

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 and 4-channel amps, featuring 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.

HIGHLIGHTS

HIGH-OUTPUT AMPLIFIERS

EASY-TO-INSTALL

VARIABLE ELECTRONIC CROSSOVER

DIFFERENTIAL-SIGNAL INPUTS

PREAMP OUTPUTS



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.

DYNAMIC BASS OPTIMIZATION (DBO)

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.

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

Kappa amps feature smart circuitry to protect your speakers in the event of short circuits or problems with your battery, alternator or voltage regulator. They also protect themselves against excess heat, with circuits that cool the amplifier down by gradually reducing output without shutting it down completely.

ULTRALOW-PROFILE DESIGN

At just 1-3/4" high, Kappa amps will fit under most seats.

KAPPA ONE KAPPA FOUR



MONO SUBWOOFER AMPLIFIER

500W (RMS x 1) output power @ 4 ohms, ≤1% THD + N*

800W (RMS x 1) output power @ 2 ohms, ≤1% THD + N*

THD + N: 0.05%

Signal-to-noise ratio: 85dBA (1W/4 ohms)*

Signal-to-noise ratio: 112dBA (rated power into 4 ohms)

Frequency response: 20Hz – 320kHz (–3dB)

Dimensions (L x D x H): 329mm x 179mm x 44mm

*CEA-2006A-compliant



4-CHANNEL FULL-RANGE AMPLIFIER

125W (RMS x 4) output power @ 4 ohms, ≤1% THD + N*

150W (RMS x 4) output power @ 2 ohms, ≤1% THD + N*

300W (RMS x 2) output power @ 4 ohms, ≤1% THD + N*

THD + N: 0.05%

Signal-to-noise ratio: 85dBA (1W/4 ohms)*

Signal-to-noise ratio: 106dBA (rated power into 4 ohms)

Frequency response: 10Hz – 75kHz (–3dB)

Dimensions (L x D x H): 329mm x 179mm x 44mm

*CEA-2006A-compliant



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