

**2\*12" Large Format 3-Way Pro Line Array Loudspeaker****SP-LAJ312****Subwoofer 2\*18"****SP-JSU218****Description:**

The SP-LAJ312 is a 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 2 x 12" LF drivers, one hornloaded 10" MF driver and two 1.4" 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-LAJ312 is acoustically and mechanically compatible with the TE loudspeaker. It can be used in columns of purely SP-LAJ312 loudspeakers or combined with SP-LAJs and / or with SP-JSUs. The SP-LAJ312 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: 2x12" Neodymium LF, 10" Neodymium MF and 2x3" 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-LAJ312	SP-JSU218
Description	3-Way Line Array Loudspeaker	Subwoofer
Speaker Driver Unit	2 x 12" HF /10" MF /2 x 3" LF	Dual 18" Subwoofer
Frequency Range	50Hz-20KHz	32Hz-200Hz
Frequency Response	50Hz-19Hz	32Hz-200Hz
Sensitivity	110dB	102dB
Nominal Impedance	16 Ohm	4 Ohm
Peak Maximum SPL	139dB	144dB
Rated Power (continuous <sup>2</sup> /program/peak)	1200W/2000W/3000W	2000W/3000W/5000W
Dispersion <sup>o</sup> 3 Angle (HxV)	Horizontal 110°	/
LF Driver	Neodymium 2 x 12" 100mm Voice coil	2 x 18" subwoofer 125mm Voice coil
MF Driver	Neodymium 1 x 10" 75mm Voice coil	/
HF Driver	Neodymium 2 x 3" 75mm 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)	355x1025x575mm	575x1116x920mm
Net Weight	65kg	90kg
Reference application area	Large-scaled outdoor stage performance, stadium, theater, large disco, etc.	