

4 Channel / 4 Speaker - *NO FADE* setup utilizing the Cicada DSP125.4D amplifier with 2 ohm Front and Rear CoAx Horn speakers to get maximum power out

- **6.5" Front speakers - CH65.2 - CoAx Horn**
- **6 X 9 inch Rear (bag) speakers - CH69.2 - CoAx Horn**

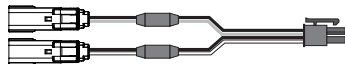
A very typical and simple setup using just the front speaker channels out of the stock HD radio into the amplifier. ***NO FADE!*** NOTE: On 2014 and up HD's you will need to "load" the HD radios speaker outputs with 47 ohm / 5 watt resistors for it to properly work. The DSP125.4D amplifier comes with Molex RCA input harness and bare wire output (on Molex's) The more ambitious installer or home DIY'er can research, locate and order all the appropriate wiring and connectors.

OR

Simply order our OPTIONAL HDPro4K Kit with your DSP125.4D amplifier / processor and be done with it! Your choice. We're EASY!!! Seriously!

HDPro4K BAGGER KIT - PARTS

FRONT INPUT WITH HD MOLEX[®]
Part# HDFiM WITH 47OHM RESISTOR



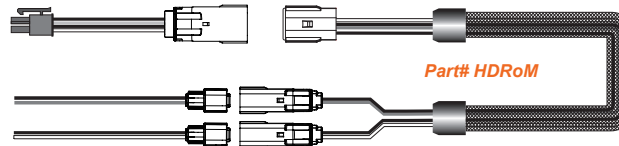
REAR INPUT WITH HD MOLEX[®]
Part# HDRiM WITH 47OHM RESISTOR



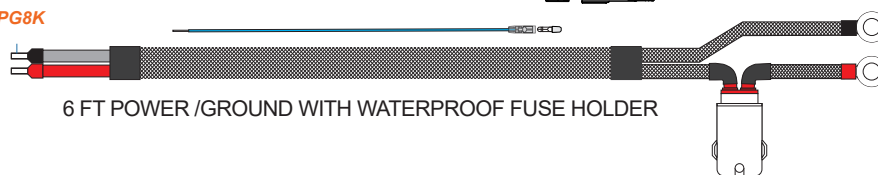
Part# HDFoM
FRONT SPEAKER OUTPUT
WITH HD MOLEX[®]



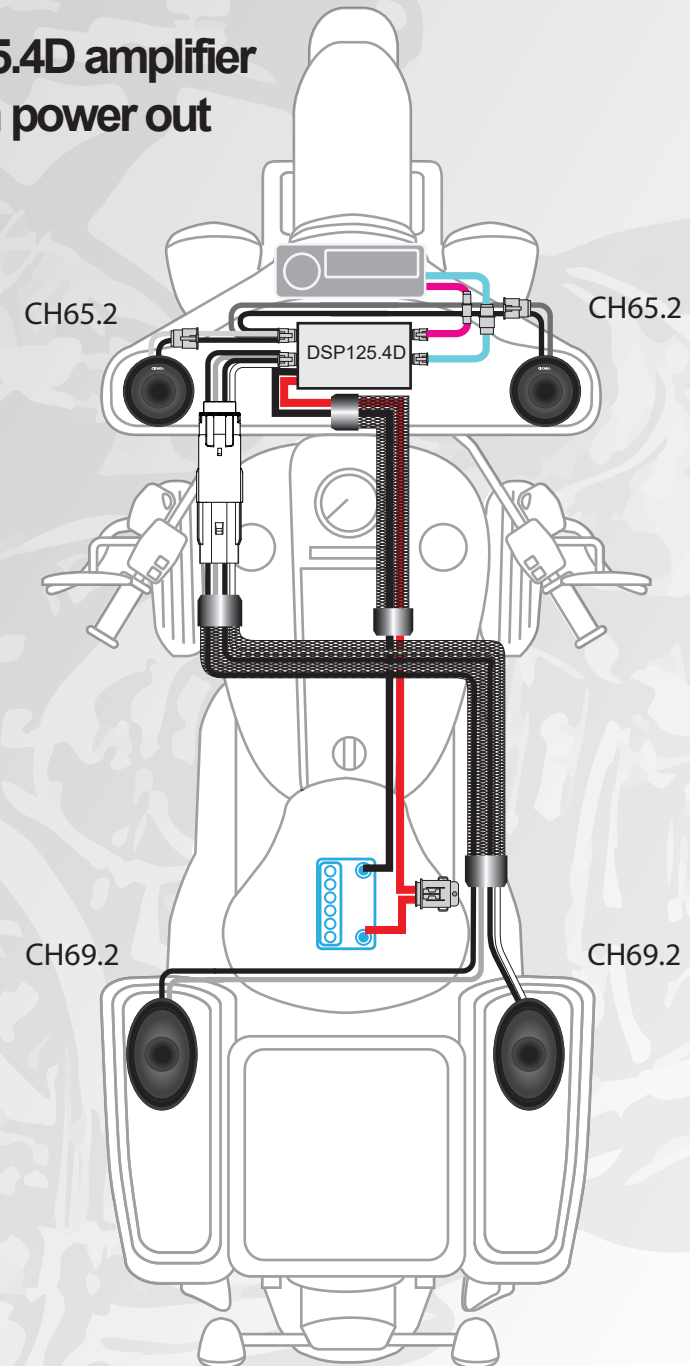
Part# HDRoM
REAR SPEAKER OUTPUT 6 FT
EXTENSION WITH MOLEX[®]



