

K A P P A[®]

KAPPA AMPLIFIERS

Infinity[®] Kappa[®] Series car loudspeakers have long delivered sound quality that rivals the best home audio systems. Now Infinity engineers close the loop with a new line of slim-profile, high-output amplifiers worthy of the Kappa name. With a choice of subwoofer, 4-channel and total-system units, all with advanced power technology, noise-canceling circuitry and plenty of sheer muscle, there's a Kappa amp for every car, SUV, truck and musical taste out there.



K A P P A[®]

CLASS D/DIRECTFET[®] TECHNOLOGY

Kappa amps feature high-power Class D circuit topology with DirectFET[®] transistors, a design that increases power output and overall efficiency, with improved heat transfer from the transistors to the chassis. So you enjoy better performance from significantly smaller amps.

DYNAMIC BASS OPTIMIZATION (DBO)

Available on Kappa One and Kappa Five amps, DBO is a proprietary variable subsonic filter with variable bass boost. Unlike conventional fixed-frequency filters, DBO conserves power at frequencies below 100Hz, protecting woofers in vented-box applications from overexcursion, and flattening response through the lowest octaves in sealed-box and infinite-baffle applications.



KAPPA[®] ONE
SUBWOOFER AMPLIFIER



KAPPA[®] FOUR
4-CHANNEL POWER AMPLIFIER



KAPPA[®] FIVE
5-CHANNEL TOTAL-SYSTEM
POWER AMPLIFIER



NOISE-CANCELING SIGNAL INPUTS

Kappa amps use differential-signal inputs with high common-mode noise rejection for all speaker-level and line-level outputs from source units. Because noise from the vehicle's alternator and other electrical components is radiated into the positive and negative leads of each signal input equally, amplifying the difference between the leads effectively cancels out the noise, leaving only the music.

NONSTOP THERMAL PROTECTION

As you'd expect, Kappa amps feature smart circuitry to protect your speakers in the event of short circuits or problems with your battery, alternator or voltage regulator. But Kappa amps also protect themselves against excess heat, with circuits that cool the amplifier down by gradually reducing output without shutting it down completely. So the music never stops, no matter how hot things start to get.

ULTRALOW-PROFILE DESIGN

At just 1-3/4" high, Kappa amps will fit under most seats. Or virtually anywhere else that's convenient.



KAPPA ONE



800-WATT MONO SUBWOOFER AMPLIFIER WITH DIFFERENTIAL-SIGNAL INPUTS AND DYNAMIC BASS OPTIMIZATION

- Easy-to-install, compact design
- Variable electronic crossover
- DBO – variable bass EQ, plus subsonic filter
- Preamp outputs
- 500W RMS x 1, at 4 ohms $\leq 1\%$ THD + N*
- 800W RMS x 1, at 2 ohms $\leq 1\%$ THD + N*
- 1 Ohm, stable
- THD + N: 0.05%
- Signal-to-noise ratio: 85dBA (reference: 1W into 4 ohms)*
- Signal-to-noise ratio: 112dBA (reference: rated power into 4 ohms)
- Frequency response: 20Hz – 320Hz (–3dB)

* CEA-2006A-compliant

KAPPA FOUR



4-CHANNEL FULL-RANGE AMPLIFIER WITH DIFFERENTIAL-SIGNAL INPUTS

- Easy-to-install, compact design
- Independently variable electronic crossover
- Variable bass boost
- Preamp outputs
- 125W RMS x 4, at 4 ohms $\leq 1\%$ THD + N*
- 150W RMS x 4, at 2 ohms $\leq 1\%$ THD + N*
- 300W RMS x 2, at 4 ohms $\leq 1\%$ THD + N*
- THD + N: 0.05%
- Signal-to-noise ratio: 85dBA (reference: 1W into 4 ohms)*
- Signal-to-noise ratio: 106dBA (reference: rated power into 4 ohms)
- Frequency response: 10Hz – 75kHz (–3dB)

* CEA-2006A-compliant

KAPPA FIVE



5-CHANNEL TOTAL-SYSTEM AMPLIFIER WITH DIFFERENTIAL-SIGNAL INPUTS AND DYNAMIC BASS OPTIMIZATION

- Unified system amplifier solution
- Easy-to-install, compact design
- Independently variable electronic crossover
- DBO – variable bass EQ, plus subsonic filter
- Selectable subwoofer input
- 50W RMS x 4, plus 200W RMS x 1, at 4 ohms $\leq 1\%$ THD + N*
- 75W RMS x 4, plus 300W RMS x 1, at 2 ohms $\leq 1\%$ THD + N*
- 150W RMS x 2, at 4 ohms $\leq 1\%$ THD + N* plus
- 200W RMS x 1, at 4 ohms $\leq 1\%$ THD + N*
- THD + N: 0.05%
- Signal-to-noise ratio: 85dBA (reference: 1W into 4 ohms)*
- Signal-to-noise ratio: 102dBA (reference: rated power into 4 ohms)
- Frequency response: 10Hz – 75kHz and 15Hz – 320Hz (–3dB)

* CEA-2006A-compliant



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