

# R-A90S

R-Series 6/5/4/3 Channel Power Amplifier



## PRODUCT OVERVIEW

Experience your music in Hi-Res with the versatile R-A90S 6-Channel Amplifier for hair-raising details that puts you in the center of the performance. Utilizing custom Alpine internal components, this powerhouse amp is able to achieve remarkable levels of staggered output with precision accuracy and dynamics.

## PRODUCT FEATURES

**A 6-Channel Amp with 5-Channel Power** – With double the power on the last two channels, the R-A90S's 5th and 6th channels can be bridged to provide up to 500 watts at 4ohms to a subwoofer system such as a pair of S-SB12V's.

**An Amp That Grows with You** – When you're ready to upgrade your Alpine system, use the R-A90S to amplify a 3-way active system with enough mid-bass power to create the up-front bass impact you crave.

**Accurate Sound Reproduction** – With incredibly low phase shift and hi-resolution frequency response, the R-A90S can reproduce sound with incredible accuracy that stays true to the artist's intention.



## POPULAR SYSTEMS

### 5-CH

S-SB12V + KTX-H12 + S-SB12V



### 6-CH (3-Way Active)

R-A90S

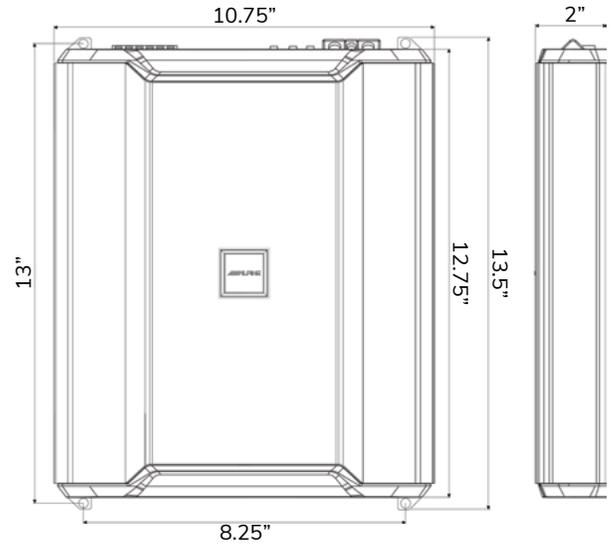
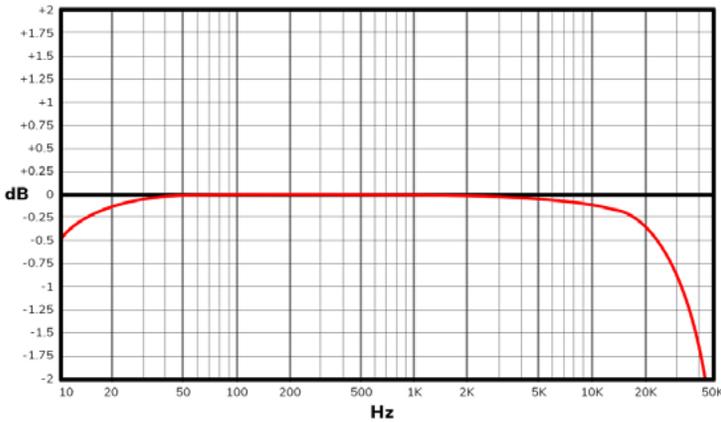


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## FREQUENCY RESPONSE (Ch 1-6)



## PERFORMANCE SPECS

		CH-1/2/3/4	CH-5/6
<b>Power Output</b>	Per Channel, Ref.: 4Ω, 14.4V	75W RMS x 4	150W RMS x 2
	Per Channel, Ref.: 2Ω, 14.4V	100W RMS x 4	250W RMS x 2
	Bridged, Ref.: 4Ω, 14.4V	200W RMS x 2	500W RMS x 1
<b>THD+N</b>	Ref.: 10W into 4Ω	≤0.03%	≤0.03%
	Ref.: 10W into 2Ω	≤0.05%	≤0.05%
	Ref.: Rated Power into 4Ω	≤0.3%	≤0.3%
	Ref.: Rated Power into 2Ω	≤1.0%	≤1.0%
<b>S/N Ratio</b>	IHF A-wtd + AES-17 Ref.: 1W into 4Ω	>85dB	>85dB
	IHF A-wtd + AES-17 Ref.: Rated Power into 4Ω	>103dB	>106dB
<b>Frequency Response</b>	+0/-3dB, Ref.: 1W into 4Ω	10Hz - 45kHz	10Hz - 45kHz
	+0/-1dB, Ref.: 1W into 4Ω	20Hz - 20kHz	20Hz - 20kHz
<b>Damping Factor</b>	Ref.: 10W into 4Ω at 100Hz	>500	>500
<b>Crossover</b>	Variable HPF/HPF-H/LPF	CH-1/2 HPF: 50Hz - 400Hz HPF-H: 400Hz - 6kHz	LPF: 50Hz - 400Hz
	Variable HPF/BPF	CH-3/4 HPF: 50Hz - 400Hz BPF-L: 50Hz - 400Hz BPF-H: 400Hz - 6kHz	-