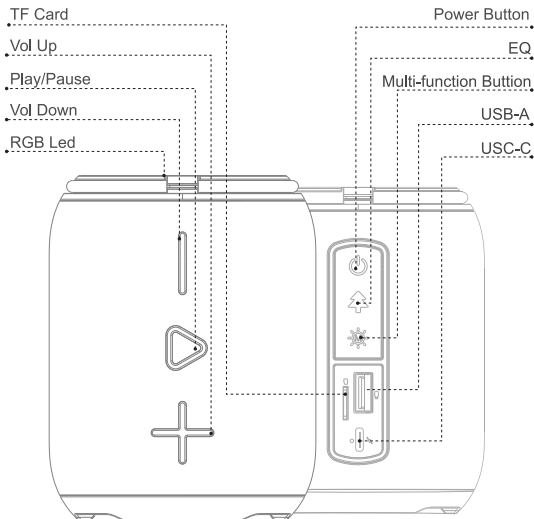RoHS ♻ CE ⌧

astrum

Wireless
BT Speaker

SP 110
SPEAKER SERIES

Thank you for purchasing Astrum SP110. We recommend you to spend some time reading this user manual in order to you fully understand all the operational features it offers.

Read all the safety information carefully before use and keep this user manual for future reference.

PRODUCT OVERVIEW

TF Card

Vol Up

Play/Pause

Vol Down

RGB Led

Power Button

EQ

Multi-function Button

USB-A

USC-C

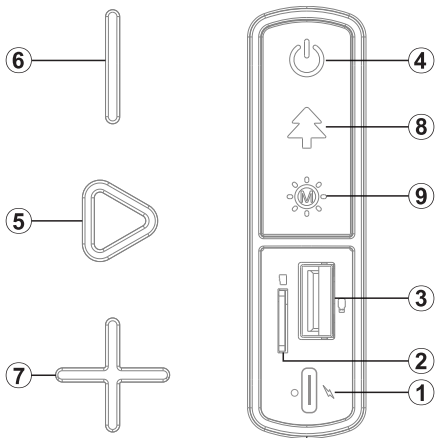• 1 x Wireless speaker

• 1 x USB-C charging cable

• 1 x User manual

PRODUCT FEATURE

1. **BT V5.3 portable speaker**: Provides a wireless connection to devices via BT version 5.3 for high-quality audio transmission.

2. **Support for Micro-SD card and USB drive:** Allows you to play MP3 format audio files directly from a Micro SD card or USB drive for added convenience.

3. **FM function:** The speaker can search and automatically tune in to radio stations, providing access to FM radio broadcasts.

4. **TWS support:** The speaker supports True Wireless Stereo (TWS) technology, allowing you to pair two speakers for a more immersive audio experience.

5. **Outdoor EQ audio modes:** Offers EQ audio modes optimized for outdoor use, enhancing the audio quality for outdoor listening environments.

6. **RGB light:** Features built-in RGB lights that add a visual element to your audio experience.

7. **Auto power-off:** The speaker automatically shuts off after 30 minutes of disconnection from the paired device to save power.

8. **Hi-Fi speaker:** Enjoy wider frequency response and lower distortion with our Hi-Fi speaker.

9. **Auto Power-Off:** The speaker is equipped with an auto power-off feature to conserve energy. It will automatically shut down if it remains disconnected from the paired device for 10 minutes. This ensures efficient power usage and extends the battery life of the speaker.

1. **DC 5V slot:** Use the standard USB-C charging cable to charge the speaker.

2. **TF slot:** Insert a TF card(Up to 32GB) to play audio files in various formats.

3. **USB slot:** Insert a USB drive to play audio files directly.

4. **Power switch:** Press and hold the power switch for powering ON or OFF.

5. **Play/Pause:** Short press to play or pause music. In FM mode, short press to automatically search for stations.

6. **Previous song & Volume down :** Short press to play the previous song, long press to decrease the volume.

7. **Next song & Volume up :** Short press to play the next song, long press to increase the volume.

8. **Outdoor EQ key:** Short press to switch to the outdoor EQ audio mode.

9. ● **LED switch:** Short press to control the LED flashing light. Short press 3 times the LED light ON/OFF.

   ● **Mode switch:** Mode switch: Short press 2 times to switch between BT and FM modes.

