

MOTORCYCLE

# ARC AUDIO

THE BRAND PROFESSIONALS USE

2018 MOTORCYCLE AUDIO PRODUCT CATALOG



KITS  
SPEAKERS  
AMPLIFIERS  
PROCESSORS  
INSTALLATION SOLUTIONS

1998 - 2018

**20** years  
OF CELEBRATING MUSIC

**MPAK PRODUCTS  
FOR 1999-2013  
HD MOTORCYCLES**



KS125.2 BX2 Mini



MOTO SERIES  
SPEAKERS



SPEAKER  
ADAPTER RINGS



WIRE HARNESS  
KITS

**M**otorcycle

# MPAK KITS

Are you looking for high-performance audio for your Harley-Davidson motorcycle that doesn't affect the storage space in your saddle bags? The ARC Audio MPAK (Motorcycle Performance Audio Kits) provide enthusiasts with a complete sound system upgrade that doesn't sacrifice a square inch of cargo space.

MPAK audio upgrade kits are designed to work with the space in your front fairing. All of the kits include OEM-grade connectors that make the system plug-and-play to keep your electrical system warranty intact. If you need to return the bike to stock, nobody will ever know the system was there.

Our MPAK 0, MPAK 4 and MPAK 6 kits include mounting adapters to locate the amazing KS125.2 BX2 Mini amplifier on top of the radio using existing faster locations. No drilling or modifications are required. With an MPAK on board, all the factory source unit functions and handlebar mounted audio controls continue to work while you enjoy crystal clear sound at amazing volume levels.



## Features

- Improved Low-Frequency Response
- Dramatically Increased Volume and Clarity
- Installs discretely inside the fairing
- No Loss of Space in your Saddlebags or Tour-Pak
- Retains all Factory Handlebar Stereo Controls and System Features
- Speakers Mount to Factory Locations with No Modifications
- Designed to Work with Factory Charging and Electrical System
- Plug-and-Play Wire Harnesses Prevent Warranty Issues
- Full Step-by-Step Color Instruction Manual for Easy Installation
- MPAK 4 and MPAK 6 Kits include 6.5" Speakers and Adapter Rings for Amazing Performance
- MPAK 4 and MPAK 6 Kits include HD High-Performance Flat Grilles for Unrestricted Speaker Output
- 1999 - 2013 HD Street Glide / 1999 - 2014 Road Glide Compatible MPAK Kits

## INCLUDED

## MPAK0\*

## MPAK4

## MPAK6

KS125.2 BX2 Mini-	X	X	X
HD PNP wire Kit-	X	X	X
2014 Harness Add-on-	X	-	-
6.5" Adapter Rings-	-	X	X
XDi 502 5.25" Coaxial -	-	-	-
XDi 5.2 5.25" Comp -	-	-	-
XDi 602 6.5" Coaxial -	-	X	-
XDi 6.2 6.5" Comp -	-	-	-
Moto 602 6.5" Coaxial -	-	-	X
Moto 6.2 6.5" Comp -	-	-	-
HD Flat Grilles-	-	X	X

\* - Compatible with 2014+ HD Street Glide

# MPAK KITS

Designed as the ultimate audio upgrade for 2014 and newer Harley-Davidson Baggers, the ARC Audio MOTO 600.4 equipped MPAK Kits offer extreme performance in a simple Plug-and-Play Design.

With the amplifier installed on top of the factory radio location and using ARC Audio's custom mounting brackets, high-current HD Power Kit and our speaker adapter kit, these MPAK Motorcycle Audio kits seamlessly integrate into your bike without the need to cut or splice any factory wiring. Your electrical system warranty remains completely intact. Our integrated solution retains all factory sound system features and remote handlebar controls so you can continue to operate your system intuitively and safely while enjoying crystal clear sound.



