



1. Description
 - a. Stereo amplifier with microprocessor controlled variable gain, 20dB max
 - b. Connections
 - i. power input
 1. Comes with a mating power harness and a variety of splice connectors
 2. Connects to switched power source on bike
 - ii. power output
 1. Power is filtered internally to provide up to 3 Amps to the user's GPS or other audio device
 - iii. Headset pigtail
 1. Connects to standard 5 pin DIN headset (dynamic mic type) via a Kennedy supplied pigtail.
 - iv. Microphone output
 1. Connects to the mic connector of the user's audio device via a Kennedy device harness
 - v. Stereo input
 1. Connects to the stereo output (line or headphone) connector of the user's audio device via a Kennedy device harness.
 - vi. Gain Control
 1. Connects to a Kennedy supplied toggle switch assembly
 - c. Variable gain
 - i. Up/Down control via a toggle switch.
 1. The amplifier volume is controlled using an (on)-off-(on) style toggle switch.
 - ii. Two gain ranges.
 1. Low (6db max) gain for earbuds
 2. High gain (20dB max) for headphones
 3. Software selectable
 - By holding the volume control toggle in the up or down position while turning on the bike power, the AuxAmp will enter the high or low gain range.
 - d. Power filter
 - i. eliminates ignition coil noise.
 1. Internal electronics with solid state fuse at 1 A
 2. External device with solid state fuse at 3 Amps
2. Design
 - a. Modular
 - i. KTG audio switching modules for adding a more audio sources (mp3 players or radar detectors)
 - b. Water resistant.
3. Connection capabilities
 - a. MP3 players
 - b. cell phones with mp3 capabilities
 - c. Multi function GPS such as zumo and nuvi (MP3, cellphone)
4. Accessories
 - a. Device harnesses



- i. Kennedy offers a variety of device harnesses and configurations: Audio only, audio and power, 72" length. Extender cables are available for lengths to 10 ft.
- b. Volume control toggle switch options
 - i. Handlebar mount
 - ii. Panel Mount
 - iii. Pigtail for customer supplied switch
- 5. General Specifications
 - a. Power
 - i. Voltage input; 12V, nominal, 16V max
 - ii. Current (internal amplifier)
 - 1. quiescent - 40mA
 - 2. Max - 250mA
 - b. Audio Output
 - i. Impedance; 4 ohms
 - ii. Gain; -80dB to 20dB
 - iii. Power; 1/2 Watt per headphone
 - iv. Harmonic distortion; 10% total harmonic distortion (32 ohm headphone impedance)
 - c. Audio Input
 - i. Impedance
1000 ohms
 - d. Microphone output
Direct connect to microphone input.
 - e. Physical
 - i. Dimensions
4-1/2" x 2" x 1"
 - ii. Weight
4.3 oz.