

## Warranty Information:

Hogtunes BTS-AA is warranted for 3 years to the original purchaser. Proof of purchase is required for all warranty claims. Please contact Hogtunes for all warranty claims. Products found to be defective during the warranty period will be repaired or replaced at Hogtunes sole discretion. Hogtunes complete warranty policy is available on our website at [www.hogtunes.com/warranty.html](http://www.hogtunes.com/warranty.html)

***IMPORTANT: In the event of a warranty claim, please fill out the form in the Warranty section of our website, or contact us by email or by phone. Valid claims will have a Return Authorization Number (RA#) generated which MUST appear on the outside of the box when it arrives to us.***

***Goods Arriving Without an RA# Will Be Refused!***

### What Is Not Covered:

- 1) Any expense related to the removal or re-installation of this unit.
- 2) Repairs to BTS-AA performed by anyone other than Hogtunes Inc.
- 3) Subsequent damage to any other components.
- 4) Any product purchased from a non-authorized Hogtunes dealer.
- 5) Damage to the unit from an accident or collision.
- 6) Damage from incorrect installation, improper use, abuse or modifications.
- 7) Damage to inbound product due to improper packing.



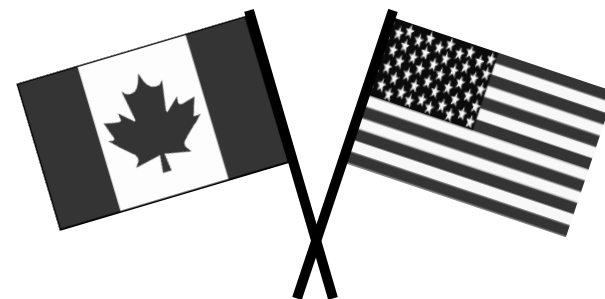
*Any audio system can be a distraction to the rider and/or passenger.  
Please use caution when playing or adjusting your stereo,  
especially in traffic.*

Harley-Davidson, Road Glide, and Street Glide, are Trademarks, and/or Registered Trademarks of Harley-Davidson, Inc., USA, and if Used or Implied are for Reference Only. There is No Affiliation Between Harley-Davidson, Inc., and Hogtunes Inc.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Hogtunes Inc is under license. Other trademarks and trade names are those of their respective owners.

# HOGTUNES

*Audio Solutions For The Great American Cruiser*



Designed and Engineered in Canada

# BTS-AA

*Fairing Mounted Bluetooth® Wireless Technology  
Adaptor and Controller For 1999-2013 Bikes  
With 1/8" AUX Input On The Radio*

## Installation Manual

[www.hogtunes.com](http://www.hogtunes.com)

Rev 1.0

Congratulations and thank you for your purchase of Hogtunes BTS-AA! Since positive word of mouth is the best way to grow our business, we want your new unit to work as well as it was designed to. If you have any questions or concerns, we are here to help. Email [info@hogtunes.com](mailto:info@hogtunes.com), or call us during regular business hours (EST) at 705-719-6361. If you still need help, then please consider a professional installation by your dealer.

## Installation Instructions:

**Step #1:** Make sure your ignition switch stays in the “OFF” position during the entire installation! Remove your outer fairing/headlamp assembly, and set aside. Refer to a service manual if you need help with this. It’s always a good idea to have a towel or something similar on your front fender to avoid dings or scratches if anything is dropped—colorful expletives will also be kept to a minimum.

**Step #2:** The BTS-AA is meant to fit perfectly in the inner fairing once you remove one of the 4 factory 2” gauges. In most cases, on Street Glide, EG Classics, and Ultras, customers will remove the factory ambient air temperature gauge to the immediate left of the radio. **Note:** On FLH model bikes, it may be easier to complete the installation if you remove the horizontal fairing support bracket that goes between the main fairing “upright”, and the bottom screw of the clutch side speaker. On the back side of the gauge you will unplug the factory main plug and plug for the backlight bulb that goes into the gauge. You will see 2 “hex nuts” that are removed and allow the gauge to be removed from the bike.

