

- **2-way full-range loudspeaker system loaded with 12"/1"**
- **Very wide and precise coverage in horizontal and vertical axes**
- **Rotatable horn 90° x 60°**
- **Multifunctional trapezoidal enclosure with cluster angles and flying points**
- **CA-1201-M is useful as wedge monitor**
- **8 Ohm version and 100 V version available**

The CA1201 is a compact full-range, high-power loudspeaker system with 12" and 1" transducers. With the wide coverage of 90° x 60° degrees, the CA1201 gives you, in nearfield applications, a complete acoustical saturation of the entire listening field. Even in extreme listening positions the sound is free of coloration. The sound imaging of the CA 1201 is precise and stable. With the powerful bass reproduction it is possible to use the CA1201 in some applications even without a sub woofer. By simply connecting sub woofer SW 115D-XO in parallel, you can create a small compact P.A. system with lots of reserves.

The well-considered design of the CA1201 enclosure and the variety of mounting hardware options, allow a flexible use in various sound applications. The CA1201-M version has one side with an angle of 48° degree for use as a floor monitor. A newly designed CD Horn provides consistent pattern control in horizontal and vertical axes and directivity starting at 800 Hz which makes it easier to control even critical situations. In the 1" driver a very light and solid Mylar diaphragm, for an excellent impulse response, is used. A revolving 90° x 65° flare gives the freedom to adjust the CA1201 for the wanted coverage. The highly efficient, nearly indestructible, 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 CA1201, depends not only on the use of very high quality transducers, but a major part of the overall quality depends on the design of the cross-over network. Exactly tuned compensation and linearisation filters optimise the phase response, time alignment and the frequency response. For extra safety there is a built-in limiter circuit for the 12" woofer and the 1" driver.

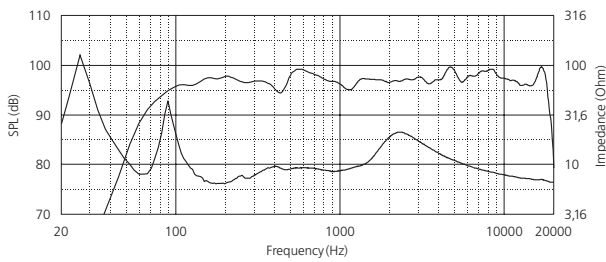
With the CA1201 the most exacting user gets an excellent, all-round full-range system with high quality performance and best value-for-price relationship.



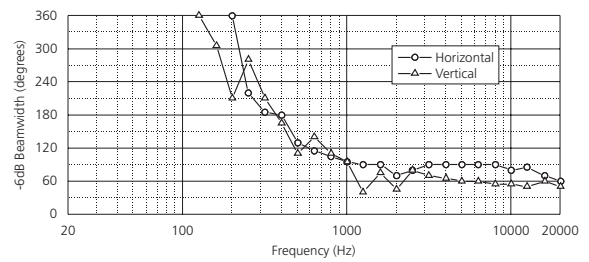
Design	2-way passive-system, bassreflex tuning
Frequency response -10 dB	54 Hz - 19 kHz
Frequency response ±3 dB	65 Hz - 18 kHz
Nominal coverage angles	90° x 60° (hor. x vert.)
Directivity index (DI)	10 (+1,5/-1) 1,2 kHz - 16 kHz
Power handling	300 Watt
Sensitivity 1 W/1 m	97 dB
Max SPL	126 dB (SPL peak/1 m)
Components	12" woofer 1" compression driver on a rotatable 90° x 60° CD-horn
Crossover	1,8 kHz 18 dB/Okt. automatic resettable tweeter and woofer protection
Impedance	8 Ω
Connectors	2 x Speakon NL4MP (1+/1-)
Connectors 100 Volt version	barrier strip or 2 x Speakon NL4MP
Additional descriptive data	trapezoidal enclosure with extra cluster angles CA 1201-M: with cluster and floor monitor angles 15 mm birch plywood with scratch proof polyurethane grey paint 2 ergonomic "butterfly" handles internal pole mount K&M 19656 black painted perforated steel grille with black acoustical foam
Rigging	5 flying studs Ancra Jungfalk
Dimensions	380 x 605 x 375 mm (W x H x D)
Weight	25 kg
Options	100 Volt version with toroidal transformer (50/100/150 VA), variety of mounting and flying hardware, painted in RAL-colours

