

K&F CA 1515-6

- 2-way full range system 15"/1.5"
- Passive crossover with time alignment correction
- Very precise coverage in horizontal and vertical axes, rotatable horn
- Multifunctional enclosure
- 131 dB max. SPL
- Optional operation with K&F SystemAmps



The CA 1515-6 is the logically consistent development of the successful CA series. This compact full-range high-power loudspeaker system provides a 15" LF-transducer, a 1.5" compression driver and a passive crossover network. Regardless to its small dimensions the especially developed 15" chassis gives the CA 1515 an impressive bass reproduction. The CA 1515 systems are suitable for any programme source and flexible in use, such as main system, center-speaker, side-, drum- and downfill or as stage monitor.

With a coverage of 65° x 50°, the CA 1515-6 is very suitable for nearfield applications as well as for middle and far distances. High maximum acoustic pressure, low feedback tendency, excellent speech intelligibility and a precise reproduction of music programme result from the extensive horn's outstanding directivity, the 1.5" driver's acoustic capability and the linear and phase coherent crossover network. This makes the sound of the CA 1515-6 extremely powerful, free of coloration and precise. As a stage monitor, this system bears comparison with professional wedges.

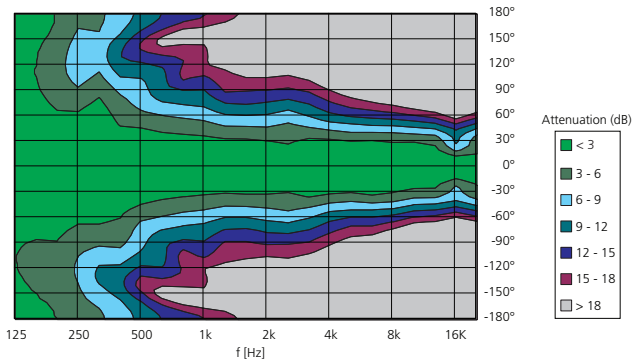
In addition, multiple innovative detail solutions make the CA 1515 system an allrounder with plug-and-play features, such as the asymmetric multi-angle enclosure, which provides acoustic advantages as well as multiple mounting-options: pole-mounted, flown in a cluster or single and as a floor wedge. Furthermore, „butterfly“-handles for easy transport, driver protection and a 90° rotatable horn to fit the directivity to multiple applications. Optionally, the result of the CA 1515-9 can be enhanced with the K&F SystemAmps.

The professional user will be convinced of versatility, power capability and sound of the CA 1515 systems.

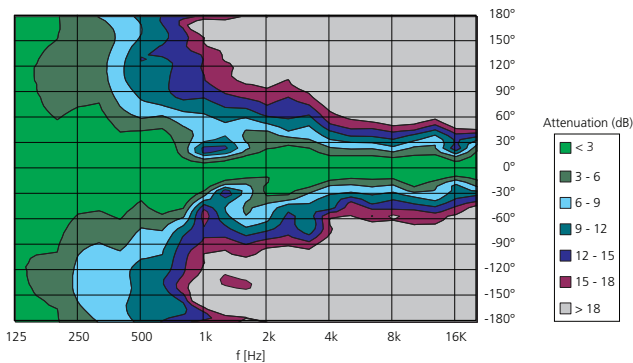
| K&F CA 1515-6 | |
|---------------------------|--|
| Design | Passive 2-way bass reflex system |
| Operation with | K&F PLM+ Series, K&F D Series, K&F IPX 2400, Lab.gruppen IPD 2400 ¹ , K&F SystemRack ¹ , passive with linear amplifiers |
| Frequency response -10 dB | 47 Hz – 22 kHz |
| Frequency response ±3 dB | 77 Hz – 19 kHz |
| Coverage angles nominal | 65° x 50° (hor. x vert.), CD horn rotatable |
| Power handling nominal | 500 watts |
| Power handling program | 1.000 watts |
| Power handling peak | 2.000 watts |
| Max. SPL | 131 dB (SPL peak/1 m) |
| Impedance nominal | 8 Ω |
| Loudspeaker per channel | See matrix |
| Components | 1.5" high frequency driver with 75 mm Titanium diaphragm, 15" low-mid chassis, 1.1 kHz 12 dB/octave, automatic resettable driver protection, passive allpass filter for time alignment and phase optimization |
| Connectors | 2 x speakON® 4-pol NLT4MP (+1/-1) IN parallel to OUT |
| Enclosure | Multi-functional enclosure out of 15 mm multiplex with highly resistant structured paint (PU) in RAL 9005 (black), 55° monitor angle, cluster angle, 2 ergonomical butterfly handles, internale pole mount, 4 non-abrasive plastic sliders on monitor angle, 5 flying points 'allsafe JUNGFAK', ball-proof steel grill with exchangeable black acoustic foam |
| Dimensions (W x H x D) | 434 x 680 x 411 mm |
| Weight | 36.4 kg |
| Colour | RAL 9005 (black) RAL special colour |
| Options | 'AS' axial symmetrical version '100 V' with 300 VA toroidal transformer (38.9 kg) 'Barrier strip' instead of 'speakON®' connectors 'Outdoor Mobile' 'Outdoor Installation' |
| Accessories | See catalogue or www.kling-freitag.com |

