

C 6

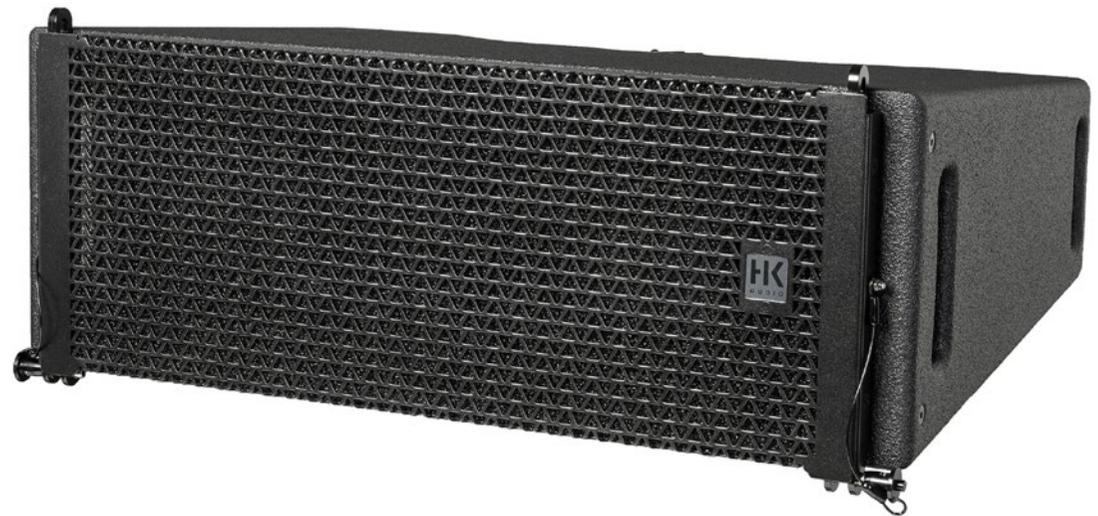
Mid/High Line Array Unit

Part number: 1007695

The wide horizontal dispersion of 100° and the low overall height make this compact array an ideal sound solution, even for audiences covering very large areas. Thanks to the low weight of the C 6, it can meet high acoustic requirements, even with limited load capacity. The in-depth frequency response makes it perfect for use in pure speech applications without additional subwoofers. A special waveguide before the 6.5" transducers increases the maximum sound pressure level and ensures that the C 6 delivers excellent sound results, even as part of large mixed arrays.

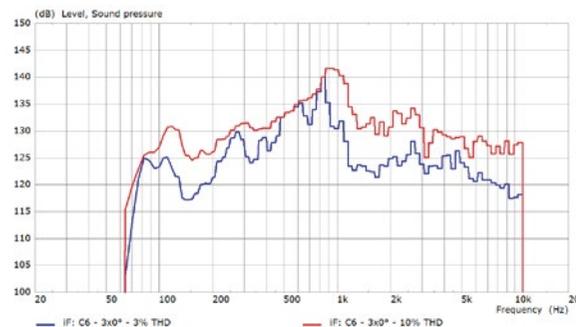
Characteristics

- Recommended for ranges of up to 30 m
- The wide dispersion and low overall height make the C 6 a versatile main system
- Meets high acoustic requirements, even with limited load capacity
- Modular, adjustable asymmetrical sound dispersion in combination with the C 10 and C 8
- Good full-range performance makes it particularly suitable for applications with a focus on speech and where separate subwoofers cannot be accommodated
- Adapter-free, so no gaps when combined with the C 10 and C 8
- Ideal as the bottom section of a mixed array

