

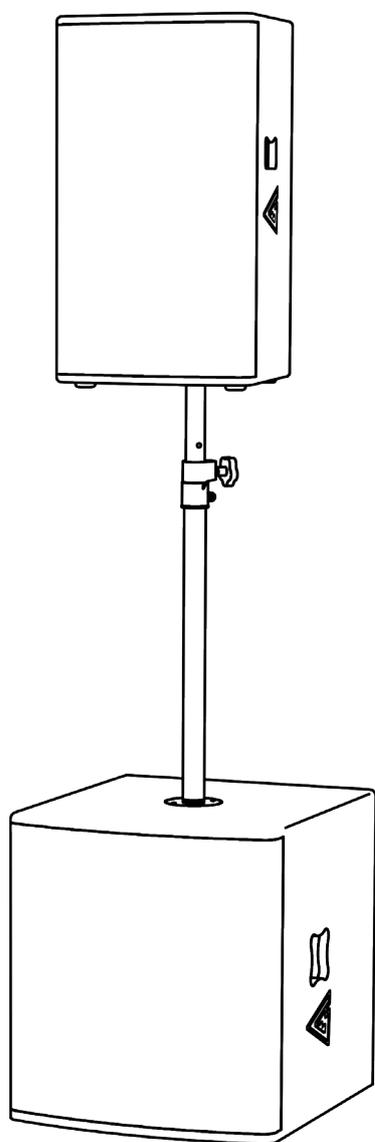
K-series

Specifications & rigging guide

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SYSTEM APPLICATION



The series of high quality **MAG** acoustic systems. These exclusively powered speakers use modules from pioneers and leaders at D-class amplifying – **PowerSoft** company. The line provides extremely high sound pressure levels and pure sound reproduction, allows to program a build-in DSP module for particular installation needs. The amplifiers have four factory presets for different use conditions. Fine adjustment to amplifiers and loudspeakers, factory DSP settings, unique three-way speaker design with tri-amping provide a user with a simple operation and high sound quality.

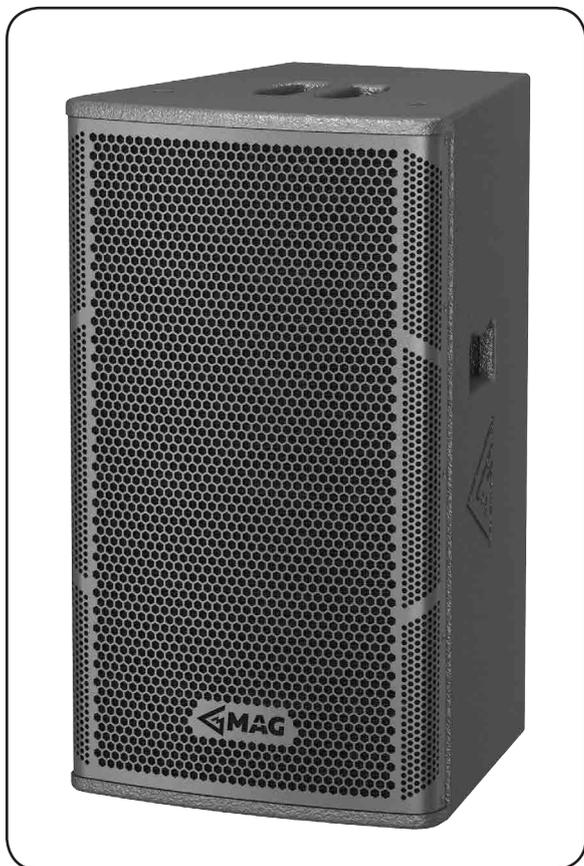
Three-way **K 32A** and **K 35A** models promote the series sound to a new level – the designated mid-range driver allows to deliver more pressure and intelligibility in critical mid-frequency range.

The **K series** comes in compact size, provides high power and allows to minimize quantity of commutation and necessary equipment. New series was initially created as powered one so it has a perfect match of electronic and acoustic components.

The most powerful and hi-tech **MAG** driver units are used in the K-series systems. The loudspeakers are equipped with voice coil venting system and demodulation rings for decreased distortions and improved linearity. MID flying points are foreseen for installations.

