

ARK COLUMN

ATTRACTIVE STYLE



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DYNAMIC AUDIO DEVICE

ARK COLUMN

ARK COLUMN series represents the new sound solution in the professional installation sector with a special focus on aesthetics.

More compact full-range speakers with 2 and 4 transducers of 3" are suitable for small and medium installations.

The modules with 8 transducers of 3" can be configured in vertical array too and represent the solution to sound in deep environments particularly difficult, where quality and intelligibility are required.

ARK COLUMN series speakers can be used in higher performance systems in combination with the sub.

SMART and PLUS solutions are plug and play amplified configurations and represent just one of the many ways to use the ARK COLUMN speakers.

Main features:

- › Column modules with off-axis transducers for wide horizontal dispersion.
- › Aluminum frame for a very robust yet lightweight design that fits in with any environment.
- › Multi-layer amplifier subwoofer units with 2x700W amplification system and dedicated output for the middle section.
- › Factory presets or configurable by the customer, to allow the maximum flexibility of use.
- › Available in passive version with amplification and dedicated preset files, in either white or black colors.

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ARKSMART/ARKPLUS CONFIGURATIONS



ARKSMART1

ARK2V8SA + ARK680SE + AKR803AP

ARKSMART2

ARK2V8SA + ARK803AP + ARK803AP

ARKSMART3

ARK2V8SA + ARK2V8SP + 2x ARK803AP

ARKPLUS1

ARK112SA + ARK680SE + AKR803AP

ARKPLUS2

ARK112SA + ARK803AP + ARK803AP

ARKPLUS3

ARK112SA + ARK112SP + 2x ARK803AP



ARK COLUMN

MID/HIGH SCALABLE ELEMENTS

Scalable mid/high elements featuring line array technology
Control system coverage; uniform sound
3" full frequency transducer
Rugged aluminium housing
Lightweight; quick and easy installation

ARK803AP	
System type	Passive - line array element
AES / Program Power	200W/400W
Recommended amp	up to 800W RMS
Input impedance	16hm
Coverage angle	115°x20° (HxV)
Frequency response	135-17.000Hz (±3dB)
Full range transducer	8 x 3" woofer / 0,75" coil
Input sensitivity	95B @1W/1m (Free Field)
Max SPL-Cont./Peak	114/120dB (Free Field)
Input connections	Jack 6.35 mm
Weight	7.6kg
Dimensions (WxHxD)	110x770x148.5mm

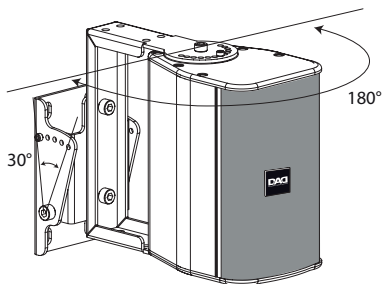
ARK680SE	
System type	Column support element
Weight	3kg
Dimensions (WxHxD)	110x690x148.5mm

ARKBASE	
System type	Ground support element
Input connections	Built-in connections
Weight	4.3 kg
Dimensions (WxHxD)	500x500x170 mm

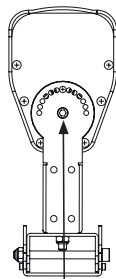


MID/HIGH ELEMENTS

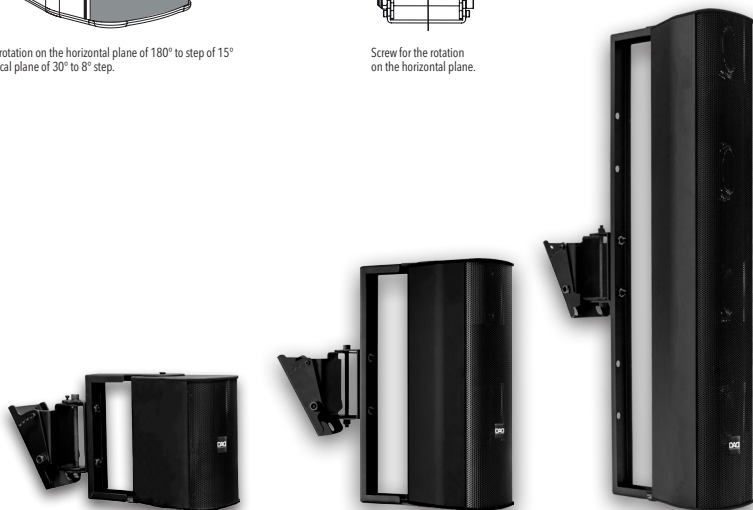
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The brackets allow a rotation on the horizontal plane of 180° to step of 15° and a tilt on the vertical plane of 30° to 8° step.