## Features

- 600+ Watts of power
- Full Plug and Play design
- Retains all Factory Handlebar Controls
- Includes 2014+ HD Harness Adapter Kit
- Installation Does Not Void Factory Warranty
- Designed for 2014 and newer Harley-Davidson Motorcycles
- Dramatically Increased Volume and Clarity
- Integrates Seamlessly With Factory Sound System
- Moto 600.4 Amplifier Kits Include Upgraded Power Delivery Kits
- Installs Inside The Fairing in the Stock Amp Location
- Plug-and-Play Amplifier Design Makes Access and Tuning Easy
- 2014+ HD Street Glide / 2015+ Road Glide Compatible MPAK Kits

## MPAK PRODUCTS FOR 2014+ HD MOTORCYCLES



MOTO 600.4



KS125.2 BX2 Mini



MOTO SERIES SPEAKERS



HD POWER



WIRE HARNESS KITS



2014+ SPEAKER ADAPTER HARNESS

FEATURES	MPAK8	MPAK10	MPAK11	MPAK12
KS125.2 BX2 Mini-Moto600.4 Amplifier-	X	-	-	-
HD PNP wire Kit-	X	X	X	X
2014 Harness Add-on-	X	X	X	X
HD Power (Upgrade Kit)	-	X	X	X
6.5" Adapter Rings-	-	-	-	-
XDI502 5.25" Coaxial -	-	-	-	-
XDI5.2 5.25" Comp -	-	-	-	-
XDI602 6.5" Coaxial -	-	-	-	-
XDI6.2 6.5" Comp -	-	-	-	-
Moto602 6.5" Coaxial -	X	-	X	X
Moto6.2 6.5" Comp -	-	-	-	-
HD Flat Grills-	-	-	-	-
RG15 (Road Glide Install Kit)	-	-	-	X

\* MPAK8 Kit is compatible with the 2015+ HD Roadglide and requires the RG-15 installation kit.

# MOTO/MINI

Today's Harley-Davidson motorcycles look and ride great, but leave music lovers wanting more system volume improved sound quality. Designed specifically for the motorcycle environment the Moto 600.4 and KS125.2 BX2 Mini provide up to 600 watts of power from ultra-compact chassis'. Their compact size allows you to retain all of your saddlebag space by fitting nicely in your stock HD motorcycle fairing.



"The MOTO 600.4 is a serious contender when it comes to every day use, power and compact size"

Gary Springgay,  
Technical Editor  
Performance Auto and  
Sound Magazine



MOTO600.4



AVAILABLE CONFIGURATIONS

1CH

2CH

3CH

4CH

5CH

6CH

### Features

- Speaker Level Inputs
- LED System Status and Diagnostics
- Fully Balanced Differential Input Stage
- Quick Disconnect Terminals
- Auto Detect Remote Turn-On for Easy Integration
- High Capacity Power Supply and Energy Storage
- Audiophile High-Speed Class-D Output Topology
- Ultra High-Frequency Power Supply
- Conformally Coated PCB and Electronics for Moisture Resistance
- Precision Filtering Prevents Radio Reception Interference
- Optimized for Operation with the Factory Charging System



KS125.2 BX2 Mini

### SPECIFICATIONS

	MOTO 600.4	KS125.2 Mini
4 Channels @ 4 ohms-	150 Watts	N/A
4 Channels @ 2 ohms-	150 Watts	N/A
2 Channels @ 4 ohms-	300 Watts	70 Watts
1 Channel @ 4 ohms-	N/A	250 Watts
1 Channel @ 2 ohms-	N/A	N/A
1 Channel @ 1 ohms-	N/A	N/A
Frequency Response-	20Hz - 20kHz	20Hz - 20kHz
Bass Boost-	Yes	No (Equipped ith BX2)
Remote Included-	Yes	No
Dimensions-	8.125"(L) 5.0"(W) 1.8"(H)	8.25"(L) 4.8"(W) 1.75" (H)

# INTEGRATION & TUNING

The compact and powerful ARC Audio PSM Digital Sound Processor provides the flexibility and control to tailor your sound system to your own personal style. Advanced features allow for integration and correction with some of today's more advanced OEM sound systems on your motorcycle or in your vehicle.

