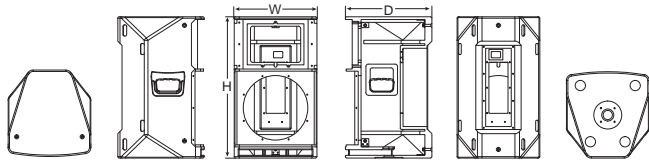


# SA312



Dimension(WxHxD):356x608x372mm

## PRODUCT PROFILE

Two combo inputs CH A (1-way XLR and Mono jack 6.35) are available in SA312, 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.

SA312 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 SA312 to meet different kinds of installs.

## SUGGESTED APPLICATION



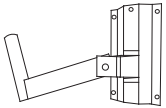
## SPECIFICATION

<b>Type</b>	Active DSP-controlled full range loudspeaker
<b>Frequency Response(-10dB)</b>	48Hz-20kHz
<b>Horizontal Coverage</b>	60°
<b>Vertical Coverage</b>	40°
<b>Maximum Calculated SPL/1M(Continuous/Peak)</b>	126dB/132dB
<b>HF Driver</b>	Customized driver,1.75" voice coil, 1.0" exit
<b>LF Driver</b>	Customized 12" driver, 2.5" voice coil
<b>DSP Processor</b>	48kHz signal sampling frequency
<b>AMPLIFIER</b>	
<b>Amplifier Circuitry</b>	Class D
<b>Power (RMS standards)</b>	800W
<b>Peak Power</b>	1600W
<b>Frequency Response (1W 8Ω 2ch)</b>	20Hz-20kHz(±0.5dB)
<b>Intermodulation Distortion</b>	<0.05%
<b>Total Harmonic Distortion</b>	<0.05%
<b>Cooling System</b>	Cooling with fans, air convection
<b>Protection</b>	DC protection, short circuit protection, overheat protection, input overload protection, output overload protection, soft startup protection, overvoltage protection, undervoltage protection
<b>Signal Input</b>	1× female XLR(Mono jack 6.35), 1× Mono jack 6.35, 1×RCA, 1× wireless bluetooth
<b>Signal Output</b>	1× male XLR
<b>Power Input</b>	IEC power connector
<b>AC Power Operating Range</b>	100-240V~ (±10%,50/60Hz)
<b>Power consumption (1/8 output power)</b>	55W
<b>CABINET</b>	
<b>Cabinet Material</b>	CNC machined plywood
<b>Cabinet Color</b>	Black is the default color. Contact Audiocenter for customization
<b>Grille</b>	Iron mesh
<b>Handles</b>	2 side
<b>Monitor Angle</b>	Symmetrical 45° monitoring Angle
<b>Hanging Hardwares</b>	M8 screw
<b>Pole Mount</b>	Base hole Φ35mm
<b>Speaker Dimension (WxHxD)</b>	356x608x372mm
<b>Carton Dimension (WxHxD)</b>	442x703x458mm
<b>Net Weight</b>	20.0kg
<b>Shipping Weight</b>	22.0kg

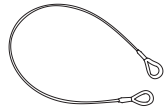
## SYSTEM CONFIGURATION

- SA3 subwoofer or the same type of subwoofer

## ACCESSORIES FOR SA312/315



**Flexible wall mounting frame**  
Bearing 40KG



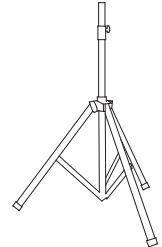
**Φ3 steel wire**  
The wire is 3mm diameter,  
1M long with wire ear and  
wire jacket, bearing 60KG



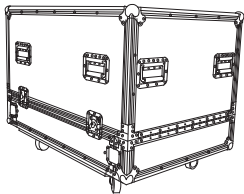
**Handbag (customized)**



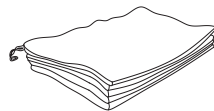
**Coupling bar**  
Bearing 50KG



**Three-foot stand**  
Bearing 80KG



**Flightcase**  
For 2 cabinets,  
with 100mm wheels



**Rain bag (customized)**

## INSTALLATIONS

