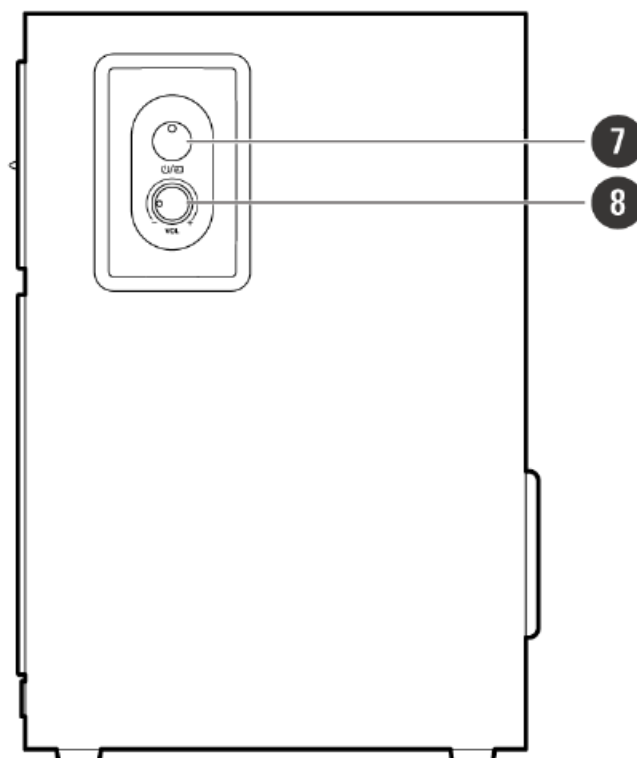**For a more comfortable Bluetooth communication experience**
The effective communication range of this product varies depending on obstructions and radio wave conditions.
For a more enjoyable experience, please use the product as close as possible to the Bluetooth device. To minimize

noise and sound disruptions, avoid placing your body or other obstacles between the product's antenna and the Bluetooth device.

Part names and functions

Speakers

1. **Speaker body**

2. **Speaker cable terminals**

   Connect speakers (L/R) to each other.

3. **Connect button**

   Used to connect this product to Bluetooth devices.

4. **Audio input terminal**

   Connect the audio cable. The red terminal is the right channel and the black terminal is the left channel.

5. **USB terminal (USB Type-A)**

   This terminal is used for firmware and other updates. Normally not used.

6. **Power input terminal**

   Connect the AC adapter.

7. **Power button/indicator LED**

   Turns the product power on/off. Check the product's mode (Bluetooth mode/AUX mode) and Bluetooth connection status.

8. **Volume knob**

   Adjust the volume.

Included accessories

1. **AC adapter body**

2. **AC adapter conversion plug**

   Attach it to the AC adapter according to the shape of the outlet you are using.

3. **Speaker cable**

   Used to connect speakers (L/R) to each other.

4. **Anti-scratch seal**

Preparation before use

Installation of speakers

- Before installing this product, place a scratch prevention sticker on the bottom of the speaker.
- When installing this product, place it on a level surface.
- Install the product in such a way that the left and right sides of the product are not mistaken.

Connecting speakers
Connect speakers (L/R) to each other using speaker cables.

1. Remove the covers from both ends of the supplied speaker cable.
2. Lower the tabs on the speaker cable terminals on the back of the speaker and insert the speaker cable.
   - Match the polarity of the speaker cable terminals (red terminals are for the right channel and black terminals are for the left channel) and connect the speakers (L/R) to each other.

Attach the conversion plug to the AC adapter
Attach a conversion plug to the AC adapter according to the shape of the outlet you are using.

1. Select a conversion plug according to the outlet you are using.
2. Align the lower tabs of the conversion plug with the recesses on the AC adapter body and install it.
3. Slide the conversion plug until it clicks into place and attach it to the AC adapter.

Remove the conversion plug

1. While pressing the PUSH button, slide and remove the conversion plug.

Power supply ON/OFF

Turning on the product

1. Insert the AC adapter plug into the power input terminal.
2. Plug the AC adapter into an outlet.
   - The indicator LED lights up red.
3. Press the power button.
   - Power is turned on and the indicator LED lights/blinks as follows

Indicator LED	Status
Green light	Power ON (AUX mode)
Lights in blue	Power ON (Bluetooth mode, Bluetooth device connected)
Flashing blue	Power ON (Bluetooth mode, no Bluetooth device connected)

Turning off the product

1. Press and hold the power button (at least 2 seconds).
   - The indicator LED lights up red.

About wireless/wired connections

This product allows wireless connection via Bluetooth or wired connection using an audio cable depending on your environment.

About Wireless Connections
To connect wirelessly using Bluetooth, read "Using wirelessly" (p. XX).

Wired connection
For wired connection using an audio cable, read "Using Wired" (p. XX).

Using wirelessly

This product supports Bluetooth connectivity. It can be connected to Bluetooth devices such as smartphones/tablets.

Pairing a Bluetooth device

Read the user manual for the Bluetooth device. Place the Bluetooth device within 1 m (3.3′) of the product to perform pairing correctly. Please note that we cannot guarantee the operation of connected Bluetooth devices.

