Installation & User's Guide
AuxSwitchADSet

Document Part Number 65395Rev1

Kennedy Technology Group, Inc.

614 Ridgeway, Rose Hill, Kansas 67133 USA
voice 316.776.1111
fax 316.776.9035
email:kennedy@cellset.com
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.

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

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.

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 be 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.

HARNESS CONNECTIONS

NOTE: All harnesses are sold separately
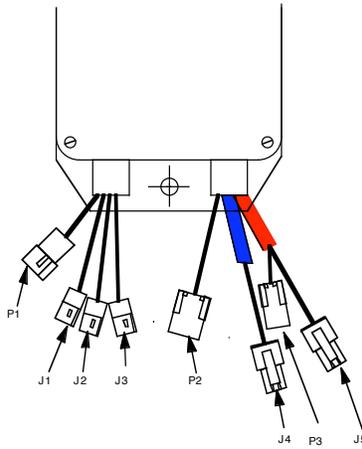P1 - 12Vdc input. Connect to KTG Power Harness.
J1 to J3 - 12Vdc output. Connect to KTG Music or Alert Device Harnesses. Note: This is *SWITCHED* power and limited to 1 Amp.
P2 - Connect to the KTG Auxiliary Audio Harness.
P3 - Connect to the KTG Alert Device Harness.
J4 - Connect to the KTG SECONDARY 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.

Type to enter text