Screw for the rotation on the horizontal plane.



	ARK203MP	ARK403MP	ARK803MP
System type	Passive column loudspeakers	Passive column loudspeakers	Passive column loudspeakers
AES / Program Power	50W / 100W	100W / 200W	200W/400W
Recommended amp	up to 200W RMS	up to 400W RMS	up to 800W RMS
Input impedance	160hm	80hm	160hm
Coverage angle	115°x20° (HxV)	115°x20° (HxV)	115°x20° (HxV)
Frequency response	135-17.000Hz (±3dB)	135-17.000Hz (±3dB)	135-17.000Hz (±3dB)
Full range transducer	2 x 3" woofer / 0,75" coil	4 x 3" woofer / 0,75" coil	8 x 3" woofer / 0,75" coil
Input sensitivity	89dB @1W/1m (Free Field)	92dB @1W/1m (Free Field)	95B @1W/1m (Free Field)
Max SPL-Cont./Peak	102/108dB (Free Field)	108/114dB (Free Field)	114/120dB (Free Field)
Input connections	4 pole in/out	4 pole in/out	4 pole in/out
Weight	2.2kg	5.8kg	7.5kg
Dimensions (WxHxD)	110x180x148.5mm	110x350x148.5mm	110x690x148.5mm

ARK COLUMN

SUBWOOFER ARK112SA - ARK112SP

- 12" low frequency transducer
- Low deep frequency with fast attack
- Built-in DSP processor
- Class-D digital amplifier 2x700 watts
- Special flying fastener to connect ARK803AP speaker
- Available in a passive version.



	ARK112SA	ARK112SP
System type	Active - bass reflex	Passive
Built-in amp (W/RMS)	700+700 RMS	
Built-in DSP	28/56 bit - fully adjustable	
AES / Program Power		400W / 800W
Recommended amp		up to 1600W RMS
Input impedance	10KOhm	80hm
Coverage angle	omnidirectional	omnidirectional
Frequency response	40-200Hz (±3dB)	40-200Hz (±3dB)
Low frequency	12" woofer / 3" coil	12" woofer / 3" coil
Input sensitivity	4dBu(1,228Vrms)adjustable	96dB @1W/1m (Free Field)
Max SPL-Cont./Peak	118/124dB (Free Field)	119/125dB (Free Field)
Protection	limiter, Temp	
Connections	XLR in/out; 2x4 poles in/out; Jack 6.35mm in/out; USB port; AC powercon type in/out	4 pole in/out; Jack 6.35mm in/out
Weight	24.1kg	21.9kg
Dimensions (WxHxD)	362x520x470mm	362x520x470mm

ARK2V8SA - ARK2V8SP

- 2x8" low frequency transducer
- Low deep frequency with fast attack
- Built-in DSP processor
- Class-D digital amplifier 2x700 watts
- Special flying fastener to connect ARK803AP speaker
- Available in a passive version.



	ARK2V8SA	ARK2V8SP
System type	Active - bass reflex	Passive
Built-in amp (W/RMS)	700+700 RMS	
Built-in DSP	28/56 bit - fully adjustable	
AES / Program Power		400W / 800W
Recommended amp		up to 1600W RMS
Input impedance	10KOhm	8Ohm
Coverage angle	omnidirectional	omnidirectional
Frequency response	40-200Hz (±3dB)	45-200Hz (±3dB)
Low frequency	2x8" woofer / 3" coil	2x8" woofer / 3" coil
Input sensitivity	4dBu(1,228Vrms)adjustable	93dB @1W/1m (Free Field)
Max SPL-Cont./Peak	116/122dB (Free Field)	116/122dB (Free Field)
Protection	limiter, Temp	
Connections	XLR in/out; 2x4 poles in/out; Jack 6.35mm in/out; USB port; AC powercon type in/out	4 pole in/out; Jack 6.35mm in/out
Weight	18.4kg	17.1kg
Dimensions (WxHxD)	260x660x365mm	260x660x365mm



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