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 60° 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.
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 resetable 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.

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

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 resetable 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.

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Vertical Polar Plots

- 200 Hz
- 250 Hz
- 315 Hz
- 400 Hz

- 500 Hz
- 630 Hz
- 800 Hz
- 1 kHz

- 200 Hz
- 250 Hz
- 315 Hz
- 400 Hz

- 500 Hz
- 630 Hz
- 800 Hz
- 1 kHz

- 1.25 kHz
- 1.6 kHz
- 2 kHz
- 2.5 kHz

- 3.15 kHz
- 4 kHz
- 5 kHz
- 6.3 kHz

- 8 kHz
- 10 kHz
- 12 kHz
- 16 kHz