



Malaysia Calvary City Church

## IMPORTANT FEATURES



### Innovative BrainCore™ technology to improve the audio performance of the system

The innovative BrainCore™ technology and built-in powerful DSP processor improve the performance of the speaker. With Cort™ correction technology and Limita™ processing technology, the system works with safety and reliability and achieves supreme performance.



### Excellent Materials and Unique Physical Acoustics Design

CNC made cabinet of excellent wood reduces resonance and makes the cabinet stronger. Customized driver, physical acoustics construction design and innovative designed, compact and multi-purpose cabinet, provide the clean and clear sound.



### EQ Adjustable

The frequency response of different bandwidth range can be adjusted according to actual application, very easy to use.



### Built-in Bluetooth

Built-in wireless bluetooth makes various bluetooth devices can be linked to SA3 easily and get the audio output. Users can enjoy the wonderful sound whenever and wherever possible. The transfer is stable and reliable, which makes the sound clean and clear.



### Advanced Cooling System

Moulded large heatsink improves the cooling efficiency, with the result of higher reliability of the system.



### Unique Horn Design

SA3 adopts unique horn design, which makes the penetration of HF stronger, and get cleaner and clearer sound.



### Portable Design, Plug&Play

The compact and integrated installation design, integrated and simple control of back panel and fast connect to speaker system make it suitable for fixed installation and touring performance. Very simple and convenient for usage.



### Class D Amplifier

SA3 adopts customized Class D amplifier together with switch mode power technology, which ensures the high efficiency of the system, exquisite and compact outlook and advanced cooling.



### Customized ProDriver

Latest ferrite driver technology and Audiocenter customized driver ensure very clean and clear sound and impressive sound dynamic.



### Stylish outlook

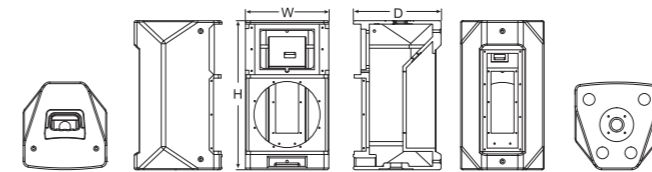
Unique geometric modeling makes the cabinet design of SA3 very stylish.



### Automatic Standby

To save power, the system will enter into standby mode automatically if without signal input for 15 mins.

## SA310



Dimension(W×H×D):296×530×312mm

### PRODUCT PROFILE

Two combo inputs CH A (1-way XLR and Mono jack 6.35) are available in SA310, which can be switched between line input and microphone input. The audio port CH B(Mono jack 6.35 or a RCA port) is for the other sound resources like MP3, CD player, etc. There is 1-way signal input port for wireless bluetooth in it and the volume is controlled by terminal. The gain of CH A/CH B signal input is controlled by independent knob and 1-way master volume control knob. The four different audio sources can be parallel output with one-way XLR after mixed internally, and then sent to different speakers for sound distribution.

SA310 can be installed by steel wire. It can also be ground standing by coupling bar or three-feet stand. The pole mount is 35mm. Various accessories are offered for SA310 to meet different kinds of installs.

### SUGGESTED APPLICATION



Multi-functional meeting room



House of worship



Museum



Lecture

### SPECIFICATION

Type	Active DSP-controlled full range loudspeaker
Frequency Response (-6dB anechoic chamber)	57Hz-20KHz
Maximum Calculated SPL/1M	130dB
LF Driver	Customized Audiocenter ferrite driver, 2"voice coil
HF Driver	Customized Audiocenter ferrite driver, 1"exit, 1.75"voice coil
Horizontal Coverage Angle (Symmetrical)	90°
Vertical Coverage Angle (Symmetrical)	60°
<b>AMPLIFIER</b>	
Amplifier Circuitry	Class D
Power (Peak)	2000W
Frequency Response (1W 8Ω 2ch)	20Hz-20KHz(±0.5dB)
Intermodulation Distortion	<0.05%
Total Harmonic Distortion	<0.05%
Protection	DC protection, short circuit protection, overheat protection, input overload protection, output overload protection, soft startup protection, overvoltage protection, undervoltage protection
Cooling System	Cooling with fans, air convection
<b>DSP</b>	
Processor	96KHz signal sampling frequency, 24bit precision
Presets	Adjustable via the knobs on the back panel
Crossover	Controlled by DSP
Output / Input	
Signal Input	1×NEUTRIK® female XLR(Mono jack 6.35), 1×Mono jack 6.35, 1×RCA, 1×wireless bluetooth
Signal Output	1×NEUTRIK® male XLR
Power Input	3 pin plug
Working Voltage	100V-130V/60Hz or 220V-240V/50Hz
<b>Cabinet</b>	
Cabinet Material	CNC made of excellent wood
Cabinet Color	Black is standard and default color. Consult with Audiocenter sales team for other customized colors
Pole Mount	Φ35mm
Dimension (W×H×D)	296x530x312mm
Net Weight	14.5Kg

### SYSTEM CONFIGURATION

- SA3 subwoofer or the same type of subwoofer