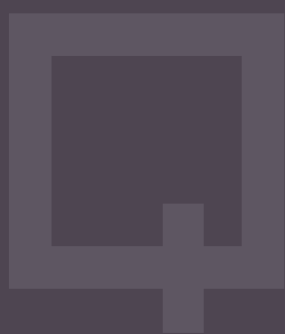


Sorry, this system may cause
damage on your building!



5.2 soundsystem "professional"



for better movies . . .

cinemateq 
professional home theater



You have never heard surround sound like this before!

The cinemateq 5.2 soundsystem "professional" is the ultimate surround system for an uncompromising installation that transforms your home cinema into a veritable film palace. With the 5.2 soundsystem "professional" you experience great movie cinema and dynamics like the stirring atmosphere of good real live concerts.

Experience the confident strength of a high efficiency system unleashing virtually unlimited pressure from two 18" drivers, each with a capacity of 320 litres. Enjoy the uncompromising transparency and precise articulation of a satellite system featuring horns producing no less than 100 decibels of finest harmonic and distortion-free sound pressure for each Watt of power amplifier output. Benefit from sophisticated subwoofer electronics, which by virtue of freely adjustable parameters, can be precisely set to your room layout and acoustics.

The system was designed for home cinema owners who value extremely powerful LFE reproduction (Low Frequency Effect Channel) alongside uncompressed dynamics and excellent sound characteristics.

Unlike most "hi-fi systems", the cinemateq sound system "professional" parries even the harshest demands film spectaculars place upon it with stoic aplomb.

For this purpose use is made of intelligent problem solutions which have their origin in professional technology: Acoustic "problem zones" in a room caused by standing waves are chiefly banished thanks to the flexible active cinemateq subwoofer electronics.

Setting options for the subsonic filter, a parametric equalizer for absorbing bass emphasis and a freely adjustable bass-boost for selectively emphasising low bass sounds solve virtually all space problems caused by "standing waves". Experience and enjoy the stress-free and dynamic precision of the cinemateq sound system "professional" at every sound level.

Highlights

- ❑ extremely high efficiency of up to 100 dB/2.8 V/1m
- ❑ precise sound due to heavy duty high efficiency drivers
- ❑ ultimate home cinema experience even in very large rooms
- ❑ intelligent flexible subwoofer electronics
- ❑ excellent studio monitoring systems for the front channels



These are only some highlights of the sound system "professional". Comprehensive details on all features, functions and facilities of the individual components and further information can be found on the internet at www.cinemateq.com

A combination of brute force and accuracy!

Technical description

Due to its large loudspeakers this system is designed for a professional installation in which the front channels and both subwoofers are positioned behind an acoustically transparent screen. A matching 3 metre wide screen, which is not caused to vibrate even at the highest volumes, is available from cinemateq.

1 Front speaker

The triple shielded studio front satellites feature two 21 cm bass/midrange drivers and a treble horn (90°H x 60°V) with a 25mm compression driver, polyester film diaphragm and 36mm coil. The extraordinary 100 dB /2,8 V /1 m efficiency of the SVP 1000 front loudspeaker permits the amplifier connected to concentrate easily on the reproduction of both fine and coarse dynamic events. The studio loudspeaker is manufactured from 1.5 or 2 cm thick solid wood and is painted black.

3 Subwoofer with 2 channel active amplifier

The 5.2 cinemateq sound system "professional" reproduces bass by means of two 18" drivers (457 mm) in impressive 320 litre cabinets. Thus reproduction of the LFE channel recorded on many DVDs is more than impressive. The 2 channel subwoofer amplifier supplied produces 2 x 300 W, has comprehensive settings for room adaptation and works without a fan.

2 Surround speaker

The two SVP 100 surround speakers cover the surround area. These loudspeakers feature high, impressive efficiency reaching 94 dB / 2.8 V / 1 m. The SVP 100 has a 210 mm bass/midrange driver and a 1" throat coupled to a medium size horn (90°H x 60°V).



cinemateq powered by GKF

Based on 45 years experience and authority as manufacturer of electro-acoustic technologies the mark GKF was created of the French company High Fidelity services S.A.S. in 1999 and is today referenced in more than 500 cinema halls, fully equipped with GKF systems throughout Europe. Also numerous well known production companies e.g. Walt Disney, Eurosport or TV5 use GKF systems in their studios.

Following the standards of professional movie theatres technologies, cinemateq developed together with GKF the sound system 5.2 "professional" for the home cinema range, which is assembled with high performances loudspeakers and –components and directly declined from the technology installed in cinema halls. The high sensitivity and performances offered by this system is far ahead usual systems.

