

KS-AR7000 Series



Amplifiers

KS-AR7501D
Digital Mono Power Amplifier

KS-AR7004
Bridgeable 4-Channel Power Amplifier

KS-AR7002
Bridgeable 2-Channel Power Amplifier

KS-AR7001
Mono Power Amplifier

- High Power
- Class-D
(AR7501D)
- 1000W RMS
x 1 @ 1Ω
(AR7501D)
- Tri-Mode
(AR7002/AR7004)
- Various
Installations
- Gold-Plated
Block Terminal
(4AWG Compatible)
- Large Rotary
Controls

Key Benefits

Amplifiers for powerful and high-grade performance! You can easily connect 4AWG cables to the amplifiers for high-current power transfer. The amplifiers can be stacked in a cool style, with easy access to the control keys.

Various Styles of Installation

The amplifiers offer flexible installation options. The logo plates are also removable for vertical or horizontal placement.



Large Rotary Controls

You can easily operate on the large volume controls.



Gold-Plated Terminals

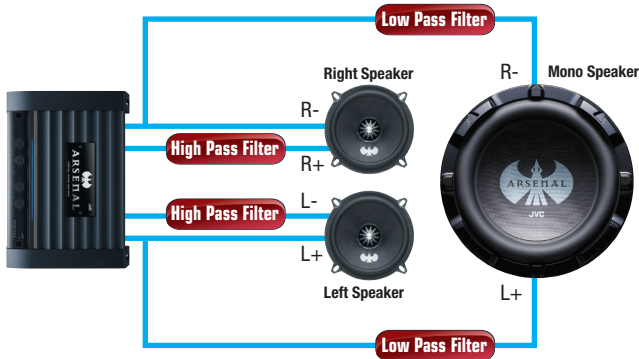
- The terminals are all on one side for easy wiring and neat looks.
- The units are designed for a full-scale system setup, featuring 4AWG cable-compatible gold-plated block terminals for high-current power transfer.



KS-AR7000 Series

Tri-Mode Connection Example

You can set up a full-scale system by Tri-mode connection with a subwoofer.



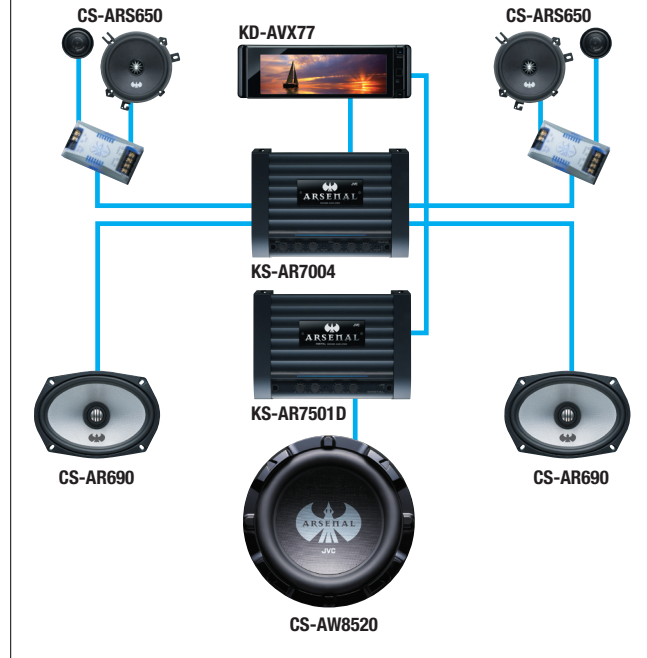
* Available with KS-AR7002/AR7004

AR7000 Series Features

The AR7000 Series are recommended for users planning a full-scale car audio system. At the core of these amplifiers are Pulse-Width Modulation Regulated MOS-FET Power supplies, which deliver a more consistent power supply and ensure that maximum power output and clarity are achieved, even if the input power is unstable. Arsenal Mono amplifiers also feature Low-Pass and Subsonic filters, as well as a Variable Bass Boost for more specific low-end response and control. The 2-ch and 4-ch amplifiers also feature both variable Low and High-Pass filters for even greater system flexibility.

The AR7501D is a class-D amplifier model in the AR7000 Series, featuring a high power of 1000W RMS x 1@1 Ω , and a massive power supply for handling high currents.

Recommended System



Optional Bass Boost Remote Control (KS-AR7001/AR7501D Only)



RM-RK130

Key Specifications

	KS-AR7501D	KS-AR7004	KS-AR7002	KS-AR7001
Topic Features				
Operation Channel	Mono	4, 3, or 2	2 or 1	Mono
Max. Power Output	1200W (@ 1 Ω)	800W (@ 4 Ω Bridged)	800W (@ 4 Ω Bridged)	600W (@ 2 Ω)
RMS Power Output	@ 4 Ω 400W RMS x 1	100W RMS x 4	150W RMS x 2	250W RMS x 1
CEA-2006 compliant	@ 2 Ω 700W RMS x 1	120W RMS x 2	200W RMS x 2	400W RMS x 1
	@ 1 Ω 1000W RMS x 1			
	@ 4 Ω Bridged	200W RMS x 2	300W RMS x 1	
Circuit Class	Class-D	Class-AB	Class-AB	Class-AB
Frequency Response (0, -3dB)	20 - 300Hz	5 - 50,000Hz	5 - 50,000Hz	20 - 300Hz
THD (Total Harmonic Distortion)	< 0.01% @ 1kHz	< 0.04% @ 1kHz	< 0.04% @ 1kHz	< 0.01% @ 1kHz
Line Input: Level/Impedance	1V/20 k Ω (0.3 - 6V variable)	1V/20 k Ω (0.3 - 6V variable)	1V/20 k Ω (0.3 - 6V variable)	1V/20 k Ω (0.3 - 6V variable)
Crossover				
HPF		30 - 500Hz, -18dB/oct	30 - 500Hz, -18dB/oct	
LPF	50 - 300Hz, -18dB/oct	30 - 500Hz, -18dB/oct	30 - 500Hz, -18dB/oct	50 - 300Hz, -18dB/oct
Subsonic Filter	20 - 50Hz, -18dB/oct	20Hz	20Hz	20 - 50Hz, -18dB/oct
Other Controls				
Phase Control (0°/180°)	✓			✓
Variable Bass Boost Control	45Hz, 0-18dB	45Hz, 0-18dB	45Hz, 0-18dB	45Hz, 0-18dB
Generals				
Anti-Pop Circuit	✓	✓	✓	✓
Dimensions (W x H x D)	15 3/4" x 2 3/8" x 11 7/16" (400 x 60 x 288 mm)	15 3/4" x 2 3/8" x 11 7/16" (400 x 60 x 288 mm)	15 3/4" x 2 3/8" x 11 7/16" (400 x 60 x 288 mm)	15 3/4" x 2 3/8" x 11 7/16" (400 x 60 x 288 mm)
Tri-Mode Operation		✓	✓	

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