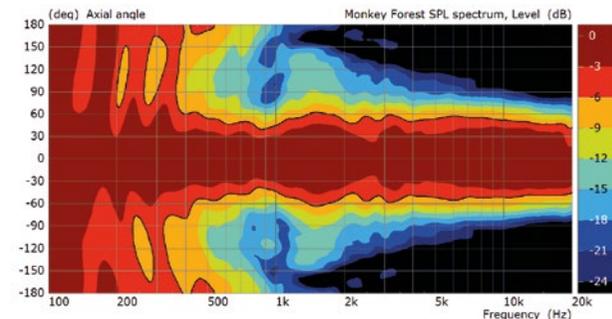


Technical data

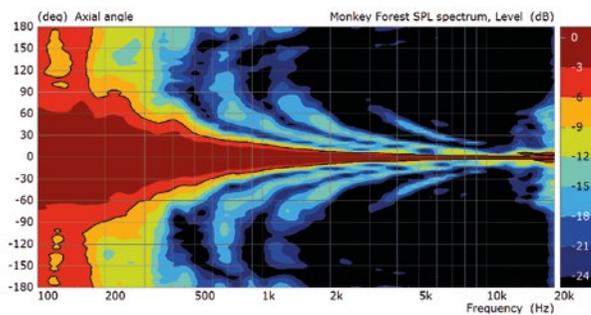
C 6	
Power-handling nominal (RMS)	400 W
Power-handling, program	800 W
Frequency response +/-3 dB	75 Hz - 18 kHz
Frequency response -10 dB	70 Hz - 19 kHz
Sensitivity 1 W @ 1 m	102 dB (100 Hz - 10 kHz), full space
Max. SPL @ 10% THD (EN 60268-21:2019)	141 dB (3 units C 6)
Electrical impedance	16 ohms
Low/mid speaker	2x 6,5", 2" voice coil
HF Driver	1,4", 3" voice coil
Directivity	100° horizontal
Crossover frequency	1 kHz, 12 dB/oct.
Connections	2x Speakon NL4 (with sealing cap)
Rigging points	3-point rigging hardware with black KTL coating
Carrying handles	4x recessed grip
Housing	Birch multiplex
Finish	PU coating black
Front grille	Steel front grill with anticorrosive coating, acoustic foam
Dimensions (WxHxD)	60 x 22 x 45 cm 23-5/8 x 8-21/32 x 17-23/32"
Weight	20.2 kg / 44.5 lbs



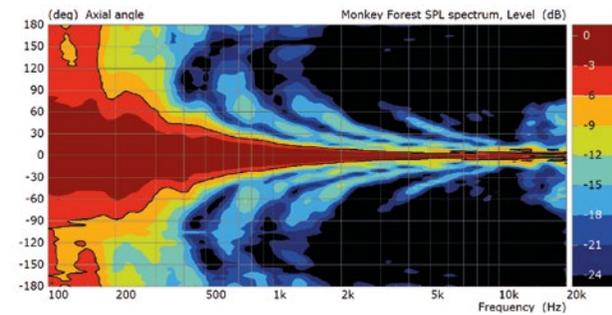
Max. SPL (3x C 6 units)
(blue = 3 % THD, red = 10 % THD)



Horizontal directivity



Vertical directivity
(3X C 6 units with 0° splay)



Vertical directivity
(3X C 6 units with 3° splay)

C 6 Mid/High Line Array Unit

Accessories

CRF-60

Part number: 1007677

The compact CRF-60 serves as the rigging and adapter frame for all COSMO series mid/high units. With the benefit of its lean dimensions and 350 kg MWL, it is a great add-on for smaller COSMO setups. When paired with the optional M20 Adapter, this frame connects subwoofers and mid/high units in ground stacks.



CRF-80

Part number: 1007678

The CRF-80 serves as the rigging and adapter frame for all COSMO series mid/high units. It can also accommodate the CF 118 subwoofer. Rated for 700 kg maximum working load (MWL), this rigging frame is used in large COSMO setups with flown subwoofers. When paired with the optional M20 Adapter, this frame connects subwoofers and mid/high units in ground stacks.



CRF-PB

Part number: 1007679

The CRF-PB pullback frame enables compressed mode rigging with the included lashing strap and, with a suitable pole mount adapter, lets you place COSMO mid/high units on speaker stands.



