

K&F ACCESS T5

- 2-way horn-loaded mid-high loudspeaker system with highest possible specifications
- 'True Array Design' with very precise 50° x 40° coverage
- Directivity starting at 250 Hz
- 143 dB max. SPL
- Operation with the K&F SystemAmps
- Compatible to ACCESS T9 and ACCESS B5



ACCESS T5 is a full horn-loaded high-end sound system for venues and outdoor use, with extremely high output levels. With an even and homogeneous dispersion pattern of 50° x 40° the ACCESS T5 is designed to build powerful clusters and arrays, for small to very big venues and stadiums.

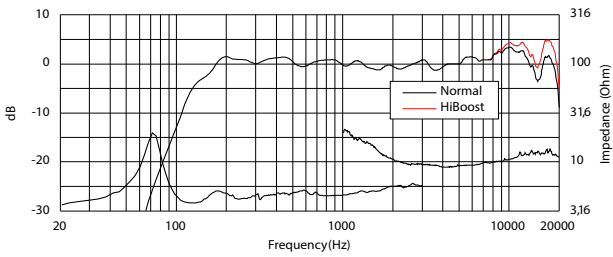
The use of the designed 5" compression driver allows wide band highest sound pressure levels (more as 140 dB) with minimum distortion and highest possible audio quality. The M5 driver (patented) reproduces the complete medium spectrum starting from 130 Hz to 2 kHz. A parallel to this driver working 12" horn loaded speaker gives 6 dB more sound pressure at the low-mid part and allows the low crossover frequency of 130 Hz to the ACCESS B5 subwoofer. Starting at 500 Hz the 12" speaker is deadened out by acoustical foam in the horn. From this frequency, the 5" driver is the only source for the mid frequencies. This innovative draft reduces interference effects and explains the exceptional homogeneous and transparent audio quality. The wide linear frequency response from the M5 driver relieves the top quality 1.5" driver/horn combination. This combination reproduces the high frequencies with ease and perfection from 1.8 kHz to 20 kHz. Every flare shape used in the ACCESS series gives not only a consistent pattern control and perfect directivity but gives 2 to 5 dB more output compared to conventional CD horns.

The well considered centre of gravity and features allow flexible use in various sound applications. A K&F SystemAmp, which optimally sets and monitors all operating parameters is required. The ACCESS T5 is a high-end mid/highsound system giving the highest possible audio quality for heavy hard-rock concerts as well as for classical music.

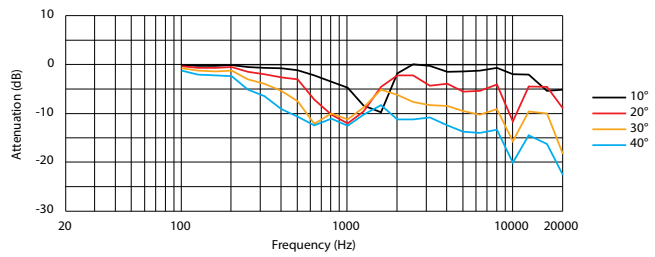
K&F ACCESS T5	
Design	Passive 2-way bass reflex system
Operation with	K&F PLM+ Series K&F D Series K&F SystemRack ¹ K&F TOPAS ¹
Frequency response -10 dB	100 Hz – 20 kHz
Frequency response ±3 dB	130 Hz – 19 kHz
Coverage angles nominal	50° x 40° (hor. x vert.)
Power handling nominal	600 watts
Power handling program	1,200 watts
Power handling peak	2,400 watts
Max. SPL	143 dB (SPL peak/1 m)
Impedance nominal	5 Ω Low Mid, 10 Ω High Mid
Loudspeaker per channel	See matrix
Components	1.5" compression driver with CD horn, 5" compression driver with CD horn, 12" chassis with conical CD horn
Connectors	2 x speakON® 4-pol NLT4MP (Lsp. 1: 2-/3+-, Lsp. 2: 1-/4+) IN parallel to OUT
Enclosure	15 mm multiplex with highly resistant structured paint (PU) in RAL 9005 (black), 2 cluster angles 4°/15°, 2 flying points K&F ACCESS (MAN CF4T), 4 ergonomical butterfly handles, 2 strap brackets, 4 non-abrasive plastic sliders, stacking grooves for stacking identical enclosures, 4 rear mounted 100 mm transport castors, 2 locking profiles for optional transport cover, ball-proof steel grille with exchangeable acoustic foam (black)
Dimensions (W x H x D)	600 x 900 x 876 mm (incl. castors)
Weight	92 kg
Colour	RAL 9005 (black) RAL special colour
Options	'EP-5'- instead of 'speakON®'-connectors 'Outdoor Mobile'
Accessories	See catalogue or www.kling-freitag.com