Part# HDPG8K



6 FT POWER /GROUND WITH WATERPROOF FUSE HOLDER

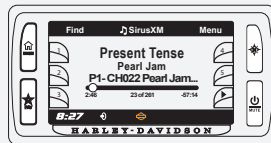




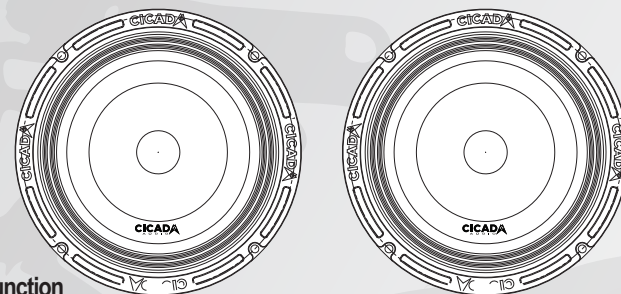
Part# HDFiM OPTIONAL:
FRONT INPUT WITH HD MOLEX
WITH 47 OHM RESISTOR

Stock HD radio and wiring used!
No need to cut anything

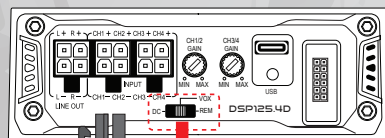
STOCK HD RADIO



CH65.2 - 2 ohm - 6.5" CoAx Horns



NOTE: This system has NO FADE capability! To do that (fade) you need to connect the rear speaker out of your stock HD radio. This typically means you need to "flash" your bike to get the rear channels to function



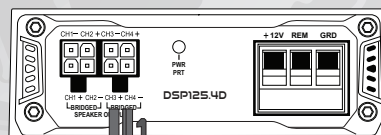
INPUT SIDE
DSP125.4D
AMPLIFIER

Stock HD speaker wiring Just
plug in to our harness
(HDPPro4 Harness Kit -
Optional)

Part# HDFoM OPTIONAL:
FRONT SPEAKER OUTPUT
WITH HD MOLEX



WITH NO SWITCHED 12V REMOTE OUT
USE "VOX" AS THE TURN ON SELECTION

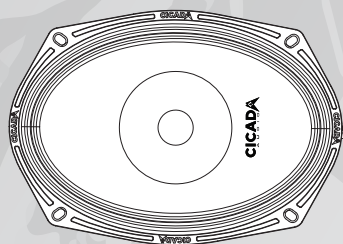
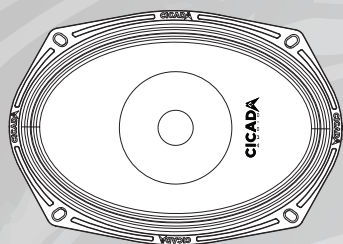


