The CA 1215-6 is a compact full-range, high-power loudspeaker system with 12” and 1.5” transducers. With a coverage of 65 x 50 degrees, the CA 1215-6 is the ultimate tool for medium and long throw applications. If a wider horizontal coverage or a higher SPL is needed it is possible to combine more systems to powerful arrays with very homogenous sound dispersion. Even at distance the CA1215-6 sounds very direct, also at very high sound pressure levels the sound is crystal clear and free of coloration.

The well-considered design of the CA 1215-6 enclosure and the variety of mounting hardware options allow flexible usage in various sound applications. With the 1.5” driver the CA 1215-6 has the best of both worlds: the high resolution of a 1” driver and the pure power of 2” driver. The CD-Horn provides consistent pattern control in both axes already from 1 kHz upwards. The highly efficient 12” loudspeaker in an optimum ported enclosure produces clear, bone dry lows with high sound pressure levels.

The total quality of a passive loudspeaker design, like the CA 1215-6, depends not only on the use of very high quality woofers and drivers, but a major part of the overall quality depends on the design of the cross-over network. Apart from the exactly tuned compensation filters, we use for the first time a passive two step all-pass filter, to optimise the phase response and time alignment between the two transducers. The result is a hardly noticeable transition between the woofer and the horn driver, and a perfect “off axis” frequency response starting at 500 Hz. For extra safety there is a built-in limiter circuit for the 1.5” driver.

The CA 1215-6 can be used in horizontal and vertical plane. A revolving 65 x 50 degree flare gives the freedom to adjust the CA 1215-6 for the wanted coverage. The enclosure has a trapezoidal shape with two cluster angles, 5 signal stud rigging points and an internal pole mount. The CA 1215-6 - M version has one side with an angle of 48 degrees for use as a floor monitor.

With the CA 1215-6 the most exacting user gets an excellent full-range system that combines the highest possible audio quality with impressive high sound pressure levels.

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**K&F CA 1215-6**

- **Design**: Passive 2-way bass reflex system
- **Operation with**: K&F PLM+ Series, K&F D Series, Lab.gruppen IPD 2400, K&F SystemRack1, K&F TOPAS1, passive with linear amplifiers
- **Frequency response -10 dB**: 58 Hz – 22 kHz
- **Frequency response ±3 dB**: 80 Hz – 19 kHz
- **Coverage angles nominal**: 65° x 50° (hor. x vert.), CD horn rotatable
- **Power handling nominal**: 400 watts
- **Power handling program**: 800 watts
- **Power handling peak**: 1,600 watts
- **Max. SPL**: 130 dB (SPL peak/1 m)
- **Impedance nominal**: 8 Ω
- **Loudspeaker per channel**: See matrix
- **Components**: 1” high frequency driver with 75 mm Titanium diaphragm automatic resetable driver protection, 12” low-mid chassis, 1.2 kHz 12 dB/octave, passive allpass filter to optimise phase and time alignment
- **Connectors**: 2 x speakON® 4-pol NLT4MP (+1/-1) IN parallel to OUT
- **Enclosure**: Trapezoidal enclosure out of 15 mm multiplex with highly resistant structured paint (PU) in RAL 9005 (black), 2 ergonomic butterfly handles, internal pole mount, 5 flying point ‘allsafe JUNGFALK’, ball-proof steel grill with exchangeable black acoustic foam
- **Dimensions (W x H x D)**: 379 x 605 x 375 mm
- **Weight**: 31 kg
- **Colour**: RAL 9005 (black)
  - RAL special colour
- **Options**: 'M', 48” monitor wedge’ (K&F CA 1215-6 - M) ‘AS’ axial symmetrical version ‘100 V’ with 300 VA toroidal transformer (33.5 kg) ‘Barrier strip’ instead of ‘speakON®’ connectors ‘Outdoor Mobile’ ‘Outdoor Installation’
- **Accessories**: See catalogue or www.kling-freitag.com

1 Discontinued in October 2015
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.