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E215 / E315 / E415



Modular cinema screen system

E215 / E315 / E415

DKaudio presents the modular cinema screen system.

This system is made up of specialised and optimised sound diffusion modules in the different frequency bands required for the complete reproduction of the audio spectrum that the human ear can pick up.

The speakers are configured from modular sub-assemblies working in quadri, tri, or bi-amplification with the addition of a passive filter between the mid and high ranges and even, upon request, in mono-amplification; in this case they only need a simple amp channel and work without an additional processor.

The quality of the parts, the sound colour and the dynamism of the modules making up the system were chosen to be able to work together in any configuration, which allows for a particularly fine adaptation for an optimal system for each room, delivering an amazing sound reproduction.

Compose your cinema screen system by picking among our modular diffusion elements

LOW FREQUENCY MODULES



E215B42

2 x 15" high output speakers, 4" moving coil, flat copper wire coiled vertically, ferrite magnet.

Frequency response (± 3 dB): 32 Hz – 1.2 kHz

Usable bandwidth (-10dB): 27 Hz – 1.5 kHz

Sensitivity (2,83 Vrms @1m): 101,5 dB

AES Power capacity: 1200 W

Recommended Amplification: 800 to 2500 W

Maximum SPL calculated: 132.5 dB

Peak SPL calculated: 138.5 dB

Nominal impedance: 4 Ω ou 8 Ω

Nominal directivity (-6dB): 120° x 60°

H x W x D: 1100mm x 750mm x 405mm

Construction: 19 mm of medium – Numerous covers

Finish: Black paint

Connection: Universal terminal

Weight: 67.50kg – 215B42



E315B42

3 x 15" high output speakers, 4" moving coil, flat copper wire coiled vertically, ferrite magnet.

Frequency response (± 3 dB): 30 Hz – 1 kHz

Usable bandwidth (-10dB): 25 Hz – 1.2 kHz

Sensitivity (2,83 Vrms @1m): 103 dB

AES Power capacity: 1800 W

Recommended Amplification: 1500 to 4000 W

Maximum SPL calculated: 135.5 dB

Peak SPL calculated: 141.5 dB

Nominal impedance: 3 Ω or 6 Ω

Nominal directivity (-6dB): 100° x 50°

H x W x D: 1140mm x 760mm x 560mm

Construction: 19 mm of medium – Numerous covers

Finish: Black paint

Connection: Universal terminal

Weight: 85.40kg



E415B42

4 x 15" high output speakers, 4" moving coil, flat copper wire coiled vertically, ferrite magnet.

Frequency response (± 3 dB): 27 Hz – 800 Hz

Usable bandwidth (-10dB): 22 Hz – 1 kHz

Sensitivity (2,83 Vrms @1m): 104.5 dB

AES Power capacity: 2400 W

Recommended Amplification: 2000 to 5000 W

Maximum SPL calculated: 138.5 dB

Peak SPL calculated: 144.5 dB

Nominal impedance: 2 Ω / 4 Ω / 2 x 4 Ω / 2 x 8 Ω

Nominal directivity (-6dB): 90° x 50°

H x W x D: 1140mm x 900mm x 620mm

Construction: 19mm of medium – Numerous covers

Finish: Black paint

Connection: 2 universal terminals

Weight: 106.70kg

▶ LOW-MID RANGE MODULES



BMXC10BM32

1 x 10" high output speaker, 3" moving coil, flat copper wire coiled vertically, ferrite magnet.

Frequency response (± 5 dB): 125 Hz – 1,5 kHz
 Usable bandwidth (-10dB): 110 Hz – 1,7 kHz
 Sensitivity (2.83 Vrms @1m): 105 dB
 AES Power capacity: 350 W
 Recommended amplification: 50 to 500 W
 Maximum SPL calculated: 131 dB
 Peak SPL calculated: 137 dB
 Nominal impedance: 8 Ω
 Nominal directivity (-6dB): 100° x 50°

BMXC10B34

1 x 10" very high output speaker, 3" moving coil, flat aluminum wire coiled vertically, ferrite and neodyme magnets.

Frequency response (± 5 dB): 130 Hz – 1,8 kHz
 Usable bandwidth (-10dB): 120 Hz – 2,0 kHz
 Sensitivity (2.83 Vrms @1m): 108 dB
 AES Power capacity: 300 W
 Recommended amplification: 50 to 500 W
 Maximum SPL calculated: 133 dB
 Peak SPL calculated: 139 dB
 Nominal impedance: 8 Ω
 Nominal directivity (-6dB): 100° x 50°



BMXC12B34

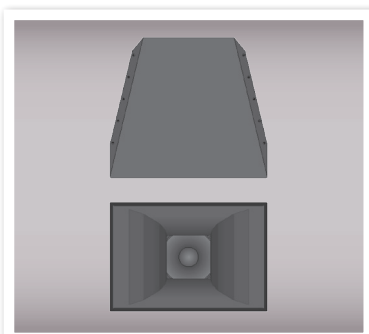
1 x 12" high output speaker, 3" moving coil, flat copper wire coiled vertically, ferrite magnet.

