

K5



Featuring a Class-D 500 W RMS Digipro® G3 digital amplifier, DVA K5 is capable to reach up to 129 dB SPL and aims to inherit the success of the

earliest model of the series DVA T4. The new DVA line array module comprises 2 x 1,4" compression drivers, a 6.5" neodymium midrange and a 8" neodymium woofer. Thanks to FIR filters technology, a new dual rotary encoder DSP user interface allows an extremely precise system tuning. The module's electronics and components are housed in a sturdy polypropylene box, reinforced with an internal anti-vibration metal structure that allows the cabinet to achieve an excellent acoustic response. DVA K5 comes with a freshly designed frontal grille and an integrated raincover.

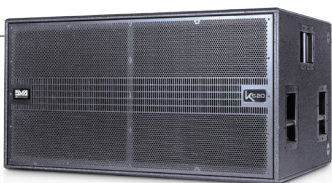
KS10



The semi-horn loaded subwoofer DVA KS10 is equipped with a single 18" woofer driven by a Class-D Digipro® G3 power amp delivering 1800W Peak

and reaching 134 dB SPL. Maximum versatility is granted by a stereo input/output balanced pre-amp. Crucially, KS10 can be both used as a compact PA system (together with K5 on a speaker pole) or groundstacked, but can also be flown thanks to the optionally available flyware. A dedicated encoder allows to apply up to 4.5 ms of delay, with 0.5 ms steps. A switch allows to invert the phase by 180° as well as changing the LPF from 90 Hz to 120 Hz.

KS20



Featuring a double 18" woofer pairing in a bass reflex housing, the DVA KS20 is equipped with 2 x Digipro® G3 power amplifiers delivering 3600 W Peak.

The system's internal design brings together the benefits of bass reflex and horn-loaded system in a compact sturdy housing covered with robust black laquer. The 56 Bit DSP manages limiters and delays, for flawless system processing.

DVA KS20 is the perfect low-end complement for larger DVA K5 systems and can also be used vertically for groundstacked configurations thanks to the DRK-20/10 pick points on top.

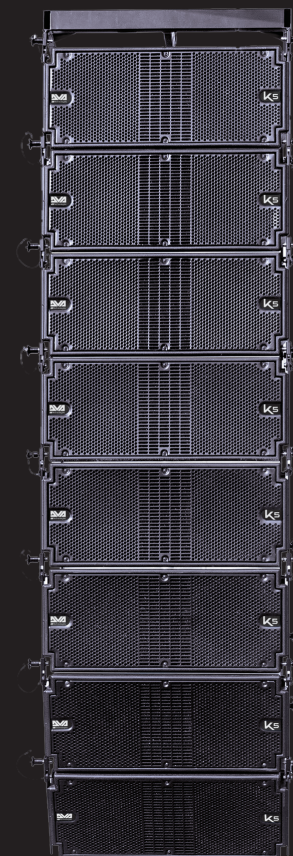


DVA K5 flown with DVA KS10



DVA K5 groundstacked with DVA KS20

FLY HIGH WITH



dBTechnologies' active line array series DVA has set new standards in the sound reinforcement industry since its market launch in 2006.

Equipped with top-notch features and engineered for maximum versatility, DVA T and DVA M series brought the benefits of line array technology to a much wider range of users. Now Italian manufacturer dBTechnologies upgrades the best of technology that determined the success of the whole DVA series in the new DVA K series, composed by the 3-way active line array DVA K5 and active subs DVA KS10 and double 18" DVA KS20.



K5



KS10



KS20

Technical Data	
Speaker Type	3-Way Active Line Array Module

Acoustical Data	
Frequency Response [-3 dB]	70 Hz - 19,000 Hz
Max SPL	129 dB
LF	1 x 8" Neodymium woofer - 2.5" v.c.
MF	1 x 6.5" Neodymium midrange - 2" v.c.
HF	2 x 1" Compression driver - 1.4" v.c.
Directivity [H x V]	100° x 15°, single unit

Amplifier	
Amplifier technology	Digipro® G3 Class-D
RMS Power	500 W
Peak Power	1000 W
Cooling	Convection
Power Supply	500 W SMPS with Auto-range PSU

