

# 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 IMS



## INPUT MANAGEMENT SYSTEM

- Allows hard-wired interface of multiple devices with many factory or aftermarket entertainment systems
- Seven switchable inputs support GPS navigation, mobile phones, portable music players, satellite radio and more
- Auto-priority inputs ensure that navigation prompts or mobile phone calls aren't missed
- Interface for *Bluetooth*® mobile phones and iPod (use of iPod requires third-party Bluetooth adapter)
- USB charging circuit for phones or media players
- Volume, bass, treble, balance, fader and subwoofer-level controls
- Configurable input naming
- Compact, two-piece design with versatile mounting options

# KAPPA®

## KAPPA® AMPLIFIERS

Infinity® Kappa® Series car loudspeakers have long delivered sound quality that rivals the best home audio systems. Now Infinity engineers complete your system 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.

# KAPPA FIVE



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

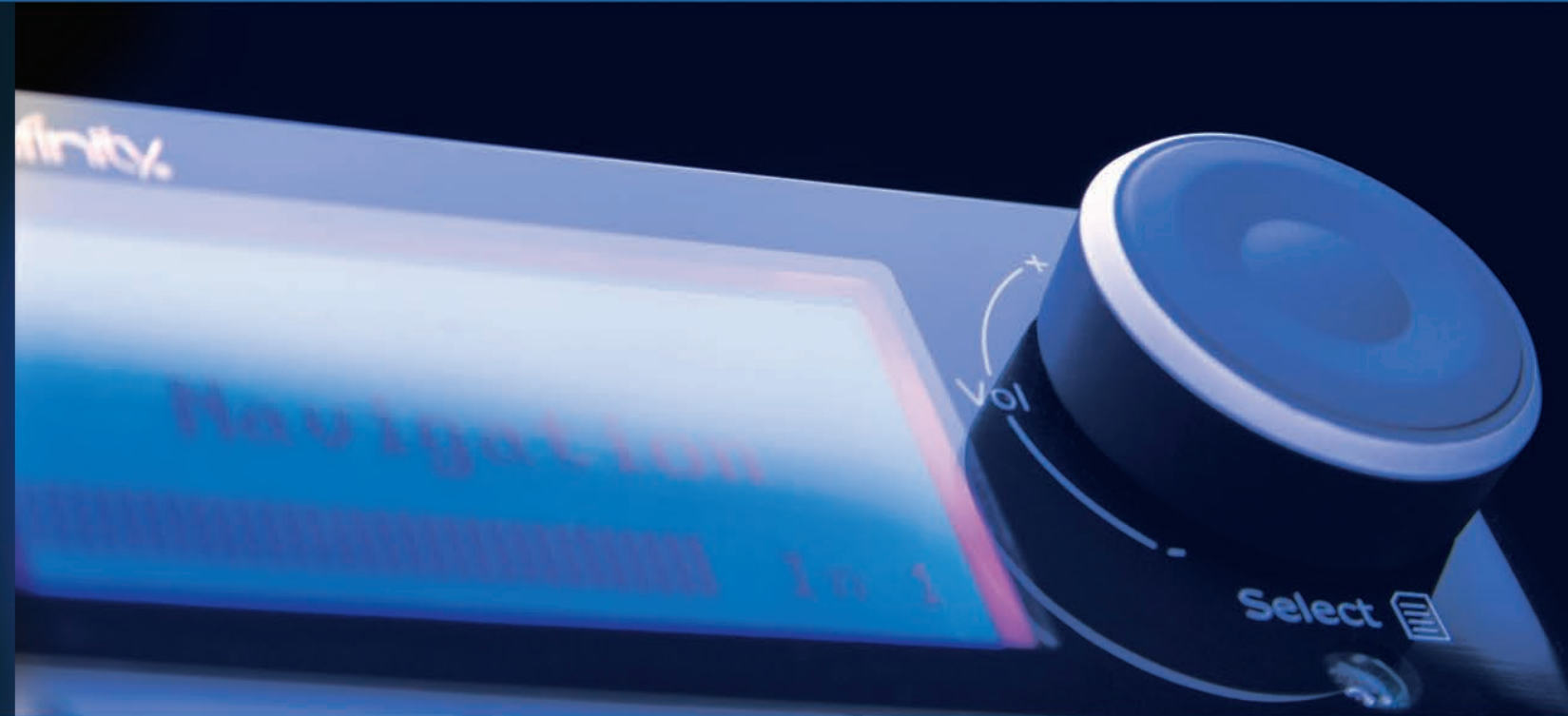
- Unified system amplifier solution
- Easy-to-install, compact design
- Independently variable electronic crossover
- DBO – variable bass EQ, plus subsonic filter
- Selectable subwoofer input
- 50W RMS x 4, plus 200W RMS x 1, at 4 ohms  $\leq 1\%$  THD + N\*
- 75W RMS x 4, plus 300W RMS x 1, at 2 ohms  $\leq 1\%$  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

# 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®

## 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.

## 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.



## INFINITY INPUT MANAGEMENT SYSTEM (IMS)

IMS was developed to eliminate clutter and provide one easy interface for the integration of all your favorite devices. Bluetooth® phones, GPS systems, MP3 players or virtually any device with audio can use IMS as the central connection and control hub for your car audio system. IMS provides seven switchable inputs, and even has auto priority mapping to ensure that you don't miss an important call or a prompt from your GPS device. IMS can be used in virtually any car audio system and, when used in conjunction with Infinity IMS-input-equipped Kappa amps, installation is a breeze. Its brightly lit, easy-to-read display and controls are your perfect companions when you're behind the wheel.



**KAPPA ONE**  
SUBWOOFER AMPLIFIER



**KAPPA FOUR**  
4-CHANNEL POWER AMPLIFIER



**KAPPA FIVE**  
5-CHANNEL TOTAL-SYSTEM  
POWER AMPLIFIER

