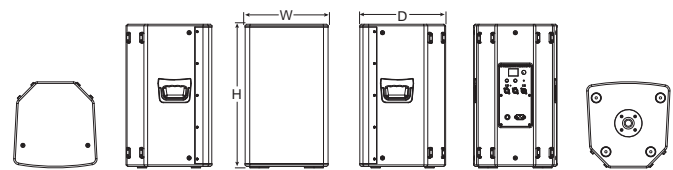


SA312+



Dimension(WxHxD):363x626x375mm

Product Profile

The SA312+ speaker is a versatile all-in-one solution, supporting both XLR and 6.35mm jack inputs for microphone and line-level balanced signals, as well as featuring an AUX input and wireless Bluetooth connectivity for easy hookup with various portable audio sources. Independent gain control and master volume adjustment allow users to tweak the sound quality with ease. The internal mixing and balanced output design are perfect for setting up multi-speaker systems.

SA312+ offers flexible installation options, with both ceiling suspension and pole mount, adapting to various environments. With its exceptional sound quality and user-friendly operations, the SA312+ meets the demands of both professional and home users for a high-quality audio experience.

SPECIFICATION

Type	Active DSP-controlled full range loudspeaker
Frequency Response(-10dB)	46Hz-20kHz
Horizontal Coverage	80°
Vertical Coverage	50°
Maximum Calculated SPL/1M(Continuous/Peak)	126dB/132dB
HF Driver	Customized driver, 1.75" voice coil, 1.0" exit
LF Driver	Customized 12" driver, 2.5" voice coil
DSP	
Processor	48kHz signal sampling frequency
Presets	Internal Display Call
AMPLIFIER	
Amplifier Circuitry	Class D
Power (RMS standards)	1000W
Peak Power	2000W
Frequency Response (1W 8Ω 2ch)	20Hz-20kHz(±0.5dB)
Intermodulation Distortion	<0.05%
Total Harmonic Distortion	<0.05%
Cooling System	Air convection
Protection	DC protection, short circuit protection, overheat protection, input overload protection, output overload protection, soft startup protection, overvoltage protection, undervoltage protection
Signal Input	Female XLR(Mono jack 6.35), 3.5mm Jack Input, Wireless bluetooth
Signal Output	Male XLR Balanced Output
Power Input	IEC power connector
AC Power Operating Range	100-240V~ (±10%,50/60Hz)
Power consumption (1/8 output power)	55W
CABINET	
Cabinet Material	CNC machined plywood
Coating	Durable Polyurea Coating
Cabinet Color	Black is the default color. Contact Audiocenter for customization
Grille	Iron mesh
Handles	2 side
Monitor Angle	Symmetrical 45° monitoring Angle
Hanging Hardwares	M8 screw
Pole Mount	Base hole Φ35mm
Speaker Dimension (WxHxD)	363x626x375mm
Carton Dimension (WxHxD)	435x693x448mm
Net Weight	18.0 kg
Shipping Weight	20.0 kg