1. Turn on the product.
2. Press the power button to enter Bluetooth mode (indicator LED flashes blue).
    - Each press of the power button toggles between AUX mode (indicator LED lights green) and Bluetooth mode (indicator LED flashes blue).
3. Use your Bluetooth device to begin the pairing process and search for the product. When searching for this product, "AT-SP3X" will appear in the Bluetooth device.
    - For information about using your Bluetooth device, refer to the device's user manual.
4. Select "AT-SP3X" and register it to the Bluetooth device to be connected.
    - Some devices may ask for a passkey. In this case, enter "0000". The passkey may also be called a passcode, PIN code, PIN number, or password.
    - The indicator LED lights up blue.

About pairing

When connecting a new Bluetooth device, you need to pair it with the product. Once the Bluetooth device and the product are paired, you do not need to pair them again. The product supports multi pairing, in which a connection history is saved. However, in the following cases you will need to pair again even if the Bluetooth device was paired once:

- If the product is deleted from the Bluetooth device's connection history.
- If the product is sent out for repair.
- When this product is initialized
- When the AC adapter is unplugged from the product

Connecting using multipoint

1. Pair with the first Bluetooth device.

2. Press the Connect button.
    - Indicator LED flashes blue.
3. Pair with the second Bluetooth device.

Note

- If the product does not connect, restart its power.
- Up to two Bluetooth devices can be connected at the same time with multipoint. To connect a third Bluetooth device, disconnect one of the connected devices.
- Music cannot be played back on two devices at the same time.

Listening to music

Before playing music from a Bluetooth device, make sure the volume on the product is turned to minimum.

1. Press the power button to enter Bluetooth mode (indicator LED lights up blue).
    - Each press of the power button toggles between AUX mode (indicator LED lights green) and Bluetooth mode (indicator LED lights blue).
2. Play music from Bluetooth devices.
3. Turn the volume knob to adjust the volume.

Wired for use

It can be wired to turntables and other audio equipment.

Listening to music
Before playing music from an audio device, make sure the volume of the product is turned to minimum.

1. Press the power button to enter AUX mode (indicator LED lights green).
    - Each press of the power button toggles between AUX mode (indicator LED lights green) and Bluetooth mode (indicator LED lights blue).
2. Play music from audio devices.
3. Turn the volume knob to adjust the volume.

Cleaning

Get into the habit of regularly cleaning the product to ensure that it will last for a long time. Do not use alcohol, paint thinners, or other solvents for cleaning purposes.

- Use a dry cloth to clean the body.
- Wipe away any perspiration or dirt from the cable with a dry cloth immediately after use. Failure to clean the cable may cause it to deteriorate and harden over time, resulting in malfunction.
- If the cable terminals become dirty, wipe them with a dry cloth.

Note

- For long-term storage, keep the product in a well-ventilated place without high temperatures and humidity.

Specifications

Speaker section

Speaker unit	76 mm dia. x 2
Tweeter Unit	27 mm dia. x 2
Frequency response	65 to 20,000 Hz
Maximum output	30W

Communication specifications

Communication system	Compliant with Bluetooth standard Ver. 5.3
Maximum RF output	10 mW EIRP
Maximum communication range	Line of sight – approx. 10 m (33′)
Frequency band	2.4 GHz band (2.402 GHz to 2.480 GHz)
Modulation method	GFSK
Spread spectrum method	/
Compatible Bluetooth profiles	A2DP, AVRCP
Supported codec	SBC
Supported content protection method	SCMS-T
Supported sample rates	44.1 kHz, 48 kHz
Supported bit depth	16 bit, 24 bit
Transmission band	20 to 20,000 Hz

Other

Input jack	Analog audio input terminals (RCA pin plug x 2)
Speaker cord length	2.0 m (6.6′)
AC adapter cord length	1.2m
Power supply	AC100-240V / DC18V (using supplied AC adapter)
External dimensions (excluding protrusions)	200mm x 113mm x 145mm (H x W x D)
Weight	Approx. 1.5kg (L side), Approx. 1.6kg (R side)
Operating temperature	5°C to 40°C (41°F to 104°F)
Included accessories	AC adapter, speaker cable (for L/R connection)
Sold separately	AC adapter, speaker cable (for L/R connection)

For product improvement, the product is subject to modification without notice.

Trademark

- The Bluetooth® word mark and logo are registered trademarks and are the property of Bluetooth SIG, Inc. Audio-Technica Corporation uses these marks and logos under license. Other trademarks and trade names are those of their respective owners.

Documents / Resources

AT-SP3X Powered BookShelf Speakers User Manual	**audio-technica ATSP3X Powered Bluetooth BookShelf Speakers** [pdf] User Manual ATSP3X Powered Bluetooth BookShelf Speakers, ATSP3X, Powered Bluetooth BookShelf Speakers, Bluetooth BookShelf Speakers, BookShelf Speakers, Speakers

References

- **Global Support Audio-Technica Corporation**
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- **Audio-Technica Corporation | Headphones, Microphones & Turntables | Audio-Technica**

- **User Manual**