

- **Kicker 200X.4**
 - Bridge Sub woofer, Parallel 6X9

PERFORMANCE

MODEL	KX200.4
RMS Power in Watts, All Channels Driven	
@ 14.4V, 4Ω Stereo, ≤ 1% THD+N	4 x 35
@ 2Ω Stereo, ≤ 1% THD+N	4 x 50
@ 4Ω Mono, ≤ 1% THD+N	2 x 100
@ 12.0V, 4Ω Stereo, 0.085% THD+N	
@ 7Ω Stereo, 0.5% THD+N	4 x 41
@ 4Ω Mono, 0.5% THD+N	2 x 80
Length with EndCaps:	11.84" (30.0/cm)

Specifications of KX200.4

Height: 2.5 inches / 6.35 centimeters
 Width: 10.125 inches / 25.7 centimeters
 Frequency Response: 20Hz - 20KHz, +/- 0.5dB
 Input Sensitivity: 170mV - 5V low level, 340mV - 10V high level
 Signal-to-Noise Ratio: >95dB, a-weighted, re: rated power
 Electronic Crossover: High Pass, Low Pass or Bypass, Fixed @ 80Hz, 120Hz/ octave
 KickBass Boost: Variable 0 to +12dB boost @ 40Hz

Model KX200.4
 35 x 4 @ 4 ohms, 14.4Vdc, 1% THD, CEA 2006 (RMS), Signal to Noise Ratio >95 CEA 2006 (ref: 1W, A weighted)

System Diagram

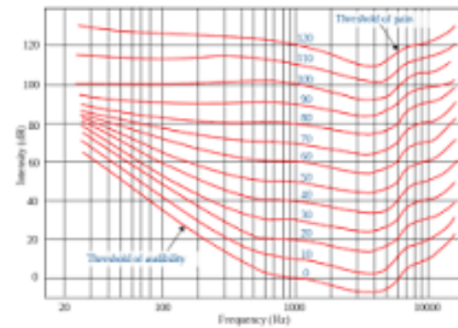
The following diagrams show the most common configurations for your system.

Stereo Four Channel Operation
 KX.4 amplifiers are capable of operating into a minimum impedance of 2 ohms per channel in stereo operation.

Stereo And Bridged
 KX.4 amplifiers are capable of operating into a minimum impedance of 2 ohms stereo and 4 ohms bridged operation.

BRIDGED OPERATION (MONO)
 KX.4 amplifiers are capable of operating into a minimum impedance of 4 ohms in bridged operation.

- **Sound Power In Decibels**
 - Threshold of humane pain – 120 dB



- **Sound Power To Amplifier Power**
 - 110 dB ~200 Watts
- **Therefore....**
 - Require ~ 200 watt Sub Woffler

- **Battery Power**
 - Assume average power ~ 100 Watts
 - Battery Specs
 - 12V (Volts)
 - 17 amp Hours
 - $V \times I \text{ amp Hours} = \sim 200 \text{ Watt Hours}$
 - Therefore 200 Watt Hrs / 100 Watts
 - Battery should play for 2 Hours...

