

## KAR SERIES MINI AMPLIFIERS



The KS125.2 BX2 MINI is capable of being installed in HD fairings and is designed to work with factory HD electrical systems - allowing the audio system to be upgraded without exceeding the electrical capacity of the motorcycle!

- Designed and engineered in the USA by Robert Zeff
- Compact Class H non-digital circuit design is ideal for the dynamics of music
- Compact chassis design is ideal for motorcycles
- Custom hand wound output inductors
- Hi-Level speaker inputs for OEM integration
- Keep your factory HD radio and handlebar controls
- Optically isolated Mosfet power supply
- Stable to 2 ohms stereo, 4 ohms mono
- 4 way protection circuitry
- BX2 low frequency and bass enhancement circuitry (KS125.2BX2MINI only)
- High efficiency fan for additional cooling
- Auto sense turn on

### KS125.2 BX2 MINI

2 x 70w @ 4Ω  
2 x 125w @ 2Ω  
1 x 250w @ 4Ω Bridged  
S/N Ratio: 101dB  
Frequency Resp: 20Hz-20kHz  
Input Sensitivity: 170mv-3.5v  
Crossover: 12db 5Hz-550Hz  
8.25" x 4.8" x 1.7"

### KS125.4 MINI

4 x 70w @ 4Ω  
4 x 125w @ 2Ω  
2 x 250w @ 4Ω Bridged  
S/N Ratio: 109dB  
Frequency Resp: 20Hz-20kHz  
Input Sensitivity: 220mv-3.5v  
Crossover: 40Hz-500Hz  
11.625" x 5.125" x 1.75"  
Max Current Draw: 51 A  
Idle Current Draw: 1.14 A

### KS500.1 MINI

1 x 300w @ 4Ω  
1 x 500w @ 2Ω  
N/A Bridged  
S/N Ratio: 102dB  
Frequency Resp: 4Hz-50kHz  
Input Sensitivity: 220mv-3.5v  
Crossover: 30Hz-250Hz  
11.625" x 5.125" x 1.75"  
Max Current Draw: 52 A  
Idle Current Draw: 1.14 A

## AMP WIRING HARNESS KIT



### HD WIRE KIT

- New updated design for 2012
- Designed by factory trained HD technicians to work with all factory stereo equipped Harley Davidsons
- Includes everything needed to hook up the KS125.2BX2 MINI to a factory fairing
- Full Plug & Play design with 12 AWG wiring
- Includes integrated input pre-loading devices

## SPEAKER ADAPTER KITS



### HD 6.5 ADAPTERS

- Replaces factory speaker spacers on fairing based HD motorcycles
- Converts 5-1/4" location to 6-1/2" speakers without modifications or customization
- Smooth contoured funnel reduction shaping reduces potential frequency cancellation
- Increased midbass response and overall output



### HD 5.25 ADAPTER CH

- Converts your lower HD fairing glove box housing into a sealed speaker enclosure
- For use with 5-1/4" speakers only
- CNC machined from lightweight aircraft aluminum
- Chrome plated mirror finish
- Includes all necessary plate & speaker hardware

## MOTORCYCLE PERFORMANCE AUDIO KIT



- Upgraded amplifiers, speakers, and wiring kits (as shown above) all in one plug in / bolt in package!
- Designed and tested by factory trained technicians at Mitchells Modesto Harley Davidson
- Designed to bolt into your factory fairing locations

- No loss of space in the side bags or touring pack
- Speakers bolt directly to the factory locations
- Includes full step-by-step color instruction manual
- Retains factory handlebar stereo controls
- Retains Harley Davidson's electrical warranty

### MPAK1

Includes -  
(1) KS125.2BX2 MINI amplifier  
(1) XDi502 5-1/4" coaxials  
(1) HDWIREKIT plug in harness  
(1) Step by step install manual

### MPAK4

Includes -  
(1) KS125.2BX2 MINI amplifier  
(1) XDi602 6-1/2" coaxials  
(1) HD6.5ADAPTERS adapters  
(1) HDWIREKIT plug in harness  
(1) Step by step install manual

### MPAK6

Includes -  
(1) KS125.2BX2 MINI amplifier  
(1) MOTO602 6-1/2" coaxials  
(1) HD6.5ADAPTERS adapters  
(1) HDWIREKIT plug in harness  
(1) Step by step install manual

## ARC SUBWOOFERS

- Designed, engineered and manufactured in the USA for small to moderate sized sealed & ported boxes
- One piece molded rubber surround
- Stamped steel basket
- Progressive rate layered spider w/integrated leads
- High temperature black anodized voicecoil

**ARC8D2** 8" Dual 2Ω Subwoofer • 300w Peak • 4.75" Depth • Optimum: .35 cuft sealed

**ARC8D4** 8" Dual 4Ω Subwoofer • 300w Peak • 4.75" Depth • Optimum: .35 cuft sealed

**ARC10D2** 10" Dual 2Ω Subwoofer • 500w Peak • 5.5" Depth • Optimum: .65 cuft sealed

**ARC10D4** 10" Dual 4Ω Subwoofer • 500w Peak • 5.5" Depth • Optimum: .65 cuft sealed

**ARC12D2** 12" Dual 2Ω Subwoofer • 700w Peak • 6" Depth • Optimum: .9 cuft sealed

**ARC12D4** 12" Dual 4Ω Subwoofer • 700w Peak • 6" Depth • Optimum: .9 cuft sealed

**ARC15D2** 15" Dual 2Ω Subwoofer • 1500w Peak • 8" Depth • Optimum: 2.25 cuft sealed

**ARC15D4** 15" Dual 4Ω Subwoofer • 1500w Peak • 8" Depth • Optimum: 2.25 cuft sealed



ARC Series subwoofers are designed, engineered and manufactured in the USA and are optimally designed for small to moderate sized sealed and ported enclosures.

