

# Amplifier Installation Instructions for All HD Models

## ***Road Glide 2015-2020***

Amplifier mounts to bracket via 4-M4 machine screws.

Amplifier bracket mounts to factory main fairing bracket via 4-1/4-20 hex bolts in factory slots as indicated in the HD service manual.

To slide the amplifier in, you need to orient the amplifier so the point of the arrow (amp bracket is shaped like an arrow) faces towards the headlight with the amp towards the wheel, power block and output section towards the tank, and input section with adjustments towards the headlight.

Route power wires under tank and connect to battery, and ONLY the battery for both 12V+ & Ground.

Connect T-harness to appropriate input and output connections. Note that the clear color connectors go to the input side and black color connectors go to the output side. White/grey is front, and green/purple is rear, UNLESS otherwise noted as some models may deviate from this to accommodate special factory wiring in RARE scenarios.

If using a DSP, refer to that part of the directions.

## ***Street Glide/Ultra Models 2014-2020***

Amplifier mounts to bracket via supplied Velcro. Clean surface of all dust, debris, and any oils using alcohol and/or adhesion promotor. Most auto parts stores sell a Duplicolor CP199 Adhesion Promotor for about \$8 that works wonders.

Orient the amplifier so the Soundz font faces towards the headlight, power block and output section towards the right speaker, and input section with adjustments towards the left speaker pod.

Route power wires under tank and connect to battery, and ONLY the battery for both 12V+ & Ground.

Connect T-harness to appropriate input and output connections. Note that the clear color connectors go to the input side and black color connectors go to the output side. White/grey is front, and green/purple is rear, UNLESS otherwise noted as some models may deviate from this to accommodate special factory wiring in RARE scenarios.

If using a DSP, refer to that part of the directions.

## ***Road Glide/Ultra 1998-2013***

Amplifier mounts to left side of inner fairing via supplied Velcro.

Orient the amplifier so the power terminal block and output section face towards the tank, and the input section with adjustments are towards the headlight.

Route power wires under tank and connect to battery, and ONLY the battery for both 12V+ & Ground.

Connect T-harness to appropriate input and output connections. Note that the clear color connectors go to the input side and black color connectors go to the output side. White/grey is front, and green/purple is rear, UNLESS otherwise noted as some models may deviate from this to accommodate special factory wiring in RARE scenarios.

If using a DSP or CVO model refer to that part of the directions for further information.

### **Street Glide/Ultra 1998-2013**

Amplifier mounts above radio via supplied Velcro. Clean surface of all dust, debris, and any oils using alcohol and/or adhesion promotor. Most auto parts stores sell a Duplicolor CP199 Adhesion Promotor for about \$8 that works wonders.

Orient the amplifier so the Soundz font faces towards the headlight, power block and output section towards the right speaker, and input section with adjustments towards the left speaker pod.

Route power wires under tank and connect to battery, and ONLY the battery for both 12V+ & Ground.

Connect T-harness to appropriate input and output connections. Note that the clear color connectors go to the input side and black color connectors go to the output side. White/grey is front, and green/purple is rear, UNLESS otherwise noted as some models may deviate from this to accommodate special factory wiring in RARE scenarios.

If using a DSP or CVO model refer to that part of the directions for further information.

### **11-13 RG/SG CVO**

The kit will come with specific speaker connections for each speaker. These may or may not already be attached to the speakers so make sure to verify before starting the installation exactly what you received!

Each factory amplifier MUST be disconnected, and the amplifier bypass plugged in BEFORE connecting the Soundz amplifier.

Factory tweeters in gauge locations can NOT be used with the Soundz amplifier as they are 1 ohm and will possibly cause the amplifier to go into protect at high volumes/extended play time. Please disconnect them and place tape over the end of the connector to prohibit anyone else that may work on the bike from accidentally reconnecting thinking they are just helping you!

For the RG model CVO, you must revert the factory grille plastic back to the original round style opening. This is not an automatic part of our kits. We do every effort to inform at time of ordering, but that may or may not happen every time or be understood every time. The factory part numbers for those are 77021-98 and 77022-98. They will likely each be followed by a letter as HD makes changes over time and updates the part number.

### **12-13 Ultra Limited CVO**

The following also applies for ALL models with an amplifier mounted under the tour pack with some variations - PLEASE call immediately if you notice something abnormal. Harley made multiple variations of upgrades for different models and years and we can always custom make the interface for your scenario given proper pictures and information. This will take a bit of patience, but we can accommodate this for you with good communication.

Use the rear amp bypass to plug into the amp under the tour pack. Use the front output from the T-harness as your rear output to the tour pack pods. Run a direct harness for the front speakers.

### **Soundz HD-DSP 14-20 Installation instructions**

Included with the HD-DSP is our proprietary T-harness, DSP to amp input harness, DSP module, and DSP bracket.

The bracket will mount to the Left (as you sit on bike) side of either batwing or shark nose fairing style.

**Batwing** - Mount the bracket against the Left speaker pod. It has two drilled holes that align with two studs protruding from the speaker pod, one is threaded, one is not. Then slide the point into the square slot with a hole in the center and use the supplied screw to tighten the bracket in place while putting force against those two studs. This will hold the bracket in place with tension and the screw.

**Shark nose** - Mount the bracket on the Left side of the main inner fairing bracket next to the speaker pod. Use holes C & D with the supplied screws.

Mount DSP using the Velcro supplied to bracket.

If either model has a CB Module, disregard the bracket and use the Velcro to mount the DSP directly to the CB Module.

Connect DSP main T-harness to radio then connect the original radio harness to the receptacle of the T-harness.

Route and Connect the main DSP harness from T-harness to DSP. Fully seat harness.

Route and connect the Input signal and remote turn on side of the DSP harness to DSP and then to the amplifier. Fully seat harness into DSP.

Connect the front amplifier input from DSP (white/grey wires in plug) to the front input of the amplifier.

Connect the rear amplifier input from DSP (green/purple wires in plug) to the rear input of the amplifier.

Connect the blue or blue/white stripe wire to the remote turn on input of the amplifier. **DO NOT CONNECT ANY OTHER WIRE TO THIS SOURCE.** Connecting another 12V or ground wire to this will damage components and will NOT be covered under warranty.