

compact line array systems

INTRODUCTION

The KLA-series line array systems was designed for portable use, tour and fixed installation, the low weight and compact design makes it a versatile and attractive series for small to medium sized applications, either as ground-stacked or as a full line array system flown with or without flown subwoofers. The KLA2611 is equipped with two high-power 6,5" woofers, and a 1"-driver mounted on waveguide and horn, with a controlled dispersion of 120 x 15. The KLA2815 is equipped with two high-power 8"-woofers and a 1,5" driver mounted on waveguide and horn. as an addition the KLA115 and KLA118 line array subwoofers can be used for extended LF-frequency response, either groundstacked or flown together with the line array speakers without needing any additional bumper flying frame. The hardwares are retractable for convenient transportation. The KLA2611 and the KLA115 can be used together either flown or groundstacked, The KLA2815 and the KLA118 can be used together either flown or groundstacked, 16 ohm design allows for efficient use of amplifier channels. Painted with water-resistant Polyurea coating. The KLA26 is a compact line array with a composite plastic cabinet, with low weight and very easy to install with the 3-point hardwares, available in passive 16Ω or active with 600W (500W+100W) DSP-amplifiers with 3 presets.

FEATURES

- FIVE models in the series:
 - KLA26, active and passive compact plastic line array 2x6,5"/1"
 - KLA2611, 2-way line array with 2x6,5" + 1" components
 - KLA2815, 2-way line array with 2x8" + 1,5" components
 - KLA115, line array subwoofer, 1x15", flyable and stackable
 - KLA118, line array subwoofer, 1x18", flyable and stackable
- Line array with 120 degree wide horizontal dispersion and 10 / 15 degree controlled vertical dispersion
- KLA2611 and KLA2815 Passive 16 ohm
- KLA115 and KLA118, passive 8 ohm
- Active versions available, with FIR-DSP
- Compact design and low weight
- Painted with water-resistant Polyurea coating.
- Integrated 4-point hardware for safe and easy rigging and installing
- Retractable hardware for convenient transportation
- Perfect for installation, portable and tour use
- Bumper frame with adjustable lifting angle fit the line array and the subwoofers
- The KLA115 and KLA118 line array subwoofers can be used flown or groundstacked with or without the bumper flying frame
- KLA2611 and KLA115 is compatible for flown or groundstacked use
- KLA2815 and KLA118 is compatible for flown or groundstacked use
- FIR-filter presets available in the Q-series, P-series and V-series systems amplifiers, and the DSP4800 systems processor



MODEL	KLA26	KLA2611	KLA2815	KLA115	KLA118
Design	Passive line array (P) Active line array (A)	Passive line array (P) Active line array (A)	Passive line array (P) Active line array (A)	Passive line array (P) Active line array (A)	Passive line array (P) Active line array (A)
Components	2 x 6,5" / 1" driver mounted on waveguide and horn	2 x 6,5" / 1" driver mounted on waveguide and horn	2 x 8" / 1,5"-driver mounted on waveguide and horn	1 x 15" high-power woofer, 4"-VC	1 x 18" high-power woofer, 4" VC
Power Handling cont.	400W	500W	700W	1400W	1600W
Frequency response	65Hz - 19kHz	60Hz - 19kHz	55z - 19kHz	35Hz - 500Hz	30Hz - 500Hz
Imedance	16 ohm	16 ohm	16 ohm	8 ohm	8 ohm
Sensitivity	97dB	98dB	99dB	100 dB	101dB
Max SPL (calc. peak)		129dB	130,5dB	133,5dB	134,5dB
Dispersion	H110 x V10	H120 x V10	H120 x V10	-	-
Hardware	Integrated 3-point	4-point integrated retractable, tilting in steps of 2 degrees		4-point integrated retractable	
Dimensions mm.	W470 x H200 x D320	W600 x D306 x H202	W725 x D370 x H235	W600 x D560 x H448	W725 x D600 x H503
Weight	P:10,5kg. A:12kg.	21 kg.	27,5 kg.	39 kg.	45 kg.
Extended information active version	600W class-D with DSP, 3-presets, gain, PowerCon in/out, XLR in/out	1600W class-D amplifier with FIR-DSP, color display, network, available with DANTE™, custom 10 x PEQ, gain, delay, presets can be set from menu in the back, several presets incl. fullrange, groundstack, LA1, LA2, LA3, LA4, flat.		1600W class-D amplifier with FIR-DSP, color display, network, available with DANTE™, custom 10 x PEQ, gain, delay, presets can be set from menu in the back, several presets incl. cardioid, PowerCon in/out, XLR in/out	