



50HDS144

Motorcycle Audio Kit Installation Guide for Harley Davidson® Electra Glide | Street Glide | Ultra Glide | Bat Wing Trikes 2014–2023 (FLHT)

Package Contents:

(1) Install Guide	(1) Wiring Harness	(6) 6" Black Cable Ties	(1) KPX3004 KICKER Amp	(1) Mounting Hardware
(4) 8-32 x 1/2" Button Head Bolts	(1) Stainless Steel Mounting Bracket	(2) PSC652 Kicker Speakers	(3) 1/4" 20 Nylock Nuts	(2) 8" Black Cable Ties
	(3) 1/4" 20 washers	(4) 8-32 Nylock Nuts	(3) 1/4" 20 1" bolts	(1) Mylar cover (1) Dummy Plug

Tools Needed:

3/16" Allen wrench	7/16" Box end wrench or socket	Torx T-27
10mm Box end wrench	Torx T-40	

Important: Over-tightening mounting fasteners may result in damage to your motorcycle. Please refer to your service manual for proper procedures and torque specifications. KICKER is not responsible for damage resulting from improper installation techniques. This kit may not be compatible with some aftermarket head units.

PROGRAMMING HD RADIO:

NOTE: It is necessary to re-flash your HD radio before installation of this kit. See Local Harley-Davidson Dealer to have HD Radio re-flashed.

1. Remove the seat and disconnect both negative and positive battery terminals.
2. Remove the windshield.
3. Remove the outer fairing.
 - a. Remove the four mounting screws, unplug the headlamp and set aside on a soft cloth.
4. Remove the fuel tank.
 - a. Unplug the fuel fitting on the left side of the tank. You may remove the console if you want to retain vent line routing and connector placement.
 - b. Remove all four mounting bolts and carefully lift the tank off the bike and set aside.
5. Remove wire caddy cover.
 - a. Carefully release each tab along the caddy until it lifts completely.

SPEAKER INSTALLATION

6. Remove one of the speaker pods from the inner fairing. **(Fig. 1)**
 - a. There are five fasteners in the center portion and three on the outside to release it from the inner fairing.
7. Remove the stock speaker and replace with the PSC652 speaker from the kit.
 - a. Install the speaker into the pod and fasten with the original speaker screws. **(Fig. 2)**
8. Reinstall the pod to the inner fairing.
9. Repeat for the other side.

AMP INSTALLATION

If you have a 2020 Street or Tri Glide, the following steps must be completed before amplifier installation:

Remove four screws from the HD Connect Module. Remove Module from Bracket. Relocate Module to the clutch side of the radio and secure with two 8" zip ties included. **(Fig. 3 and Fig. 4)** **NOTE:** There may be some connectors that will be relocated off of the radio chassis for the amp bracket to fit.

10. Fasten the amplifier to the bracket with the supplied hardware.
 - a. Insert the bolts through the bottom of the bracket and install the locknuts to the amplifier.
11. At this time, it is highly recommended to set the amp gain setting to 0. KICKER recommends that the dip switches be set up as follows **(Fig. 5)**

Auto turn-on - 12V Amp1: HI-PASS – 80 Hz ⬇️⬇️
Fader - ON ⬇️ Amp2: HI-PASS – 60 Hz (6x9) ⬆️ ⬇️ 80 Hz (6.5" Tour Pack) ⬇️⬇️
Input level - HI ⬇️ Input Gain control – 0

Note: At this time it is highly recommended to cover the dip switches with the included mylar cover as seen in **(Fig. 12)**

12. After finishing System Setup, use the supplied 1/4" hardware and fasten the amp/bracket assembly to the radio chassis with the 10-pin connector and power connector facing the throttle side. **(Fig. 6)**

HARNESS INSTALLATION

13. Plug the harness into the amplifier and route the speaker wires to their respective locations. **(Fig. 7)**
 - a. Separate the speaker connectors and plug in the amplifier harness to each speaker.
14. Plug the 4-pin male, rear audio connector into the 4-pin female rear audio signal connector coming from the radio harness. **(Fig. 8 and Fig. 9)**
15. Plug the switched power harness into the 2-pin amp connector on the throttle side of the fairing. **(Fig. 10)**
16. Plug the blue wire on the kicker harness into the switched power harness lead with one wire.
 - a. This allows for an accessory 12V port to remain available.
17. Route the power leads and the rear speaker plug along the clutch side of the frame neck, in the electrical caddy to the seat area. **(Fig. 11)**
18. Reconnect the battery terminals and pull the excess harness slack back into the fairing. Create a slack loop with excess harness slack.
19. Plug the radio in and set the gain. If not using rear speakers it is recommend to leave the amp 2 gain turned all the way down.
20. Test component function and set the gain to optimize system performance.
21. Carefully reassemble the motorcycle and enjoy your new audio kit!

Note: If you are not using rear speakers you will need to connect the Dummy Plug (fig. 13) to the rear speaker connector under the seat.

For questions, please contact KICKER Technical Support at 800-256-0808, M-F 8:00 am – 5:00 pm CST or email at support@kicker.com