Processor	
Controller	DSP 56 Bit
AD/DA converter	24 bit/48 kHz
Limiter	Dual Active Limiter Multiband RMS, Peak, Thermal
Processing (filters)	FIR Linear phase
X-over frequency MF-HF	1800 Hz
Slope MF-HF	24 dB/Octave
X-over frequency LF-MF	340 Hz
Slope LF-MF	24 dB/Octave

Inputs	
Input Section	1x XLR balanced
Output Section	1x XLR balanced
Power Socket	1x Powercon In + 1 x Powercon Out
Controls	1 x Input Sensitivity Rotary Switch 1 x DSP Setup Rotary Encoder (LF Correction) 1 x DSP Setup Rotary Encoder (MF-HF Correct.)

Mechanics	
Enclosure	Polypropylene PP Metal reinforced
Rigging Points	Integrated rigging hardware (1.5" splay res.)
Dimensions (W x H x D)	580 x 240 x 327 mm (23.2 x 9.6 x 13.08 in)
Weight	14.2 kg (31.3 lbs.)

Technical Data	
Speaker Type	Active Semi-Horn loaded Flyable Subwoofer

Acoustical Data	
Frequency Response [-3 dB]	39 Hz - 120 Hz
Max SPL	134 dB
LF	18" Woofer - 4" v.c.
Directivity	Omnidirectional

Amplifier	
Amplifier technology	Digipro® G3 Class-D
RMS Power	900 W
Peak Power	1800 W
Cooling	Convection
Power Supply	1000 W SMPS with Auto-range PSU

Processor	
Controller	DSP 56 Bit
AD/DA converter	24 bit/48 kHz
Limiter	Dual Active Limiter Multiband RMS, Peak, Thermal
X-over frequency LF-HF	90 - 120 Hz (selectable)
Slope LF-HF	24 dB/Octave

Inputs	
Input Section	2x XLR balanced
Output Section	2x XLR balanced
Power Socket	1x Powercon In + 1 x Powercon Out
Controls	1 x Input Sensitivity Rotary Switch 1 x DSP Setup Rotary Encoder (Delay 4.5 ms) 1 x Phase Inversion Switch (0° - 180°) 1 x X-Over Frequency Switch (90 Hz - 120 Hz) 1 x Outputs Mode Switch (Link - X-Over)

Mechanics	
Enclosure	Multiplex birch plywood
Pole Mount	1 x M20 on top
Rigging Points	Integrated for SRK10 Flykit (optional) 2 x Pick points on top to fix DRK10/20 Flybars
Dimensions (W x H x D)	515 x 640 x 720 mm (20.6 x 25.6 x 28.8 in)
Weight	48 kg (105.82 lbs.)

Technical Data	
Speaker Type	Active Bassreflex - horn Subwoofer

Acoustical Data	
Frequency Response [-3 dB]	34 Hz - 120 Hz
Max SPL	138 dB
LF	2 x 18" Woofer - 4" v.c.
Directivity	Omnidirectional

Amplifier	
Amplifier technology	Digipro® G3 Class-D
RMS Power	1800 W
Peak Power	3600 W
Cooling	Convection
Power Supply	2000 W SMPS with Auto-range PSU

Processor	
Controller	DSP 56 Bit
AD/DA converter	24 bit/48 kHz
Limiter	Dual Active Limiter Multiband RMS, Peak, Thermal
X-over frequency LF-HF	90 - 120 Hz (selectable)
Slope LF-HF	24 dB/Octave

Inputs	
Input Section	2x XLR balanced
Output Section	2x XLR balanced
Power Socket	1x Powercon In + 1 x Powercon Out
Controls	1 x Input Sensitivity Rotary Switch 1 x DSP Setup Rotary Encoder (Delay 4.5 ms) 1 x Phase Inversion Switch (0° - 180°) 1 x X-Over Frequency Switch (90 Hz - 120 Hz) 1 x Outputs Mode Switch (Link - X-Over)

Mechanics	
Enclosure	Multiplex birch plywood
Pole Mount	1 x M20 on top
Rigging Points	2 x Pick points on side to fix DRK10/20 rigging frames
Dimensions (W x H x D)	1100 x 580 x 720 mm (44 x 23.2 x 28.8 in)
Weight	84 kg (185.19 lbs.)