**Step #3:** Mounting the BTS-AA. Run the wires through the opening in the fairing where the factory gauge used to be. On the back side of the gauge, you will put the large black aluminum washer on first, followed by the smaller rubber washer, and finally the large plastic nut. Make sure the front of BTS-AA is oriented the way you want (straight) before you tighten the large plastic nut.

**Step #4:** The connector in figure 1.1 is what was used to send power and ground to the bulb on the factory gauge. Take the **black** wire from BTS-AA and plug it into the factory light bulb connector with the **black** wire going into it.

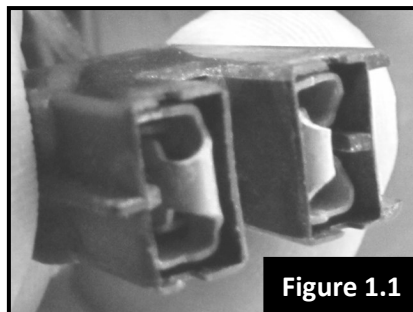


Figure 1.1

Unplug the orange factory wire on the back of the bikes cigarette lighter. The female connector on BTS-AA’s orange wire will plug directly on to the back of the cigarette lighter. Plug the factory orange wire onto the male “take off” connector built into BTS-AA orange wire.

The power wire is the correct length for FLH model bikes. If you are installing BTS-AA on a FLTR (Road Glide) , you can cut the zip tie on the orange wire for the extra length you will need.

**Step #5:** For FLH model bikes, in most cases, you will run the long black audio cable with the male 1/8” (3.5mm) plug across the back of the inner fairing and have it exit the inner fairing on the under side of the handle bar where it exits the inner fairing on the brake side. This makes it clean and easy to plug into the AUX in on the front of the factory radio. **Please note:** You will have to have the AUX input selected on your radio to hear BTS-AA.

**Pairing Your Bluetooth® Device To BTS-AA:** Put the Bluetooth® device you want to pair to BTS-AA in its Bluetooth® menu mode. Using the bikes ignition switch, power on the BTS-AA and the Hogtunes Logo will start flashing blue. On your Bluetooth® device search for the device called “Hogtunes BTS” and pair it noting no code is required. When successfully paired, the Hogtunes Logo will turn “solid blue”. BTS-AA will “auto pair” up to 9 previously paired devices. **Please Note:** Once BTS-AA sees power, it will always try and pair as shown by the flashing blue Hogtunes logo. If you do not have a paired device with you while riding, the blue light will continue to flash.

**AUX Input:** If you already had a peripheral music device on your bike such as satellite radio or GPS, you will take the audio output from that device and plug it into the female 1/8” mini plug (red molding) on the back of BTS-AA. Instructions for using the AUX function on BTS-AA are below.

## Main Key Pad Controls



The play pause button allows you to pause your Bluetooth® device from playing. Press the same button again and your device will start to play.



The “track up” button allows you to “skip forward” to the next song saved on your Bluetooth® device. The “track down” button once allows you to go back to the start of the song your currently listening to. Press it a second time and go to the start of the song on your device before the one your listening to.



The Volume Up/Volume Down buttons will control the volume level of **MOST** devices. If this does not work for your device, you will need to make sure you have the volume of your device up high enough to be heard through your audio system **BEFORE** you start riding!



Pressing the AUX button allows music to come through the BTS-AA and into your radio from a peripheral device such as a GPS or satellite radio. When BTS-AA is in AUX mode, the AUX light will illuminate yellow. You will no longer be able to hear your Bluetooth® device when the AUX button is lit, but if the Hogtunes logo is illuminated solid blue, your Bluetooth® device is still paired. Press the AUX button again, and the yellow light will shut off indicating the unit is now out of AUX mode. Your Bluetooth® device can now be used and controlled by the key pad. **Note:** When the unit is in AUX mode, the buttons on the control panel do not control anything to do with the peripheral audio device!