## KAR SERIES AMPLIFIERS

- Designed and engineered in the USA by Robert Zeff
- Class H switching design
- Dedicated hand wound output inductors
- Hi-Level speaker inputs for OEM integration
- Optically isolated Mosfet power supply
- All models have Bass Boost & Crossover controls
- 4 way protection circuitry
- Internal high-flow forced induction cooling fan

<b>KS2500.1</b>	1 x 750w @ 4Ω	1 x 1400w @ 2Ω	1 x 2500 @ 1Ω	21-1/2" x 8" x 2-3/8"
<b>KS1200.1</b>	1 x 850w @ 4Ω	1 x 1200w @ 2Ω	1 x 1000 @ 1Ω	15-1/2" x 8" x 2-3/8"
<b>KS600.2</b>	2 x 400w @ 4Ω	2 x 600w @ 2Ω	1 x 1200 @ 4Ω	15-1/2" x 8" x 2-3/8"
<b>KS300.2</b>	2 x 180w @ 4Ω	2 x 350w @ 2Ω	1 x 700 @ 4Ω	11-1/4" x 8" x 2-3/8"
<b>KS300.4</b>	4 x 90w @ 4Ω	4 x 175w @ 2Ω	2 x 350 @ 4Ω	11-1/4" x 8" x 2-3/8"
<b>KS900.6</b>	4 x 60w + 2 x 155w @ 4Ω	4 x 60w + 1 x 550w @ 4Ω		19-1/2" x 8" x 2-3/8"



The KS Series of amplifiers are the perfect solution for the ultimate listening experience. Taking the reigns of one of the best sounding and highest performance values available, the KS Series is sure to suffice the most demanding music connoisseurs.

## XDi SERIES AMPLIFIERS

- Designed and engineered in-house by ARC Audio
- Phillips Technology chip based hybrid Class D full range design produces minimal heat
- Ultra low ESR power supply storage bank
- High frequency power supply design
- All models include Remote Bass Control, Bass Boost & Crossover controls
- 5 way protection circuitry

<b>XDi2000.1</b>	1 x 675w @ 4Ω	1 x 1250w @ 2Ω	1 x 2000 @ 1Ω	16-3/4" x 6-1/2" x 2-1/4"
<b>XDi1000.1</b>	1 x 400w @ 4Ω	1 x 700w @ 2Ω	1 x 1150 @ 1Ω	11-1/4" x 6-1/2" x 2-1/4"
<b>XDi600.1</b>	1 x 250w @ 4Ω	1 x 400w @ 2Ω	1 x 600 @ 1Ω	9-3/4" x 6-1/2" x 2-1/4"
<b>XDi803</b>	2 x 80w + 1 x 240w @ 4Ω	2 x 120w + 1 x 400w @ 2Ω		9-3/4" x 6-1/2" x 2-1/4"
<b>XDi804</b>	4 x 80w @ 4Ω	4 x 120w @ 2Ω	2 x 240 @ 4Ω	8-1/8" x 6-1/2" x 2-1/4"
<b>XDi805</b>	4 x 80w + 1 x 120w @ 4Ω	4 x 120w + 1 x 400w @ 2Ω		11-1/4" x 6-1/2" x 2-1/4"



XDi Amplifiers feature the best sounding Class D chipset on the market today. This Hybrid design blends full range Class D chipsets with the best high power MOSFET subwoofer output. All this packed into a deceptively small aluminum chassis.

## XDi FULL RANGE SPEAKERS

- Designed and engineered in the USA
- Reinforced injected poly cone & Rubber surround
- Heavy duty stamped & vented aluminum basket
- Ultra low distortion linear suspension design
- High temperature Copper/Kapton voicecoil
- High end audiophile grade crossover components

<b>XDi1.0</b>	28mm Silk Dome Tweeters • 60w Peak
<b>XDi402</b>	4" Coaxials w/Silk Dome Tweeters • 60w Peak
<b>XDi502</b>	5-1/4" Coaxials w/Silk Dome Tweeters • 80w Peak
<b>XDi602</b>	6-1/2" Coaxials w/Silk Dome Tweeters • 120w Peak
<b>XDi462</b>	4 x 6" Coaxials w/Silk Dome Tweeters • 60w Peak
<b>XDi572</b>	5 x 7" Coaxials w/Silk Dome Tweeters • 80w Peak
<b>XDi693</b>	6 x 9" Tri-Axials w/Silk Dome Tweeters • 150w Peak
<b>XDi6.2</b>	6-1/2" Component Set w/Silk Dome Tweeters • 240w Peak



## ARC FULL RANGE SPEAKERS

- Designed and engineered in the USA
- Roahcell/Glass Fiber cone & Butyl rubber surround
- Aluminum cast CNC basket
- Vented progressive rate Nomex spider
- High temperature Copper/Kapton voicecoil
- High output design that retains sound quality

<b>ARC1.0</b>	28mm Silk Dome Tweeters • 70w Peak
<b>ARC502</b>	5-1/4" Coaxials w/Silk Dome Tweeters • 90w Peak
<b>ARC602</b>	6-1/2" Coaxials w/Silk Dome Tweeters • 150w Peak
<b>ARC692</b>	6 x 9" Coaxials w/Silk Dome Tweeters • 160w Peak
<b>ARC5.2</b>	5-1/4" Component Set w/Silk Dome Tweeters • 180w Peak
<b>ARC6.2</b>	6-1/2" Component Set w/Silk Dome Tweeters • 250w Peak