C-WB

Part number: 1007698

The compact COSMO wheel board is a space-saving alternative for transporting C 6, C 8 or C 10 mid/high units. The fitted cover protects the speaker in transit.



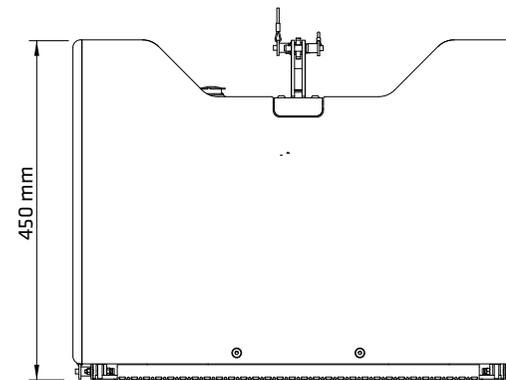
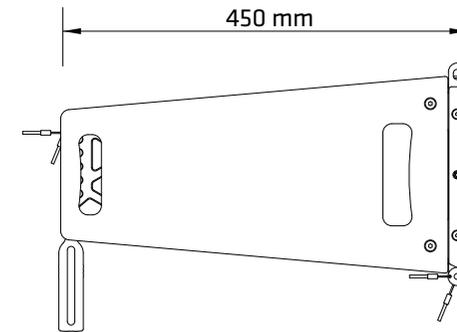
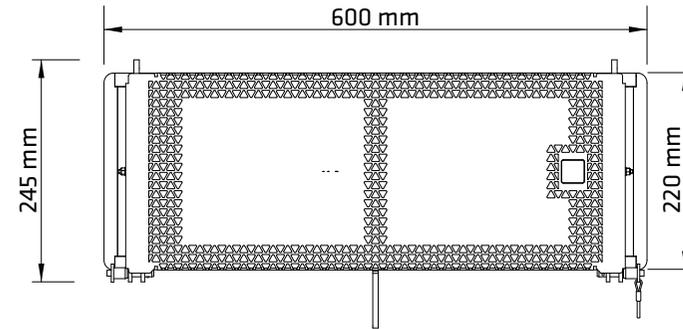
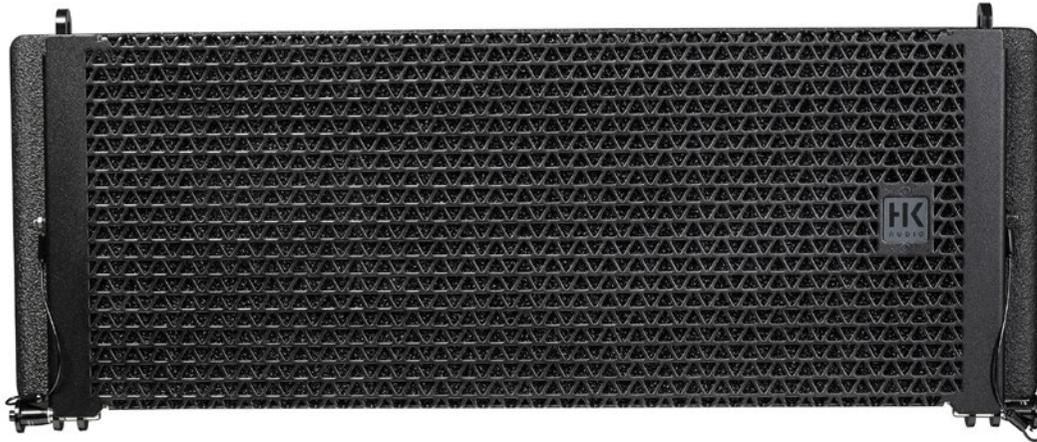
C-GSA

Part number: 1007682

The C-GSA ground stack adapter connects rigging frames and mid/high units for use in ground stacks and lets you aim the array by adjusting the tilt angle.



C 6 Mid/High Line Array Unit



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