OUTPUT SIDE
DSP125.4D
AMPLIFIER

IN BAGS

Part# HDRoM

CH69.2 - 2 ohm - 6" x 9" CoAx Horns



Part# HDRoM OPTIONAL:
REAR SPEAKER OUTPUT 6 FT
EXTENSION WITH MOLEX



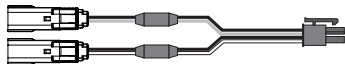
WHATS IN SYSTEM 1 ? EXACTLY

WIRING / HARNESS KIT

HDPPro4K BAGGER KIT - PARTS

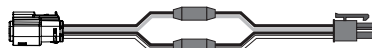
FRONT INPUT WITH HD MOLEX[®]
WITH 470HM RESISTOR

Part# HDFiM



REAR INPUT WITH HD MOLEX[®]
WITH 470HM RESISTOR

Part# HDRiM



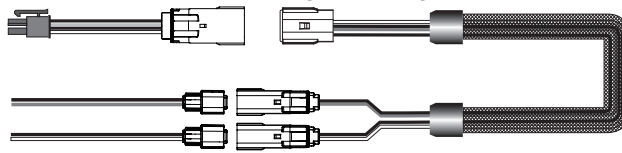
Part# HDFoM

FRONT SPEAKER OUTPUT
WITH HD MOLEX[®]



Part# HDRoM

REAR SPEAKER OUTPUT 6 FT
EXTENTION WITH MOLEX[®]



Part# HDPG8K

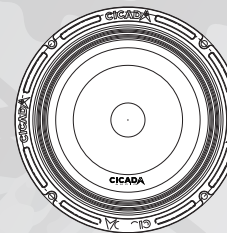
6 FT POWER /GROUND WITH WATERPROOF FUSE HOLDER

NOTE: FOR THIS DUAL AMPLIFIER SYSTEM YOU WILL
NEED AN EXTRA POWER KIT (HDPG8WFM)

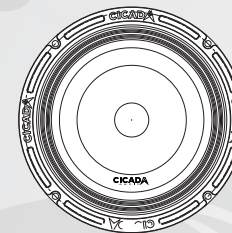
600 WRMS SYSTEM PARTS LIST / COST

CICADA [®] SYSTEM 1	RETAIL	QTY	SUB TOTAL
DSP125.4 - 4 Channel Amplifer W/ DSP	\$550	1	\$550
1 PAIR - CH65.2 2 ohm - 6.5" CoAx Horn	\$500	1	\$500
1 PAIR - CH69.2 2 ohm - 6 X 9" CoAx Horn	\$530	1	\$530
1 HDPPro4K Bagger 4 CH Harness Kit	\$200	1	\$200
* Labor Not Included			
*TOTAL \$1,780			

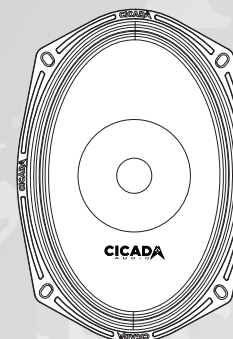
SPEAKERS IN FAIRING



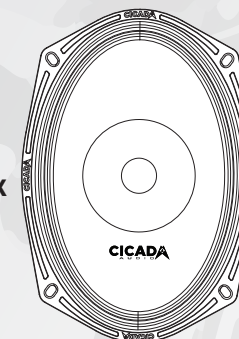
CH65.2
2 ohm -
6.5" CoAx
Horn



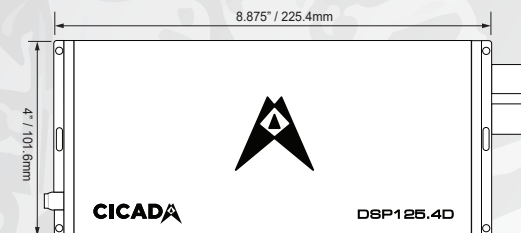
SPEAKERS IN BAGS



CH69.2
2 ohm -
6 X 9" CoAx
Horn

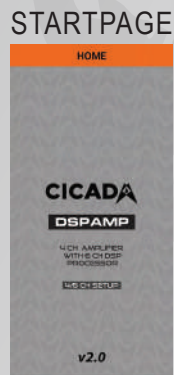


AMPLIFIERS IN FAIRING



IT'S ONLY 5 PAGES YOU HAVE TO DEAL WITH!! ...BUT THIS IS WHERE ALL THE MAGIC HAPPENS.
THIS IS THE MOST IMPORTANT PART OF THIS AMPLIFIER! EVERYTHING HAPPENS HERE!!

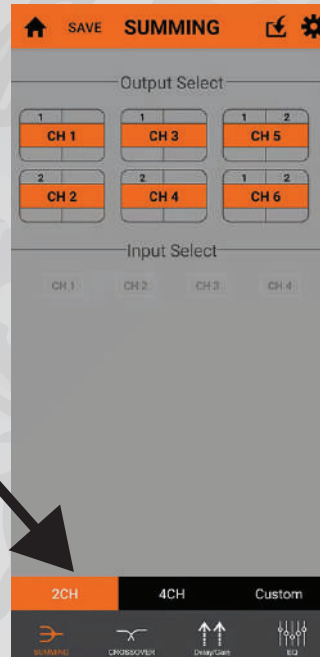
This is the start page and comes up only for a few seconds. The most important thing here is to know which version you have and make sure it is the most current version



First thing to do is select what INPUT you are doing? 2 channel? Or 4 channel?

