

# *Installation & User's Guide*

## *AuxSwitchADSet*

Document Part Number 65395Rev0

Kennedy Technology Group, Inc.

614 Ridgeway, Rose Hill, Kansas 67133 USA

voice 316.776.1111

fax 316.776.9035

email:[kennedy@cellset.com](mailto:kennedy@cellset.com)

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

*Thank you for purchasing our product!* We hope that your new *AuxSwitchADSet* gives you many hours of clear and reliable 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 3 Amps (1 Amp per device) or by the fuse rating of the bike's accessory fuse, whichever is smaller.

### OPERATION

#### Input Priority

*AuxSwitchADSet* has two stereophonic music audio channels and one monophonic alert device audio channel. The music channels have been assigned a priority: Primary and *secondary*.

The *Primary* Music and the Alert channel connectors exit the *AuxSwitchADSet* from the *red* colored cable harness jacket.

The *Secondary* Music input connector exits the enclosure from the *blue* colored cable harness jacket (Refer to the Figure, last page).

#### 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, it is presented to the bike's auxiliary audio input.

#### Alert Audio Switching

If alert audio is present on the *alert* channel, both Music channels are muted (except if disabled by the mute jumper settings (see JUMPER SETTINGS section, below)).

#### Failsafe Mode

If power to the unit is interrupted, *primary* and alert audio will be combined and passed through to the bike's audio input. Please note: In this mode, the *primary* audio will be *monophonic*.

## JUMPER SETTINGS

### Music Mute

Jumpers located inside the *AuxSwitchADSet* allow you to enable or disable music muting when an alert is received.

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

To fully mute the music on an alert: Locate the red, thumb-pull jumper located at the top of the printed circuit board and place it in the “B” position.

To partially mute the music on an alert: Place the red jumper in the “A” position. Please note: Music audio will be *monophonic* during the alert.

### Alert Volume Level

Jumpers located inside the *AuxSwitchADSet* allows you to vary the level of the Alert device volume.

For High attenuation (minimum volume) place the red jumper in the “H” position.

For Medium attenuation (medium volume) place the red jumper in the “M” position.

For Low attenuation (maximum volume) place the red jumper in the “L” position.

Test the system before replacing the cover and four screws.

## TYPICAL CONFIGURATION

### Music Channels

**Primary** - Satellite radio.

**Secondary** - MP3 player

### Alert Channel

Radar detector

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

Alert audio will mute the active music source (if selected by the “A/B” jumper setting).

## ALTERNATIVE CONFIGURATION

### Music Channels

**Primary** - Combination GPS/MP3/Cellphone device.

**Secondary** - Satellite Radio or MP3 player

### Alert Channels

Radar detector

If the device connected to the **primary** input issues a short alert (GPS turn command, etc.), it will mute the **secondary** audio source. Audio from the **secondary** input will then resume after a two (2) second period of silence. If the device connected to the **primary** is being used to play music or receiving incoming cell phone audio, audio will switch back to the **secondary** channel after an eight (8) second period of silence.

Alert audio will mute the current music source (if selected by the “A/B” jumper setting).

## HARNESS CONNECTIONS

*NOTE: All harnesses are sold separately*

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

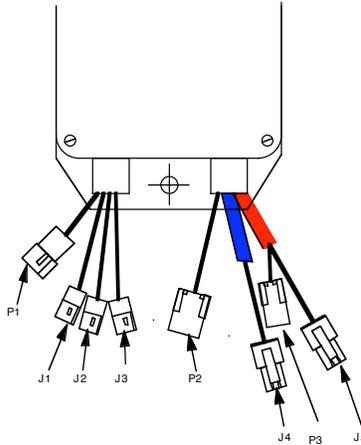
J1 to J3 - 12Vdc output. Connect to KTG Music or Alert Device Harnesses. Note: This is *SWITCHED* power and limited to 1 Amp.

P2 - Connect to the KTG Auxiliary Audio Harness.

P3 - Connect to the KTG Alert Device Harness.

J4 - Connect to the KTG **SECONDARY** Music Device Harness.

J5 - Connect to the KTG **PRIMARY** Music Device Harness.



## MOUNTING

**AuxSwitchADSet** is water *resistant*, not water *proof*. When mounting it on the motorcycle, place it in a sheltered location with the lid side down. If a sheltered location is not easily accessible, seal the unit's seams with electrical tape.