CA 1201/-M

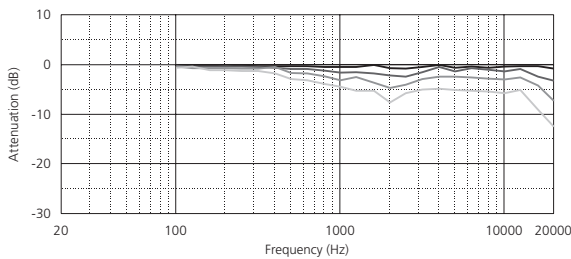
Frequency response "on axis"



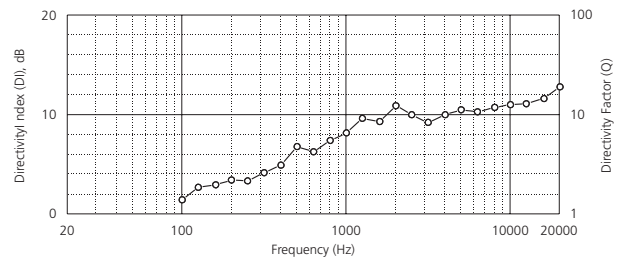
Beamwidth



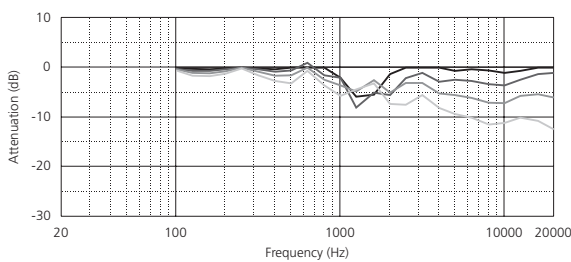
Horizontal frequency response "off axis"



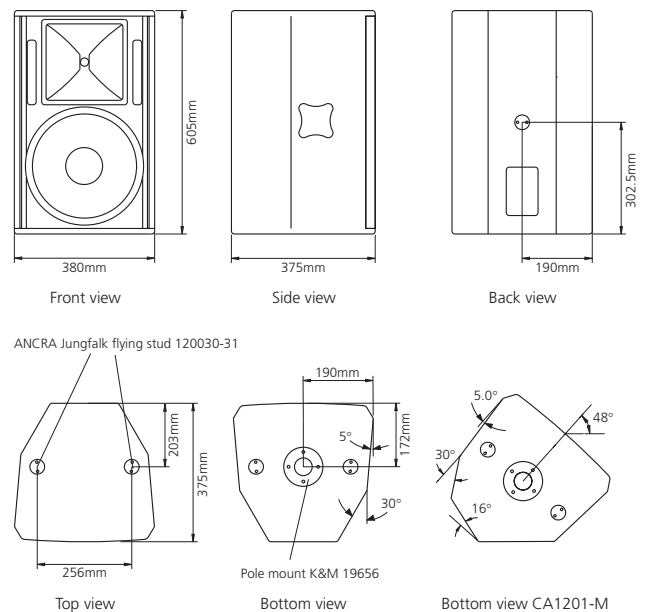
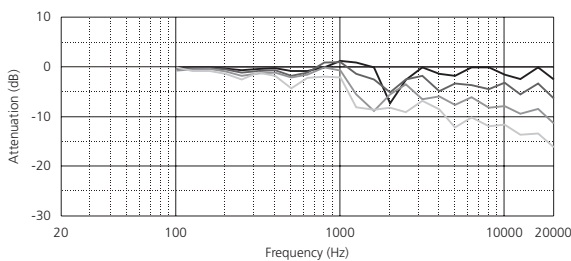
Q-Index



Vertical frequency response "off axis up"



Vertical frequency response "off axis down"



All measurements: Far field conditions. Frequency response 1/6 octave averaged, polar and directivity data 1/3 octave averaged. Kling & Freitag reserves the right to change all specifications without notice. We are not liable for misprints.