Select that and move to "Delay/Gain" page

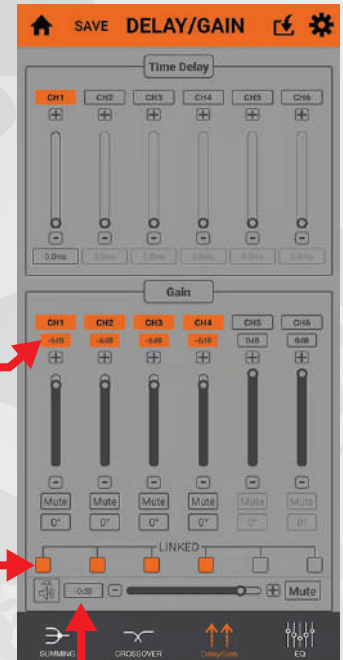
NOTE: Once you select 2 channel (for example) NOTICE how all channel "INPUTS" are paralled Makes life easy!!



Most important thing to do on this page is to "preset" the gains of each output channel - BEFORE you power up the system!!
NOTE: ALL channel gains are set at -6dB
This keeps you from blowing up your speakers!
YOU CAN CHANGE LATER!

IMPORTANT!

NOTE: Channels are linked" making it easier to set gains, ALL at one time! Cool,easy feature ..make sure to use it!!



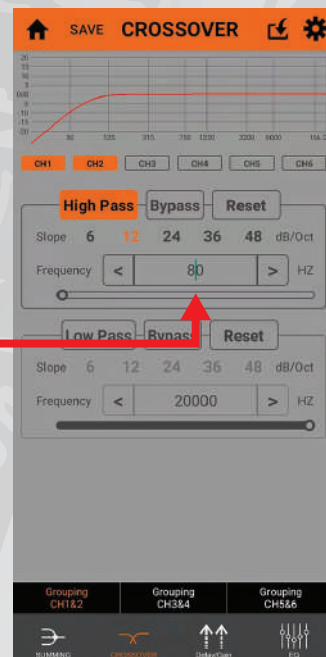
NOTE: MASTER GAIN IS @ -6dB

This is FRONT Speaker CROSSOVER page. Here you MUST high pass all "full range" speakers. Since, in reality, NO 6.5 inch speaker is TRULY "full range. At low levels? Yes(at LOW levels). At the levels YOU want to play at? NO WAY! To the right we are "High Pass"ing the 6.5" speakers.

Notice the frequency.

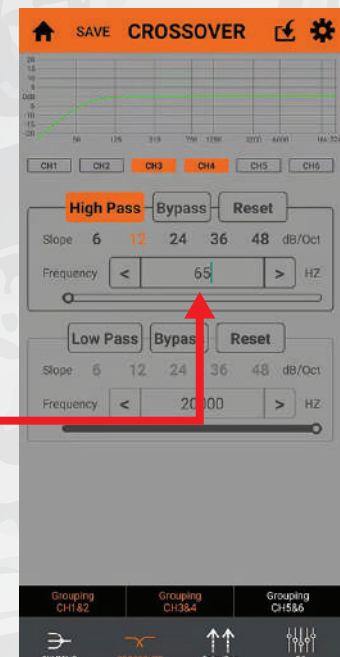
This is as LOW as you want to "High Pass" ANY "Pro Style" 6.5" speaker. No matter what JIVE BS they tell you! REMEMBER...there is Physics at play here..

No Fairies, Pixie Dust or Unicorns.



This is the CROSSOVER page. Here you MUST high pass all "full range" speakers. This is the rear "BAG" and a 6" X 9" Pro Style Speaker. Even though it is a 6"X 9" and MORE FULL range than a 6.5". You still will have issues with trying to get REAL low fre quencies out of your bike. And at the levels YOU want to play at? NO WAY!!! To the right we are "High Pass"ing The 6"X 9"speakers, Notice the frequency.

This is as LOW as you want to "High Pass" ANY "Pro Style" 6"X 9" speaker. No matter what JIVE BS they tell you! REMEMBER...there is Physics at play here..