¹ Discontinued

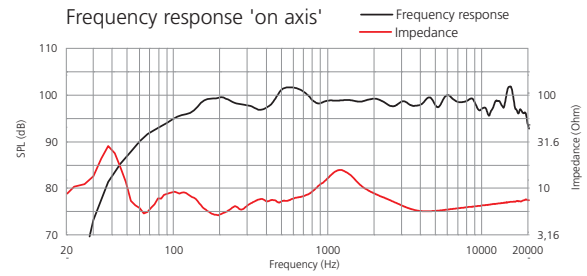
Horizontal coverage pattern



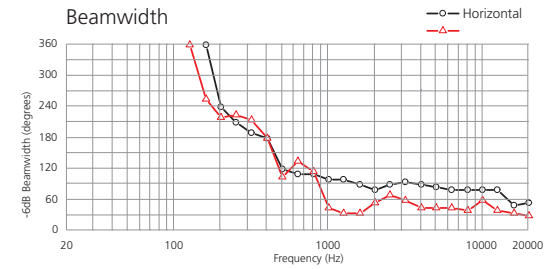
Vertical coverage pattern



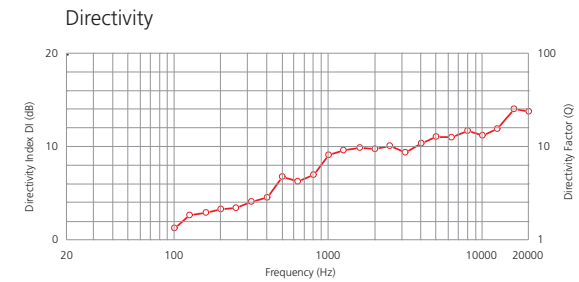
Frequency response 'on axis'



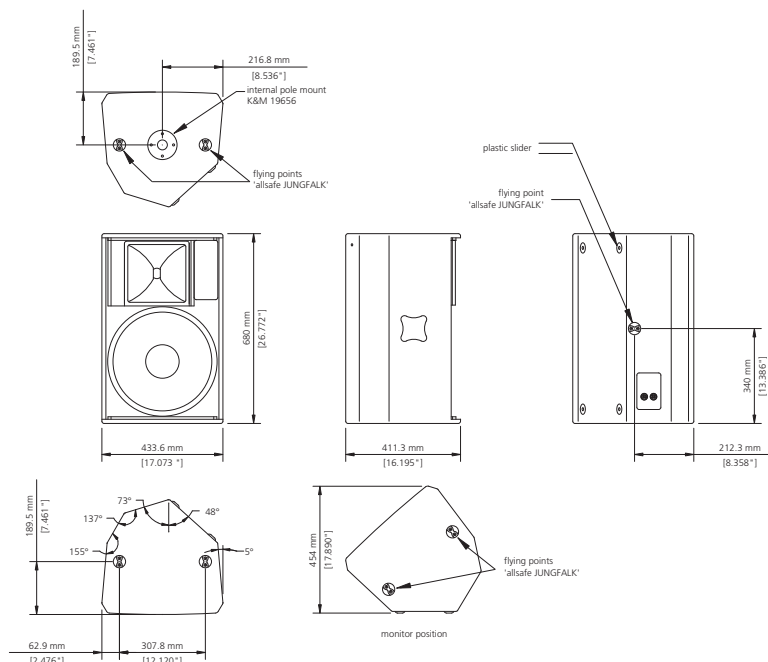
Beamwidth



Directivity



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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