AuxAmp2 Installation and User's Guide

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Thank you for purchasing our product! We hope that your **AuxAmp2** gives you many riding seasons of convenient, clear, and comfortable operation.

AuxAmp2 was designed to connect to a variety of audio sources. It's used in conjunction with a KTG Stereo or GPS Device Harness, and a KTG Alert Device Harness, (each sold and packaged separately). It also connects to the bike's power system via a power harness that is included with the **AuxAmp2** and any 5 pin DIN headset.

It can provide up to 3 Amps of filtered current to any stereo, GPS, or alert device you want to use; no additional filter modules need to be installed.

Additional audio sources can be added by connecting the appropriate Kennedy audio interface switcher modules. Call for assistance in selecting the right module for your application.

OPERATION

Operating **AuxAmp2** is easy! After you install it, connect it to your audio sources and your headset, and then turn on your bike.

INSTALLATION

1. Find a suitable mounting location for **AuxAmp2.** It should be in a sheltered location, and as far away from the bike's ignition wiring and relays as possible.
2. Install the power harness included with **AuxAmp2.**
3. Install the KTG Stereo or GPS Device Harness, and the Alert Device Harness (if applicable).
4. Connect **AuxAmp 2** to the harnesses .
5. Route the headset harness to the most convenient location.
6. Set **AuxAmp2**'s internal switches for your preferred operation. The internal switches allow you to
    a. Set the level of the stereo or GPS source audio
    b. Set the level of the alert device audio
    c. Enable or disable full or partial muting of the stereo/GPS audio by the alert device audio
7. Affix the **AuxAmp2** to the motorcycle.

POWER HARNESS INSTALLATION

Locate the power harness and connector kit (kit part number 85488)

Included in the kit are:

    1 ea.   Red, #10 insulated ring terminals
    1 ea.   #10 uninsulated ring terminals
    1 ea.   uninsulated 1/4" ring terminal
    3 ea.   Red, tap and run terminal. (22 to 18 gauge wire)

Locate a switched (i.e. on/off with ignition) power point on your motorcycle.

Make the following connections:

    RED - Switched power, fused 3A, minimum.
    BLACK - Chassis ground

HARNESS AND SUBASSEMBLY INSTALLATION

Refer to the instructions sheets provided with the Stereo/GPS Harness, and Alert Device Harness. When you complete those installations refer back to this sheet.

HARNESS CONNECTIONS

Refer to the following drawing for the connector positions. Don't worry about connecting things wrong: Each connector pair is unique and can only connect to its proper mate.
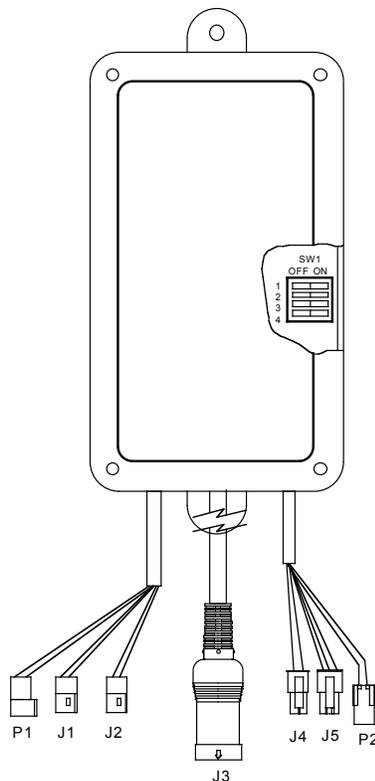
P1 connects to the power harness you installed.
J1 or **J2** can connect to either the power connector of the KTG Stereo or GPS Harness or the KTG Alert device harness (if purchased). These two connectors are interchangeable.
J3 connects to the your headset
J4 connects to the microphone input connector of the KTG GPS harnesses
J5 connects to the audio output connector of the KTG GPS or stereo harness
P2 connects to the audio output connector of the Alert device harness (if purchased)

USER SELECTABLE SETTINGS

- Remove the 4 screws that hold the two halves of the *AuxAmp2* together.
- Locate the small, blue, 4 position switch (labeled SW1) on the printed circuit board (see previous diagram for location).

Use a pen or small screwdriver to rock each switch to either the "ON" or "OFF" position depending on your preferences.

Switch 1 controls whether or not alert audio mutes the stereo/GPS source. In the "OFF" position, Alert audio will NOT mute the stereo/GPS. In the "ON" position, alert audio will mute stereo/GPS audio. How much it mutes, depends on the setting of Switch 2.

Switch 2 controls the *amount* of muting of the stereo/GPS audio by the alert device audio (provided Switch 1 is "ON"). When Switch 2 is in the "OFF" position, muting is partial; in the "ON" position, muting is total.

Switch 3 controls the amount of attenuation given to the alert device audio. When in the "OFF" position, attenuation is high, meaning that the audio level will be reduced. This is the factory setting, and appropriate for ear-bud style headphones. Set it to the "ON" position if more signal output is required.

Switch 4 controls the amount of attenuation given to the stereo/GPS source. When in the "OFF" position, attenuation is high, meaning that the audio level will be reduced. This is the factory setting, and appropriate for ear-bud style headphones. Set it to the "ON" position if more signal output is required.

Once the switches are set, replace the top half of the *AuxAmp2* and secure it with the 4 screws.

NOTE: *AuxAmp2* is internally fused with a solid state, auto-reseting, 3 Amp fuse.