Using ARC Audio's Next Gen interface and microprocessor technology the PSM combines 42 bands of fully variable parametric equalization, open architecture crossover selection, signal delay and polarity control to deliver the highest level of integration and tuning power available - all at a fraction of the cost of competitors products.

If you have a 2014 or newer Harley-Davidson motorcycle, the PSM is your complete plug-and-play integration solution. Combine the features of your factory radio with the flexibility of the PSM and the power and control of the Moto 600.4 amplifier for a sound experience that is unrivalled at any price.



## Features

- Designed in the USA
- Water Resistant Design
- Advanced DSP Technology
- Programmable with Windows-Based Computers
- Harley-Davidson Factory Counter-Tunes Available
- Up to 8V of Output for Increased Dynamics
- Plug-and-Play Design for Hassle-Free Installation
- Intuitive User Interface for Easy System Configuration
- Compact Design Fits Inside Fairing, Even With Moto 600.4



**HD Factory Radio  
READY!!**

All PSM's come preprogrammed counter-tune for the 2017+ HD Streetglide and Roadglide factory radios. Looking for a different sound? No Problem! Simply hook up your Windows 8+ laptop and use the PSM software to custom tailor your sound to your own personal listening style.

## FEATURES / SPECS

## PSM

Operating Voltage-	9V - 16.2V (Start/Stop Compliant to 6V)
Input Sensitivity (Low Level)-	40mV - 4V RMS
Input Sensitivity (Speaker Level)-	120mV - 12V RMS
Channels Input (Analog)-	6 Channels
Outputs-	6 Channels
Output Voltage-	Up to 8 Volts
Frequency Response-	20Hz - 22kHz
Equalization Parametric-	42 Bands (7 Per ch. User defined Freq and "Q")
Equalization Resolution-	10 steps per 1db +15dB/-24dB
Signal Delay-	Up to 5ms per channel in (.02)
Crossovers-	Phase correct AP/HP/LP/BP all channels
Phase Control-	All Channels +/- 180 Degrees
Crossover Slopes-	12dB, 24dB 36dB 48dB, (All Channels)
Crossover Damping-	Butterworth (All Channels)
Remote Level Control-	Yes (Optional, LR1 Controller)
Real Time Adjustment-	Yes
HD Pre-Tunes Available-	Yes (On limited models and system configurations)
Plug & Play -	Yes, w/Moto 600.4 and HD Harness only



# MOTO SPEAKERS



2017  
HD Road Glide  
Install



2017  
HD Street Glide  
Install

Designed by ARC Audio's acoustical engineering division, Moto Series speakers use today's most advanced and durable materials and components to provide enthusiasts with a wallet-friendly solution that provides an unparalleled musical experience on their motorcycle.

Moto Series coaxial and component speaker systems provide exceptional performance and sound with increased output, powerful midbass and extended low-frequency output. Upper frequencies are enhanced to ensure the best sound possible, even at more than 65 MPH.



### Features

- Composite Metal Film Tweeter
- Low Shore Poly Butyl Surround
- High-Performance, High-Output Design
- Two-Way Integrated Coaxial Design
- Treated Progressive Nomex Spider
- Weather Resistant Tweeter Pole Seal
- Heavy-Duty Cast Aluminum Basket Design
- High-Temperature, Precision Wound Voice Coil
- UV and Corrosion Resistant Components
- Heavy-Duty, Treated Cast-Aluminum Basket
- Compatible with 2000 to 2015 Harley-Davidson Motorcycles

