

Installation & User's Guide

DualAuxADSet

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Thank you for purchasing our product!

We hope that your new *DualAuxADSet* gives you many hours of clear and comfortable operation.

INSTALLATION

This product was designed to connect to a variety of bike audio systems: It must be used in conjunction with a KTG Power harness, a KTG Auxiliary Audio Harness, and KTG Music and Alert Device Harnesses (each sold and packaged separately).

Refer to and perform the installation instructions provide with these harnesses.

PLEASE NOTE: This product is internally fused with a solid state, resettable device. It must be connected to a SWITCHED power source (On/Off with bike ignition). The total maximum power available is 4 Amp (1 Amp per device) or by the fuse rating of the bike's accessory fuse, whichever is smaller.

OPERATION

Input Priority

DualAuxADSet has two stereophonic music audio channels and two monophonic alert device audio channels. Each music and alert channel has been assigned a priority: Primary and secondary.

Refer to Figure, last page: Primary Music and Alert input connectors exit the *DualAuxADSet* from the *red* colored cable harness jacket.

Secondary Music and Alert input connectors exit the *DualAuxADSet* from the *blue* colored cable harness jacket.

Music Audio Switching

If no audio is present on the primary music channel, audio from the secondary music channel is presented to the bike's auxiliary input.

When music audio is present on the primary channel, *DualAuxADSet* presents music from the primary channel to the bike's auxiliary audio input.

Alert Audio Switching

If alert audio is present on the secondary alert channel, both the primary and secondary music channels are muted.

If alert audio is present on the primary alert channel, all other channels are muted.

Mute Options - Jumper Settings

Jumpers located inside the *DualAuxADSet* enable you to

1. Vary the amount of music muting on an alert
2. Combine primary and secondary alert audio.

To change these jumper settings, remove the four screws and cover from the *DualAuxADSet*.

To fully mute the music on an alert.: Locate the two, red, thumb-pull jumpers located at the top of the printed circuit board and place them in the “A” and “D” positions.

To partially mute the music on an alert.: Place the red jumpers in the “B” and “E” positions.

To disable music mute on an alert.: Place the red jumpers in the “C” and “F” positions.

To combine primary and secondary alert audio: Locate the one, red, thumb-pull jumper located near the center of the printed circuit board and move it from the “E” position to the “F” position.

Replace the cover and four screws.

TYPICAL CONFIGURATION

Music Channels

Primary - Satellite radio.

Secondary - MP3 player (iPOD)

Alert Channels

Primary - Radar detector

Secondary - GPS

In this configuration, the MP3 player is “on” and always playing. If there is a strong signal to the satellite radio, its audio will be heard. If the signal fades, audio will switch back to the MP3 player after an eight (8) second period of silence.

A GPS alert will mute the music source. A radar detector alert will mute both the music and any GPS alert that may be present.

ALTERNATIVE CONFIGURATION

Music Channels

Primary - Combination GPS/MP3 (e.g. an iWay).

Secondary - Satellite Radio

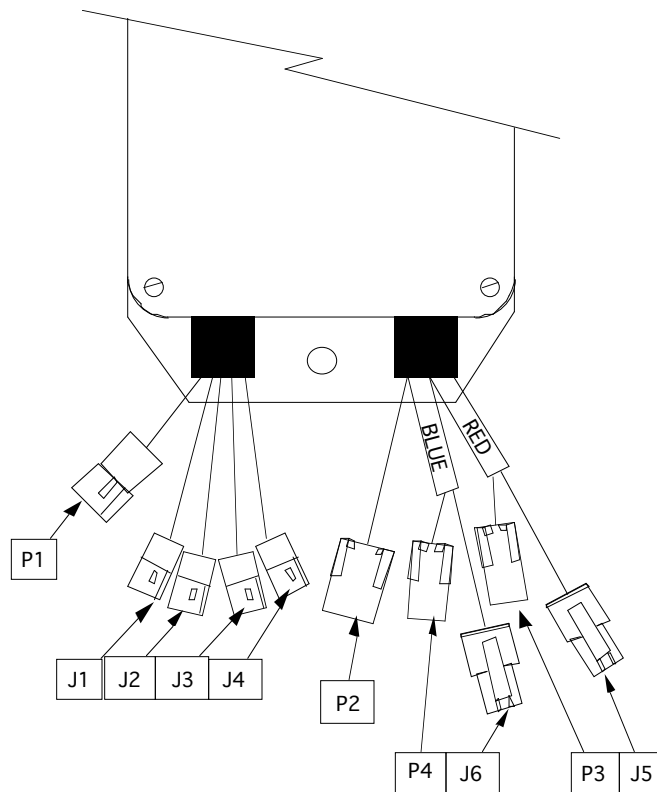
Alert Channels

Primary - Radar detector

Secondary - none

If the iWay is used in its GPS mode and issues an alert, it will be mute the satellite radio music. Audio will switch back to the satellite radio after a two (2) second period of silence. If the iWay is being used to play music, audio will switch back to the satellite radio after an eight (8) second period of silence.

A radar alert will mute the current music source.



HARNESS CONNECTIONS

NOTE: All harnesses are sold separately

P1 - 12Vdc input. Connect to KTG Power Harness.

J1 to J4 - 12Vdc output. Connect to KTG Music or Alert Device Harnesses. Note: This is *SWITCHED* power and limited to 1 Amp.

P2 - Connect to KTG Auxiliary Audio Harness.

P3 - Connect to primary Alert Device Harness.

J5 - Connect to primary Music Device Harness.

P4 - Connect to secondary Alert Device Harness.

J6 - Connect to secondary Music Device Harness.

MOUNTING

DualAuxADSet is water *resistant*, not water *proof*. When mounting, place it in a sheltered location with the lid side down. If a sheltered location is not easily accessible, seal the unit inside a plastic bag.
