

12" Large Format Three-Way Pro Line Array Loudspeaker**SP-LAS312****Subwoofer 18"****SP-SU18****Description:**

The High-quality but competitive SP-LAS312 compact three-way high-end powerful professional line array loudspeaker, which is suitable for large-scaled outdoor stage performance, stadium, theater, large disco. It's a 3-way design housing 12" LF drivers, one hornloaded 8" MF driver and two 1.76" exit HF compression drivers with 3" voicecoils mounted to a dedicated waveshaping device. The mechanical and acoustical design enables flown vertical columns of up to 24 loudspeakers to be suspended using vertical splay angles between them of 0° to 7° with a 1° resolution. The cylindrical wave segments produced couple coherently in the vertical plane. Due to the dipolar arrangement of the neodymium LF drivers the exceptional 80° horizontal constant directivity dispersion control is nominally maintained down to 200Hz. The SP-LAS312 is acoustically and mechanically compatible with the TE loudspeaker. It can be used in columns of purely SP-LAS312 loudspeakers or combined with SP-SU18. The SP-LAS312 cabinet is constructed from marine plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish. The front of the loudspeaker cabinet is protected by a rigid metal grill, the side and rear panels incorporate four handles.

Features:

- High output sound pressure and high-quality loud linear sound.
- Excellent effect on audio frequency between bass and treble, human voice harmonious with background music .
- Neodymium HF Driver starts smoothly from 1K-20KHz, not hurt the ears standing near in front of speakers.
- Powerful, loud and clear sound of woofer and subwoofer, not turbid.
- Durable high power, available for long time playing at maximum power.
- Perfect timbre originally, also be adjustable for various purpose and various performances use.
- Speaker Driver: 12" LF, 8" MF and 2pcs 44mm Neodymium HF drivers.
- High-end material and artwork: Aviation plugs, 18mm birch molding, antiskid, durable and water-proof.
- High-end powerful for large-scaled outdoor stage performance, stadium, theater, large disco.

Applications:

- ♪ Large Outdoor stage performances.
- ♪ Large Clubs and discotheques, Bars.
- ♪ Large Theatres and cultural places, Stadium.
- ♪ Large Pro Sound System, Live Performance.



Specification:

Model	SP-LAS312	SP-SU18
Description	Three-way Line Array Loudspeaker	Subwoofer
Speaker Driver Unit	12" HF + 3" MF + 44mm HF	Dual 18" Subwoofer
Frequency Range	50Hz-20KHz	50Hz-20KHz
Frequency Response	50Hz-19Hz	45Hz-300Hz
Sensitivity	102dB, Max. 104dB	103dB, Max. 104dB
Nominal Impedance	8 Ohm	8 Ohm
Peak Maximum SPL	139dB	135dB
Rated Power (continuous2/program/peak)	600W/800W/1200W	800W/1000W/1600W
Dispersion°3 Angle (HxV)	Horizontal 110°	180°
LF Driver	12" 100mm Voice coil	18" subwoofer 125mm Voice coil
MF Driver	8"	/
HF Driver	Neodymium 2pcs 44 mm Voice coil	/
Enclosure Material	18mm Birch Molding	
Finish	Polyurea Cabinet Protection Environmental Protection in Black Painting, Antiskid Moire, Durable, Water-proof	
Colour	Black or ODM	
Size (HxWxD)	905x358x542mm	900x550x750mm
Net Weight	35kg	41kg
Reference application area	Large-scaled outdoor stage performance, stadium, theater, large disco, etc.	