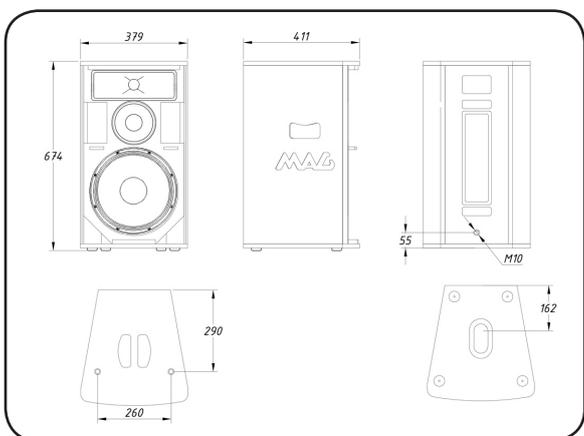
K 32A

3-way powered speaker



Comprehensively designed and finetuned 3-way speaker, the K32A is perfect solution where sound quality is of the essence. Thanks to the dedicated mid-range 6" cone transducer, critical vocal range is clear and present. State-of-the-art amplification from Powersoft adds to ease and convenience of use.

Type	Full-range powered speaker
Acoustical & Electrical	
Frequency range (-10 dB)	60 - 20000 Hz
Max SPL (peak)	130 dB (calculated)
LF Transducer	12", M1224
MF Transducer	6", M0612
HF Transducer	1" N110
Nominal coverage HxV	90° x 25°
Power	600 W
Amplifier	Powersoft class D Bi-amp LF 350W + MF-HF 250W Convection cooling
Input sensitivity	+4 dBV
Settings	4 switchable presets
Connections & physical data	
Connectors	XLR in + XLR out
Dimensions (WxHxD)	379x674x411 mm
Net weight	23,5 kg
Shipping weight	26 kg
Mounting	Pole mount adapter 3x M10 flying points
Enclosure materials	Plywood; wear-resistant paint
Grill	Steel grill, polymere protective net
Color	Black



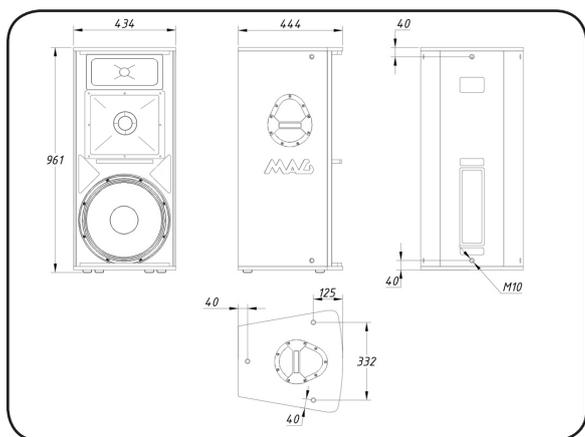
K 35A

3-way powered speaker



Powerful 3-way speaker with horn mounted dedicated 8" cone transducer, the K35A adds new dimension to clarity and precision. Equipped with mounting adapter, it is usable everywhere, in fixed and portable installations alike. State-of-the-art amplification from Powersoft adds to ease and convenience of use.

Type	Full-range powered speaker
Acoustical & Electrical	
Frequency range (-10 dB)	45 - 20000 Hz
Max SPL (peak)	132 dB (calculated)
LF Transducer	15", M1541
MF Transducer	8", ND811
HF Transducer	1", M112
Nominal coverage HxV	90° x 40°
Power	1100 W
Amplifier	Powersoft class D Tri-amp LF 700W+MF 350W+HF 50W Fan cooling
Input sensitivity	+4 dBV
Settings	4 switchable presets
Connections & physical data	
Connectors	XLR in + XLR out
Dimensions (WxHxD)	434x961x444 mm
Net weight	41 kg
Shipping weight	45 kg
Mounting	12x M10 flying points
Enclosure materials	Plywood; wear-resistant paint
Grill	Steel grill, polymere protective net
Color	Black