¹ Discontinued in October 2015

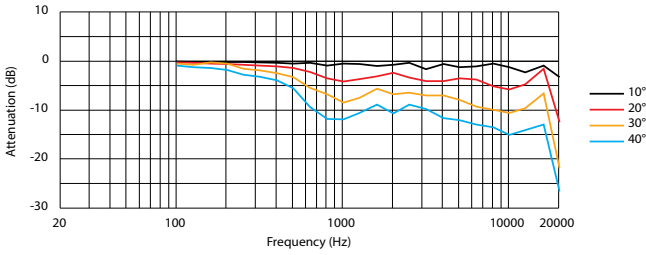
Frequency response "on axis" with Controller C5/9



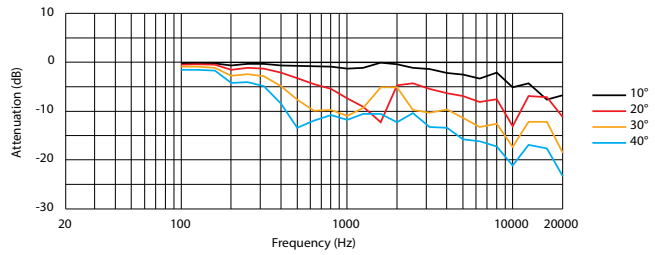
Vertical frequency response "off axis up"



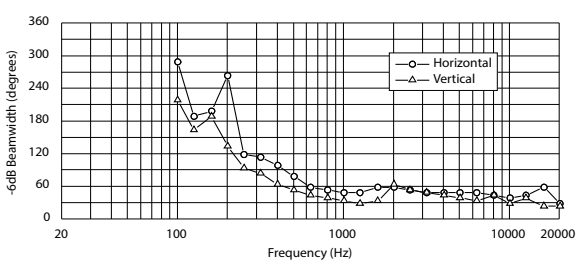
Horizontal frequency response "off axis"



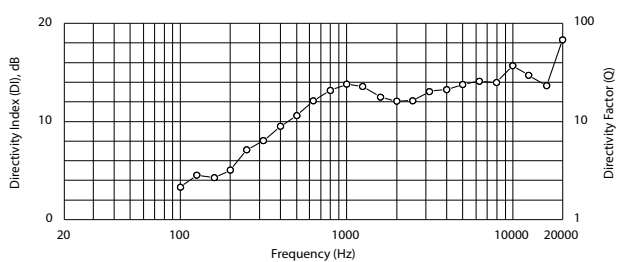
Vertical frequency response "off axis down"



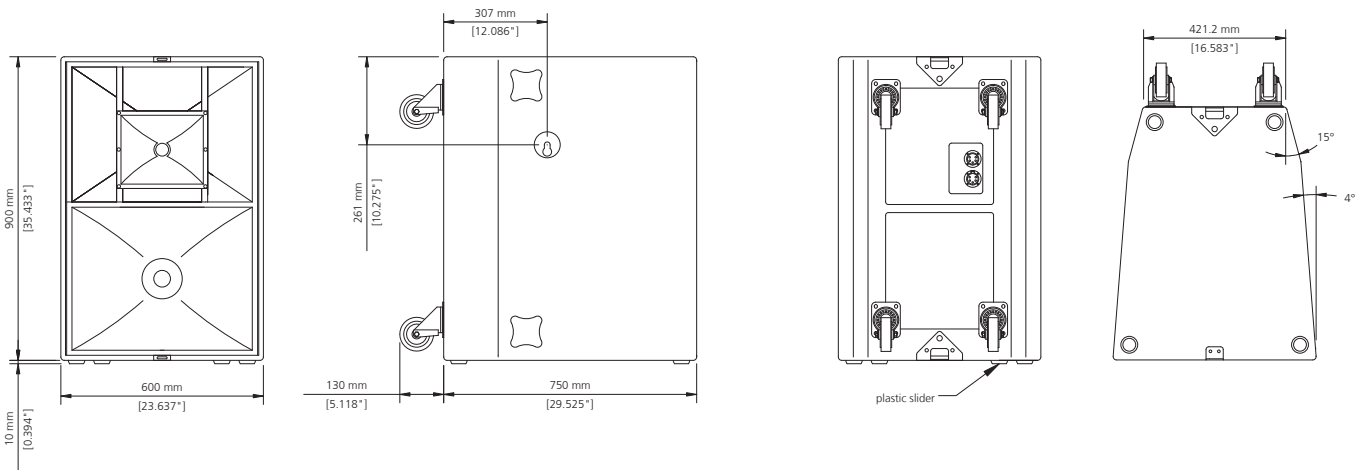
Beamwidth



Q-Index



All measurements under free field conditions. Frequency patterns 1/6 octave averaged. Coverage and polar pattern 1/3 octave averaged. The manufacturer reserves the right to make product alterations to improve product quality without prior notice. Errors excepted.



Further information and data like specifications, manuals, technical drawings as DWG, DXF and PDF files as well as data files for acoustic simulations with Ease and Ulysses are available on our web site www.kling-freitag.de

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