This is a quick lesson about EQ initial setup and using the "PreSets" we've designed to solve "Flashing" issues

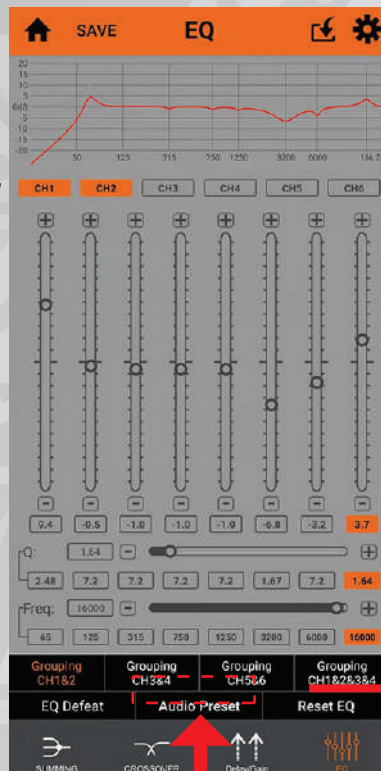
This is EQ (equalizer) page. On this page you can select which channel you are going to EQ. At the bottom of the page there are "Grouping" buttons. You can Group just CH1&2, OR Group CH3&4, OR CH5&6. Or even Group ALL channels CH1/CH2/CH3/CH4/CH5/CH6. Whatever you need to do to help you speed up setup/tuning. Lets start off with grouping CH1/2 (typically on a HD this is the Front Fairing speakers- usually 6.5 inch speakers) These are "Grouped" for initial the EQ settings (that change as you go on!) There is something important to take into consideration. Is your HD 2014-18 Flashed? Or not "Flashed"! This is a SUPER important piece of information. If you do not know what this means there is a page on our website that goes thru all of this as it is WAY beyond the scope of this System Design Set-Up sheet to go into depth on. For the rest of this setup we are going to ASSUME you understand what "Flashing" is and what it effects. With the DSP125.4D we have built-in "Presets" that overcome the crazy EQ that HD has built into their stock radios. IF you do NOT want to "Flash" your computer on your bike (typically an additional \$100-200!!) you don't need to! At least...not if you have a DSP125.4D amplifier / Processor.

Select a Preset and go from there.

NOTE: Remember that these presets are NOT the End All.. Cure All !!

You'll still need to EQ the system out. All these presets do is get you closer to flat BEFORE you add your pinch of salt (EQ lingo for your preference!)

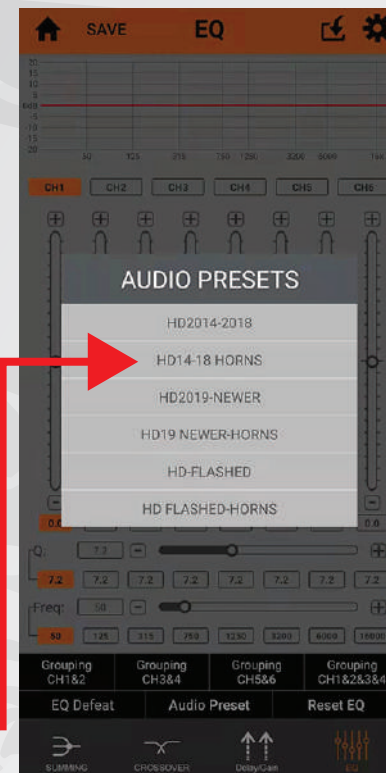
MAKE SURE TO SAVE THESE SETTINGS... BEFORE POWERING UP YOUR SYSTEM



Audio Preset Select

This page is where you select what year bike you have and what speaker system. It REALLY makes a difference as we not ONLY flatten the CRAZY HD radio EQ, but we have added a little EQ of our own (since we've done this for just a couple days - like...40 yrs!) We've picked the most common system (CoAX Horns) and have EQ'd (DE-EQ'd?) the stock HD "Boom" EQ curve OUT and added a little pinch of our own "Special" salt EQ (Himalayan??) ONLY select these Presets if you KNOW that your bike has not been "Flashed" already.

WARNING!!- NOT HAVING YOUR BIKE "FLASHED" OR USING ONE OF OUR PRESETS CAN RESULT IN YOU BLOWING UP YOUR BRAND NEW SPEAKERS!!!



TYPICAL EQ COMING OUT OF STOCK HD RADIOS