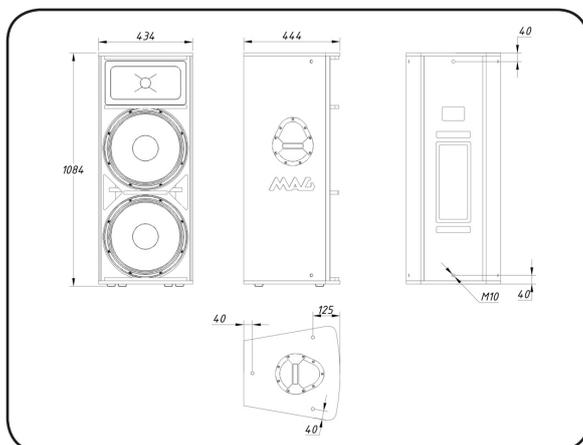
K 25A

2,5-way powered speaker



K25A is the extremely high power speaker with extended low-end output. The special 2,5-way design allows to use both 15" transducers for low-shelf reproduction, with only the upper one used for mid range, providing clarity and smooth vertical coverage pattern. State-of-the-art amplification from Powersoft adds to ease and convenience of use.

Type	Full-range powered speaker
Acoustical & Electrical	
Frequency range (-10 dB)	45 – 20000 Hz
Max SPL (peak)	137 dB (calculated)
LF Transducer	15", M1570
MF Transducer	15", M1555
HF Transducer	2", M200
Nominal coverage HxV	80° x 40°
Power	2000 W
Amplifier	Powersoft class D Bi-amp LF 1000W+LF-MF-HF 1000W Fan cooling
Input sensitivity	0 dBV
Settings	4 switchable presets
Connections & physical data	
Connectors	XLR in + XLR out
Dimensions (WxHxD)	434x1084x444 mm
Net weight	57 kg
Shipping weight	63 kg
Mounting	12x M10 flying points
Enclosure materials	Plywood; wear-resistant paint
Grill	Steel grill; polymere protective net
Color	Black



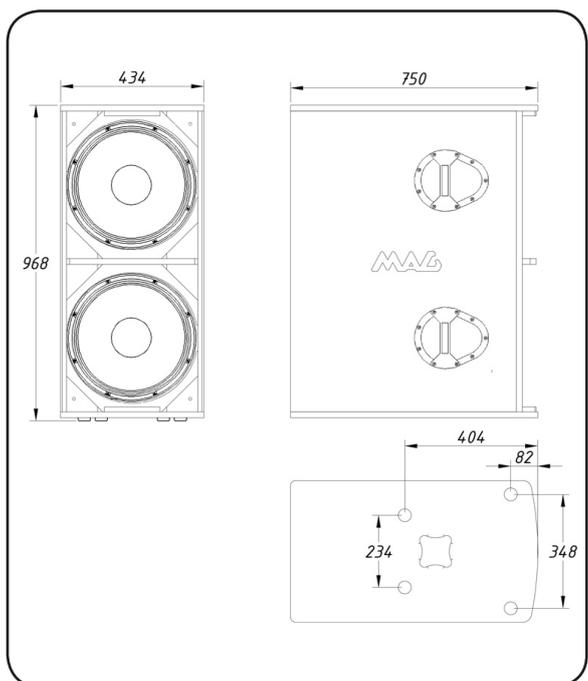
K 52BA

Powered subwoofer

Designed specifically for use with K35A in mind, both speakers weld perfectly together, as they share same width, height, and facade looks. State-of-the-art amplification from Powersoft adds to ease and convenience of use.



Type	Powered subwoofer
Acoustical & Electrical	
Frequency range (-10 dB)	40 - 300 Hz
Max SPL (peak)	138 dB (calculated)
LF Transducer	2015", M1503
Power	2000 W
Amplifier	Powersoft class D Fan cooling
Input sensitivity	+4 dBV
Settings	4 switchable presets
Connections & physical data	
Connectors	XLR in + XLR out
Dimensions (WxHxD)	434x968x750 mm
Net weight	68 kg
Shipping weight	71 kg
Enclosure materials	Plywood; wear-resistant paint
Grill	Steel grill, polymere protective net
Color	Black