Architects' & engineers' specifications

Excellent 2-way full-range loudspeaker system loaded with 12" woofer and 1" compression driver on a rotatable 90° x 60° CD-horn. Homogeneous coverage and constant directivity starting at 1.2 kHz. Integrated cross-over with automatic resettable driver protection and passive filter to optimise phase response and time alignment. CA1201: trapezoidal enclosure with extra cluster angles, CA1201-M: trapezoidal enclosure with cluster and floor monitor angles. 15 mm birch plywood with scratch proof polyurethane grey paint, internal pole mount, 5 flying studs, 2 ergonomic "butterfly" handles, easily exchangeable black painted perforated steel grille with black acoustical foam

ated steel grille with black acoustical foam

Technical specifications:

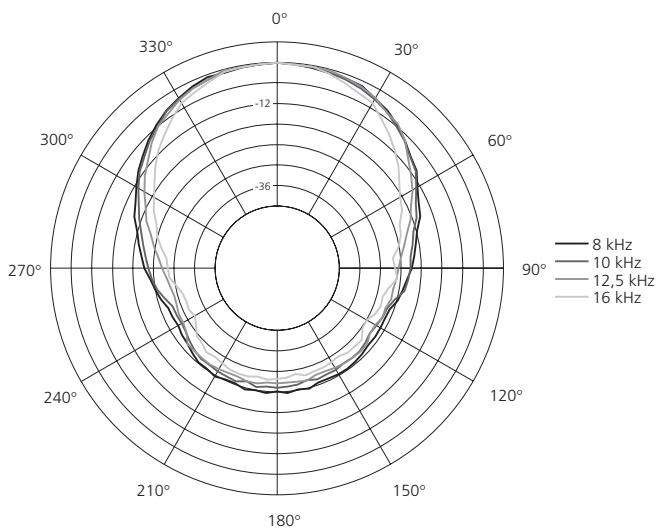
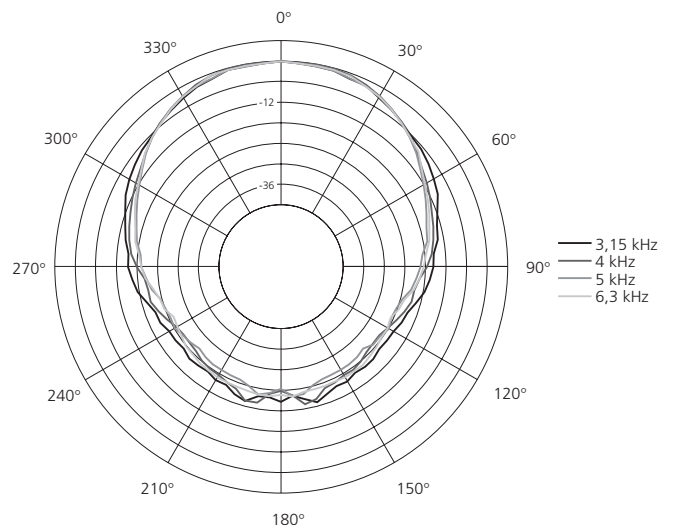
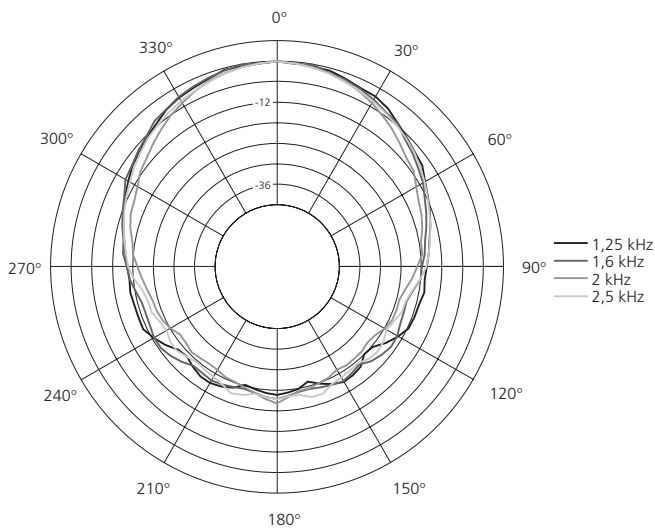
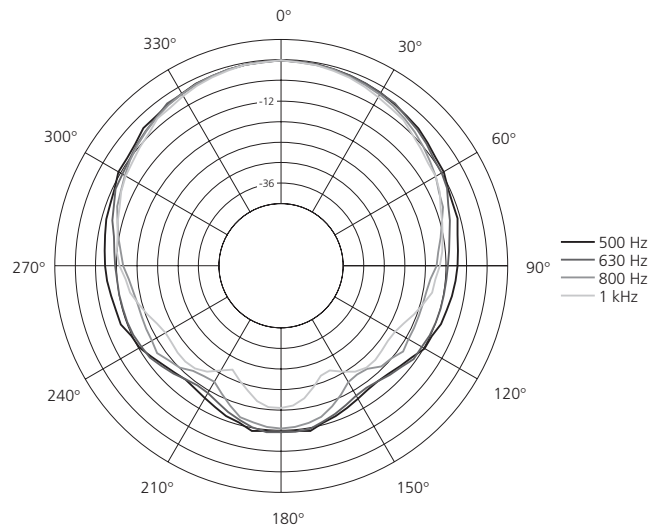
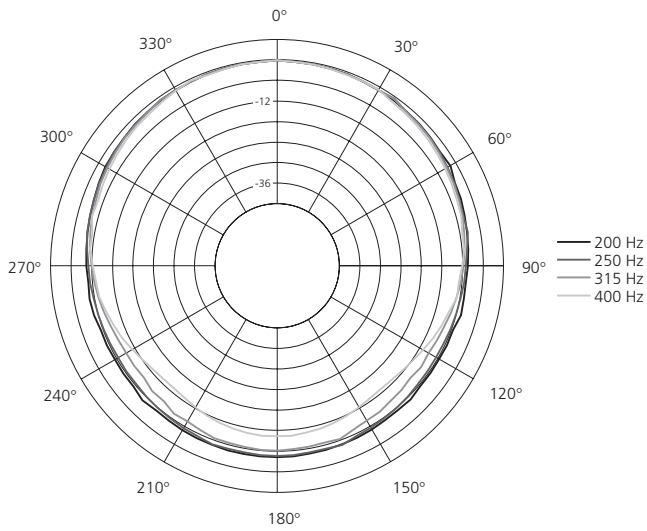
Frequency response: 54 Hz - 19 kHz (-10 dB), 65 Hz - 18 kHz (± 3 dB), Max SPL: 126 dB (SPL peak/1 m), Sensitivity: 97 dB (1 W/1 m), Power handling: 300 W, Impedance: 8 Ω , Dispersion pattern: 90° x 60° (hor. x vert.), Directivity index: 1 (+1.5/-1) 1.2 kHz - 16 kHz, Connectors: 2 x Speakon NL4MP, Size: (W x H x D) 380 x 605 x 375 mm, Weight: 25 kg. Options: painted in RAL colours, 100 V version.

Model: Kling & Freitag CA1201/1201-M

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Horizontal Polar Plots



Vertical Polar Plots