Subwoofer amping:

Contrary to many conventional active subwoofer systems the cinemateq sound system "professional" features a plethora of setting options. Therefore the two subwoofers can be accurately tuned to the acoustics of the room in question. Instead of sound distorting boosts or cuts, the whole spectrum of deep and deepest bass frequencies is reproduced in an even and balanced fashion. Thanks to a built-in automatic stand-by feature the subwoofer electronics can also be positioned behind the screen.

The flexibility of the subsonic, equalizer and bass-boost setting options alongside the many high level signal, RCA or XLR connection inputs round off the high performance active electronics. At a power output of 2 x 300 Watts and an individual woofer efficiency of 98 dB/2.8V/1 m conventional subwoofer performance standards are demolished.

Subsonics:

The 24 dB subsonic filter provides secure protection against inaudible bass passages which do no good to the woofers. With its 15 to 40 Hz adjustment range this control optimizes tuning to the woofers' handling power or the maximum listening volume preferred by the user.

Equalizer:

The equalizer function makes it possible to suppress room resonances. In the frequency spectrum from 22 Hz to 100 Hz a narrow frequency band can be lowered by up to 6 dB. This has the effect that a frequency over-emphasis caused by a "standing wave" can be effectively reduced and a strong boom or imprecise reverberation can be suppressed.

Bass Boost:

The boost-level function effects an increase by up to 6 decibels in the ultra low bass range. The frequency to be employed is freely selectable between 20 und 55 Hz.

High-Cut:

The high-cut filter sets the upper threshold frequency for subwoofer output and can be freely selected between 40 and 155 Hz.

Phase:

Phase shifts can be adjusted according to room acoustics or speaker positioning via the 0 - 270° adjustable phase correction.



Subwoofer power amplifier cineamp

- ❑ 5.2 concept
- ❑ Front speakers with three identical studio monitors
- ❑ unobtrusive rear speakers which radiate at a slight slant
- ❑ double bass concept for optimum bass with brute bass extension.
- ❑ Ideally matched to cinemateq theatre screens
- ❑ Optional: extendable to 7.2 on request
- ❑ Optional: perfect measurement by our audio experts using special software for room acoustics

soundssystem "professional": technical Data

SVP 1000 Front speakers

Principle	two way bass-reflex	Frequency response	65 - 18.000 Hz	Basket diameter (woofer)	2 x 8" (210 mm)
Power handling	200 Watt (rms)	Dimensions (h x w x d)	620 mm x 300 mm x 310 mm	Basket diameter (mid-range / tweeter)	1" (25,4 mm) with put on horn (90° x 60°)
Impedance	4 Ohms	Weight	19 kg	Connections	Banana screw terminals
Sound pressure	100 dB 2,8V / 1m	Colour	Black Cinema		

SVP 100 Surround speakers

Principle	two way bass-reflex	Frequency response	90 - 19.000 Hz	Basket diameter (woofer)	8" (210 mm)
Power handling	100 Watt (rms)	Dimensions (h x w x d)	420 mm x 400 mm x 250 mm	Basket diameter (mid-range / tweeter)	1" (25,4 mm) with put on horn (90° x 60°)
Impedance	8 Ohm	Weight	12 kg	Connections	Banana screw terminal
sound pressure	94 dB 2,8V / 1m	Colour	Black Cinema		

EXB 600r Subwoofer

Principle	bass reflex	Frequency response	24 - 2.000 Hz	Basket diameter (woofer)	18" (457mm)
Power handling	600 Watt (rms)	Dimensions (h x w x d)	1100 mm x 700 mm x 420 mm	Connections	Banana screw terminal
Impedance	8 Ohm (min. 6,4 Ohm)	Weight	52kg		
Sound pressure	98 dB 2,8V / 1m	Colour	Black Cinema		

cineamp Subwoofer power amplifier

Principle	discrete power amplifier with parametric equalizer	Phase adjuster	0° - 270° (infinitely adjustable)	Connection types	XLR, Cinch (a-symmetrical, stereo), hi-Level
Rated output	2 x 300 W (rms)	Bass boost	0 bis max. +6 dB	Dimensions (b x w x d)	435 mm x 335 mm x 175 mm
Cross-over frequency	40 - 155 Hz (adjustable) / 24 dB	Frequency for boost	20 - 55 Hz	Weight	15 kg
Subsonics	15 - 40 Hz (adjustable) / 24 dB	Equalizer for lowering	0 bis max. -6 dB	Colour	black
		Frequency range of equalizer	22 - 100 Hz	supply voltage	230 v / 50 Hz