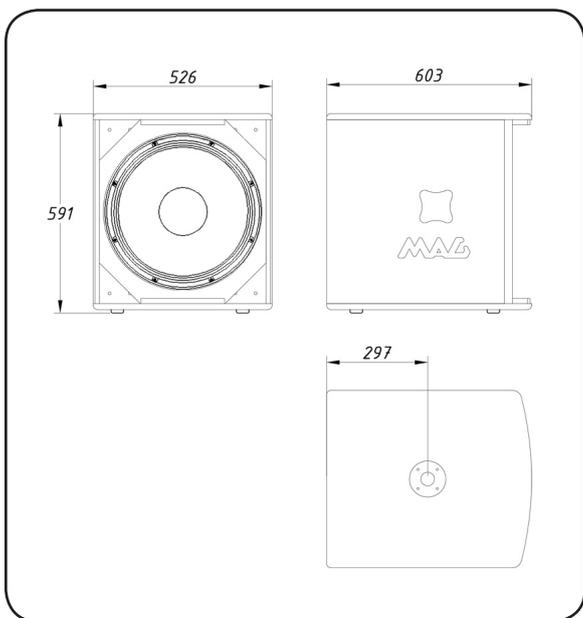
K 81BA

Powered subwoofer



Extended low end support for K series full-range speakers, dual 18" K82BA provides so much needed air and punch, while keeping installation dimensions small and convenient. State-of-the-art amplification from Powersoft adds to ease and convenience of use.

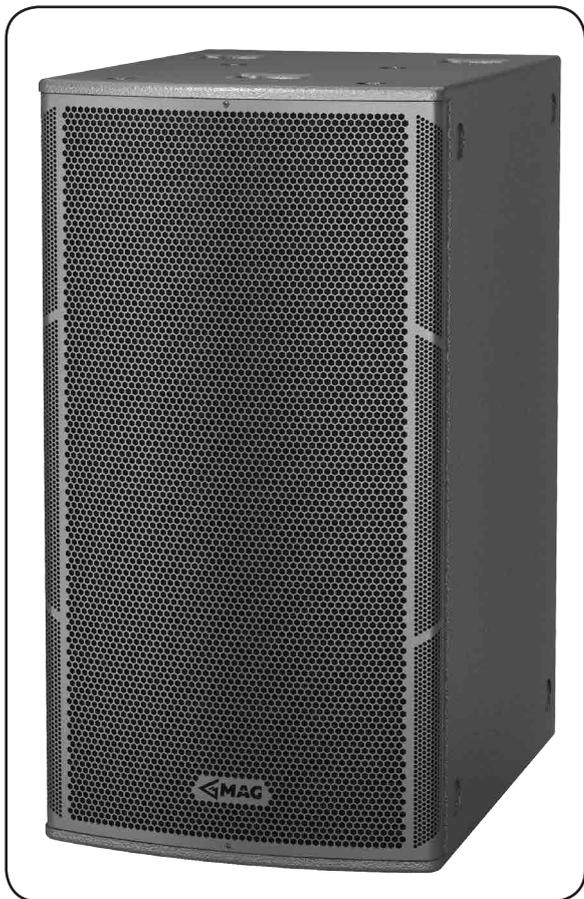
Type	Powered subwoofer
Acoustical & Electrical	
Frequency range (-10 dB)	40 – 250 Hz
Max SPL (peak)	133 dB (calculated)
LF Transducer	18", M1862
Power	1500 W
Amplifier	Powersoft class D Fan cooling
Input sensitivity	+4 dBV
Settings	4 switchable presets
Connections & physical data	
Connectors	XLR in + XLR out
Dimensions (WxHxD)	526x591x603 mm
Net weight	41,5 kg
Shipping weight	46,5 kg
Enclosure materials	Plywood; wear-resistant paint
Grill	Steel grill, polymere protective net
Color	Black



K 82BA

Powered subwoofer

Designed specially to support the K32A compact speaker, the 18" K81BA shares same small dimensions and spectacular sound performance. State-of-the-art amplification from Powersoft adds to ease and convenience of use.



Type	Powered subwoofer
Acoustical & Electrical	
Frequency range (-10 dB)	35 - 220 Hz
Max SPL (peak)	138 dB (calculated)
LF Transducer	2x18", M18D4
Power	2000 W
Amplifier	Powersoft class D Fan cooling
Input sensitivity	+4 dBV
Settings	4 switchable presets
Connections & physical data	
Connectors	XLR in + XLR out
Dimensions (WxHxD)	561x1076x771 mm
Net weight	92 kg
Shipping weight	98 kg
Enclosure materials	Plywood; wear-resistant paint
Grill	Steel grill, polymere protective net
Color	Black

