

KS AMPLIFIERS V3

**PERFORMANCE
& QUALITY DRIVEN**

**Class G/H Performance
Audiophile Quality
Proven Design**

MSRP \$549-\$829



KS3004V3

KS600.2V3

KS3004V3

When people talk to us about the KAR Series line of amplifiers the first few words we always hear are "Solid", "Proven", and "Quality". These very reasons define why we took the steps necessary to give a fresh start to a classically proven line that has helped drive ARC Audio as a go to line for car audio enthusiasts and music lovers worldwide.

In the huge world of Class-D amplifiers many people forget about the efficiency and sonic benefits of Class-G/H amplifiers. However, those sub compact Class-D amplifiers may be cute to look at but there are other things to consider. If your amplifier doesn't sound any better than the stock radio what are you really gaining? The KS series amplifiers are a totally "out of the box" rethink of what an amplifier can be.



By taking a proven but underutilized Pro Audio amplifier class and bringing it up to date with modern components we can achieve uncompromising sound quality in a compact chassis that makes installation in even the most challenging cars and trucks a breeze.

Class G and Class G/H amplifiers offer the best of all possible characteristics. Power output, distortion, efficiency, heat, noise, size are all class leading specs with this design. But why does this class of amplifier perform so well? It's built for music, not test tones or noise. When an amplifier is playing music, even at full volume, due to its dynamic nature, it is only working above 1/2 power about 10% of the time. You only need full power during the very loud passages like the impact of a drum or the pluck of a bass string.



A single piece cast aluminum ARC Audio honeycomb pattered KAR Series V3 badge is the new symbol of quality on all V3 Series amps

The rest of the time your amplifier is making less than 1/2 the power it is designed to make. That's where the KS amp's Class G/H design comes into play. It's like having 2 amps in one. A equal power design Class G/H amp is much smaller and produces a lot less heat. Then, in a fraction of a second, your amp becomes an acoustical monster that is ready for any musical challenge. The trick to making this work is in striking a balance between switching the high-power section on and off. It takes the years of experience and Nikola Engineering has to achieve this delicate balance.

The V3 difference? Simply, MORE POWER and an update look! We took one of our most popular designs and gave it a boost over its V2 predecessor. We're giving you more power per

channel while keeping the performance, reliability and sonic expectations that users have come to expect from ARC Audio. The new KSV3 lineup comes in two different 2-Channel power configurations and one 4-Channel configuration ranging from 90 Watts a channel to 600 Watts a channel offering you the power needed for most any sound quality or high-performance automotive or marine application.

The KSV3 Series is truly that SQ packed powerhouse that you have been asking for giving you the tools to create that live in car concert without breaking the bank with ultra-high end audiophile amplifiers. Contact your local ARC Audio retailer for ordering information.



ADDITIONAL FEATURES

- Microprocessor Controlled Design
- Non-Digital Class G/H Switching Design
- Code Base Diagnostics On All Models
- Designed by Robert Zeff
- Single-Ended RCA Inputs
- Optically Isolated Mosfet Power Supply
- Internal Cooling Fan
- Built In Protection Circuit



Specifications

	KS300.2V3	KS3004V3	KS600.2V3
4-Channels @ 4 Ohms-	N/A	120 Watts	N/A
4-Channels @ 2-Ohms-	N/A	190 Watts	N/A
2-Channels @ 4 Ohms-	220Watts	380 Watts	400 Watts
2-Channels @ 2-Ohms-	360 Watts	(Not Recommended)	600 Watts
1-Channel @ 4 ohms (Bridged)-	720 Watts	N/A	1200 Watts
1-Channel @ 2-ohms (Bridged)-	(Not Recommended)	N/A	(Not Recommended)
Frequency Response-	5Hz - 50kHz	5Hz - 50kHz	5Hz - 50kHz
Crossover Range-	55Hz - 5500Hz	55Hz - 5500Hz	55Hz - 5500Hz
Bass Boost-	+18dB @ 45Hz	+18dB @ 45Hz	+15 dB @ 45Hz
S/N Ratio (CEA 2006 @ 1W)-	91.7dB	95.2dB	95.1dB
S/N Ratio (Full Power)-	114.9dB	115dB	112dB
Input Sensitivity-	.220mV - 3.5V	.220mV - 3.5V	.220mV - 3.5V
Fusing-	3 x 30 Amps	3 x 30 Amps	4 x 30 Amps
Dimensions-	11.25"(L) 8.0"(W) 2.375"(H)	11.25"(L) 8.0"(W) 2.375"(H)	15.5"(L) 8.0"(W) 2.375"(H)

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