   ● **TWS Mode Instructions:** For TWS you need two SP110 speakers.

   TWS Requirement: Ensure both SP110 speakers are in Bluetooth mode without pairing them to any device.

   Activate TWS Mode: Press and hold the "M" button on either speaker for 3 seconds until you hear a prompt. The speakers are now in TWS mode and can be paired with your device.

   Deactivate TWS Mode: To exit TWS mode, disconnect the Bluetooth connection and press and hold the "M" button on either speaker for 3 seconds.

SLOT FUNCTIONS

1. Insert a TF card to decode and play audio files.

2. Insert a USB drive to decode and play audio files.

3. Use a charging cable in FM mode to enhance the FM radio signal.

4. Ensure USB drives and TF cards are formatted in FAT32 format for compatibility.

ADDITIONAL NOTE

In case of a speaker malfunction, press and hold the power button for 8 seconds to reset and shut down.

TECHNICAL SPECIFICATIONS

BT Version	V5.3
Bluetooth Support	L2CAP/A2DP/AVCTP (receive audio signal and control audio device)
Bluetooth Support Profiles	HSP/HFP (Hands-free profile) with hands-free functions
Operating Range	Up to 10 meters
Signal-to-Noise Ratio (SNR)	≥90dB
Battery Capacity	3.7V 1500mAh
Playtime	Up to 3 hours
Speaker Driver Size	57mm
Speaker Power Output	10W
Frequency Response	120Hz - 20kHz
Charging Input	5V/1000mAh (USB-C)
Charging Time	Up to 2 hours
Product Size	85mm x 89mm x 110mm
Product Weight	404g (Approx.)

TROUBLESHOOTING

A. How to reconnect and operate when failed to reconnect?

If "SP110" connected with your device successfully before, then it will search and reconnect the paired device automatically when power on, If failed, please switch off the speaker, Reset and connect again.

B. Why charging light is not lit during charging?

Please ensure that the USB cable is securely connected to both the speaker and the AC adapter. Additionally, verify that the AC adapter is firmly connected to an AC outlet.

When the speaker is not used & charged for long periods of time, the battery will enter go into sleep state, it needs to charge about 30 minutes and then the red light will be lit.

C. Why is there no sound in the Speaker?

Check if the speaker is charged.
Check if the speaker volume is at an appropriate level.
Check if the speaker is correctly connected with device.
Check if the speaker are operating within a normal working range.

D. What devices could charge the Speaker?

Any Wall charger, car charger, power bank, PC, Laptop etc. which meet DC 5V.

E. Why am I unable to control pause/play, previous track, or next track via the speaker when playing music?

Please ensure the paired device support AVRCP (Audio/Video Remote Control Profile) profile.

CARE AND MAINTENANCE

While using, please keep in mind the notes as below which help you comply with the warranty and extend the service life of the product.

Do not place the product in the place where the sun shines or the temperature is high. High temperature will shorten the service life of electronic components and damage the battery, deforming some plastic parts.

Product can be used in -10° to 55°, but under care.

Do not attempt to disassemble the product. It may be damaged by non-specialists.

Do not drop, strongly vibrate or hit the product with the hardware shield, in order to avoid damage to the internal circuit.

Do not use strong chemicals or detergents to clean your speaker.

Do not scratch the product surface with the sharp body, so as not to damage the shell and affect the appearance.

Do not dismantle or attempt to repair the speaker yourself. Please contact customer service for assistance.

Do not use this product in the rain to avoid damage.

If you do not plan to use this product for a long period of time, please store it in a dry environment, and charge the speaker at least once a month to extend its life and avoid extreme temperatures and dust.

SAFETY INFORMATION

Do not use corrosive cleaning agents to clean this product.

Do not let this product be heated or close to fire sources, such as cooking stoves.

Do not expose the speaker to extreme temperatures or direct sunlight.

Do not use the speaker in a flammable or explosive environment.

Keep the speaker out of reach of children to prevent any accidents.

Keep the speaker away from sharp objects to prevent damage.

This product contains a Lithium-ion battery. Do not dispose of it in a fire.

Do not puncture, crush, or disassemble the battery.

Only use the recommended power source for charging the speaker.

Do not overcharge the battery or leave it charging for extended periods of time.