AVAILABLE CONFIGURATIONS

RAW

COAXIAL

2-WAY  
COMP

3-WAY  
COMP

OEM  
REPLACEMENT

6X9

SPECIFICATIONS	MOTO602	MOTO692	MOTO6.2
Speaker Type	Coaxial	Coaxial	Component System
MR Size	6.5"	6" x 9"	6.5"
Mid Max Power	160 Watts	180 Watts	240 Watts
Mid RMS Power	80 Watts	80 Watts	80 Watts
Mounting Depth	2 9/16"	3 1/2"	2 9/16"
Tweeter Size	28mm	28mm	28mm
Tw Max Power	100 Watts	100 Watts	100 Watts
Tw Min Power	50 Watts	50 Watts	50 Watts
Sensitivity	88dB	87dB	86dB
Freq Response	65Hz - 20kHz	50Hz - 20kHz	50Hz - 20 kHz
Impedance	4-ohms	4-ohms	4-ohms
Includes Grills	Yes	Yes	Yes



# WIRE HARNESSSES & ADAPTERS

## HD HARNESS

- Color-Coded Plug-and-Play Design
- Designed by Factory-Trained Harley-Davidson Technicians
- Designed to Work With Most 1999+ Saddlebag-equipped - Harley-Davidson Motorcycles
- Kit Include All Required Hardware
- Includes required preloads for all variations of bikes
- Factory-Grade Looming and Materials used in All Harnesses
- 2014+ Street Glide and 2015+ Road Glide Require 2014+ Adapter



## 2014+ HD ADAPTER HARNESS

- Designed to Interface Exclusively with the ARC Audio HD harness
- Allows Plug-and-Play Connection for 2014+ Harley-Davidson models
- Plug-and-Play Integration with Factory Speaker enclosures - No Wiring Modifications Required
- Includes Factory Terminal Connection Pigtail for Remote - Turn-On Without Tapping into the Accessory Harness



## HD POWER

- High-Current Amplifier Power Harness
- Pre-Terminated for Easy Installation
- 100% Pure Oxygen-Free Copper Wire
- Supplemental Harness to the HD Harness
- Required for Installation of the Moto 600.4
- Pre-Loomed in OEM-Grade Wire Loom
- Capable of Reliably Delivering More than 60 Amps Continuous
- Includes Molded High-Current Fuse Holder and Fuse



## HD-RSH

- Plug-and-Play Rear Speaker Interface Harness
- Compatible with all 2014+ HD Dresser Motorcycles with Rear Tour-Pak Speakers
- Plug-and-Play T-Harness Interface Behind Riders Seat
- MPAK 10, 11 and 12 Interface-Ready (With or Without PSM)
- Retains all Rear Rider Audio and Auxiliary Audio Controls
- OEM Watertight Molex Connectors Interface with Factory Connectors
- Ideal for use with Moto 600.4 or other Four-Channel Amplifiers



## RG-15

- Amplifier Install Plate for 2015+ Road Glide Motorcycles
- Heavy-Duty Corrosion Resistant All-Metal Design
- Includes all Amplifier Mounting Hardware
- Uses Stock Amplifier Mounting Location
- No Cutting or Modification Required for Installation
- Compatible with KS125.2 and MOTO 600.4 Amplifiers



## 6.5" ADAPTER RINGS



- Allows for use of 6.5" Speakers Without Modifications
- Made of High-Temp Glass Fiber Reinforced ABS
- Replaces Factory Speaker Spacers
- Slim Profile w/Improved Speaker Performance
- Increased Midbass Response and Overall Volume
- Compatible with 1999-2013 Street Glide and 1999-2014 Road Glide Motorcycles

## HD FLAT GRILLS



- Replaces Plastic Mesh Grilles on 1999-2013 HD Street Glide Models
- Open Mesh Design Reduces Sound Restriction for Improved Performance and Reduced Distortion
- Treated Metal Resists Corrosion and Fading
- Not Compatible with 2014 and Newer Harley-Davidson Motorcycles

**MOTORCYCLE  
AUDIO**

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AUDIO KITS

AMPLIFIERS

SPEAKERS

MOUNTING  
KITS

WIRING  
HARNESSES

SPEAKER  
ADAPTERS



4719 Green Leaf Circle  
Modesto, CA 95356

1998 - 2018

**20** *years*  
OF CELEBRATING MUSIC

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[WWW.ARCAUDIO.COM](http://WWW.ARCAUDIO.COM)