Suggested Application



Multi-functional meeting room



House of worship



Museum



Lecture



DJ



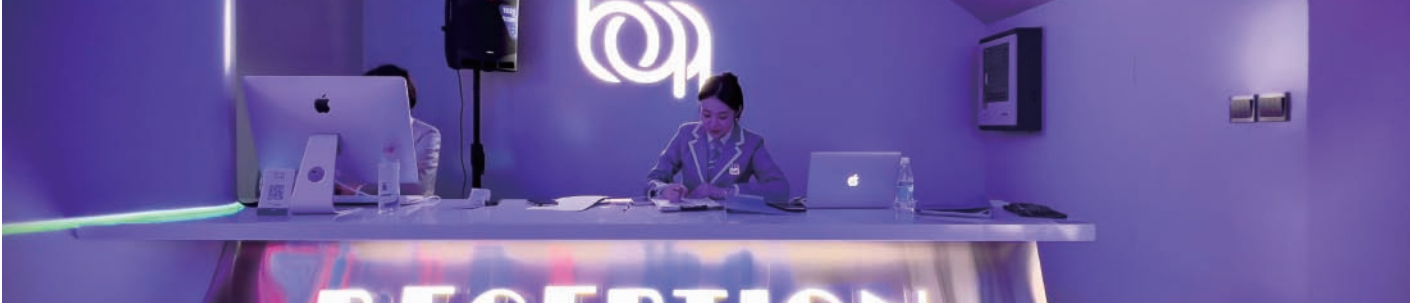
Stage Monitor



Performance



Wedding

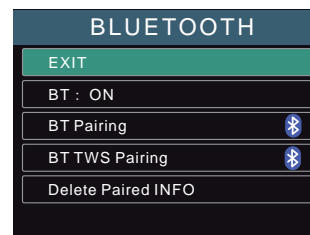
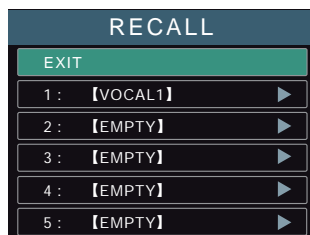
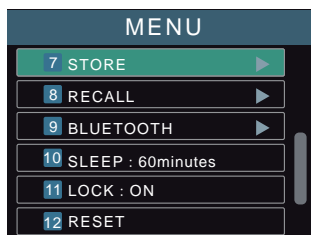
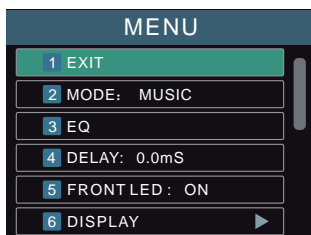
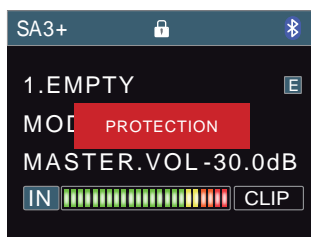
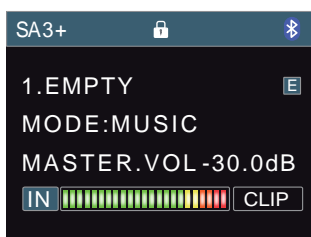
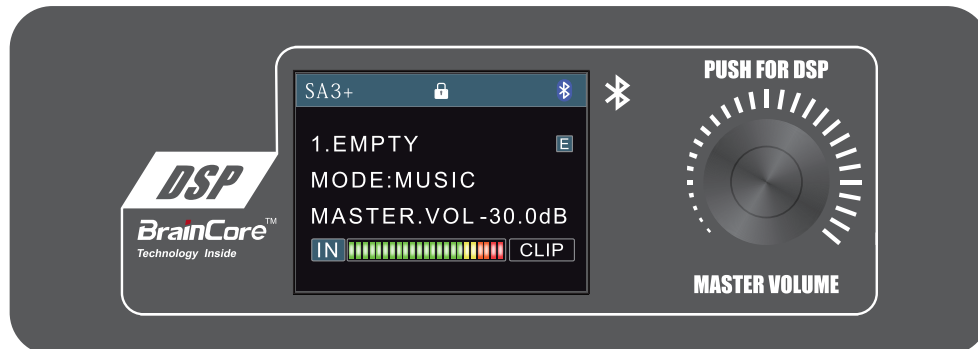


Function Introduction of Rear Panel



- | | |
|------------------------------|------------------------------------|
| ① 2-inch TFT Display | ⑦ OUTPUT LINE B/MIX Switch |
| ② PUSH FOR DSP/MASTER VOLUME | ⑧ INPUT Combo (LINE A/ MIC) |
| ③ CH A Gain Control Knob | ⑨ INPUT Combo (LINE B) |
| ④ CH B Gain Control Knob | ⑩ OUTPUT Male XLR (LINE B/MIX OUT) |
| ⑤ INPUT Jack (AUX) | ⑪ POWER Switch |
| ⑥ INPUT LINE A/MIC Switch | ⑫ IEC Power Connector |

Function Introduction of TFT Display



HD Display

The speaker is equipped with a 240 (H) x 320 (V) pixel TFT display, providing clear image display.

Easy Operation

By rotating the encoder on the back panel, users can easily access the DSP settings interface.

Bluetooth 5.0 with TWS Pairing

Supports Bluetooth connection with TWS (True Wireless Stereo) functionality, allowing users to achieve stereo wireless pairing.

Presets Available

The DSP has built-in multiple presets, catering to diverse applications.

Personalized Audio Adjustment

Users can easily adjust the EQ, delay, and gain to tailor the sound to their personal preferences. Once adjusted, settings can be saved for convenient recall the next time they're needed.

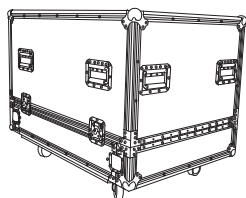
Signal LED Control

Users can set the front signal LED to turn on or off via the display screen interface.

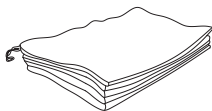
Sleep Mode

Users can easily set the product's sleep mode through a simple operating interface.

ACCESSORIES



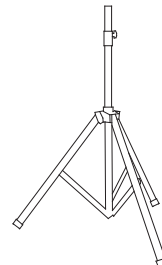
Flightcase
For 2 cabinets,
with 100mm wheels



Rain bag(customized)



Coupling bar
Bearing 50KG



Three-foot stand
Bearing 80KG

INSTALLATIONS