Frequency response (± 5 dB): 110 Hz – 1,2 kHz
 Usable bandwidth (-10dB): 100 Hz – 1,4 kHz
 Sensitivity (2.83 Vrms @1m): 106dB
 AES Power capacity: 400 W
 Recommended amplification: 100 to 800 W
 Maximum SPL calculated: 132dB
 Peak SPL calculated: 138dB
 Nominal impedance: 8 Ω
 Nominal directivity (-6dB): 100° x 50°

BMXC12M32N

1 x 12" very high output speaker, 3" moving coil, flat aluminum wire coiled vertically, ferrite and neodyme magnets.

Frequency response (± 5 dB): 120 Hz – 1,5 kHz
 Usable bandwidth (-10dB): 110 Hz – 1,7 kHz
 Sensitivity (2.83 Vrms @1m): 109 dB
 AES Power capacity: 350 W
 Recommended amplification: 50 to 800 W
 Maximum SPL calculated: 135 dB
 Peak SPL calculated: 141 dB
 Nominal impedance: 8 Ω
 Nominal directivity (-6dB): 100° x 50°



BMXC15BM45

1 x 15" high output speaker, 4" moving coil, flat copper wire coiled vertically, ferrite magnet.

Frequency response (± 5 dB): 110 Hz – 1,1 kHz
 Usable bandwidth (-10dB): 100 Hz – 1,2 kHz
 Sensitivity (2.83 Vrms @1m): 110dB
 AES Power capacity: 450 W
 Recommended amplification: 100 to 1000 W
 Maximum SPL calculated: 137 dB
 Peak SPL calculated: 143 dB
 Nominal impedance: 8 Ω
 Nominal directivity (-6dB): 100° x 50°

H x W x D: 620mm x 900mm x 800mm
Construction: 19 mm of Medium
Finish: Black paint
Connector: Universal terminal
Weight: 60.70kg

MID-HIGH MODULES



EMH475

2" driver, 3" moving coil, flat aluminium wire coiled vertically, ferrite magnet.

Frequency response (± 5 dB): 550 Hz – 18 kHz

Usable bandwidth (-10dB): 500 Hz – 19 kHz

Sensitivity (2,83 Vrms @1m): 110 dB

AES Power capacity: 120 W

Recommended amplification: 50 to 250 W

Maximum SPL calculated: 131 dB

Peak SPL calculated: 137 dB

Nominal impedance: 8 Ω

Nominal directivity (-6dB): 90° x 40°

H x W x D: 329mm x 420mm x 317mm

Construction: steel support 20/10°

Finish: Oven baked black paint

Connector: Spring terminals

Weight: 13.05kg



EMH480

2" driver, 4" moving coil, flat aluminium wire coiled vertically, ferrite magnet.

Frequency response (± 5 dB): 550 Hz – 15 kHz

Usable bandwidth (-10dB): 500 Hz – 17 kHz

Sensitivity (2,83 Vrms @1m): 111 dB

AES Power capacity: 180 W

Recommended amplification: 50 to 400 W

Maximum SPL calculated: 133 dB

Peak SPL calculated: 139 dB

Nominal impedance: 8 Ω

Nominal directivity (-6dB): 90° x 40°

H x W x D: 329mm x 420mm x 347mm

Construction: Steel support 20/10°

Finish: Oven baked black paint

Connector: Spring terminals

Weight: 16.30kg



EMH775

2" driver, 3" moving coil, flat aluminium wire coiled vertically, ferrite magnet.

Frequency response (± 5 dB): 500 Hz – 17 kHz

Usable bandwidth (-10dB): 400 Hz – 18 kHz

Sensitivity (2,83 Vrms @1m): 112 dB

AES Power capacity: 140 W

Recommended amplification: 50 to 250 W

Maximum SPL calculated: 134 dB

Peak SPL calculated: 140 dB

Nominal impedance: 8 Ω

Nominal directivity (-6dB): 90° x 40°

H x W x D: 830mm x 660mm x 826.5mm

Construction: Steel support 25/10°

Finish: Oven baked black paint

Connector: Spring terminals

Weight: 24.50kg



EMH780

2" driver, 4" moving coil, flat aluminium wire coiled vertically, ferrite magnet.

Frequency response (± 5 dB): 480 Hz – 14 kHz

Usable bandwidth (-10dB): 350 Hz – 15 kHz

Sensitivity (2,83 Vrms @1m): 113 dB

AES Power capacity: 200 W

Recommended amplification: 50 to 400 W

Maximum SPL calculated: 136 dB

Peak SPL calculated: 142 dB

Nominal impedance: 8 Ω

Nominal directivity (-6dB): 90° x 40°

H x W x D: 830mm x 660mm x 855mm

Construction: Steel support 25/10°

Finish: Oven baked black paint

Connector: Spring terminals

Weight: 27.75kg