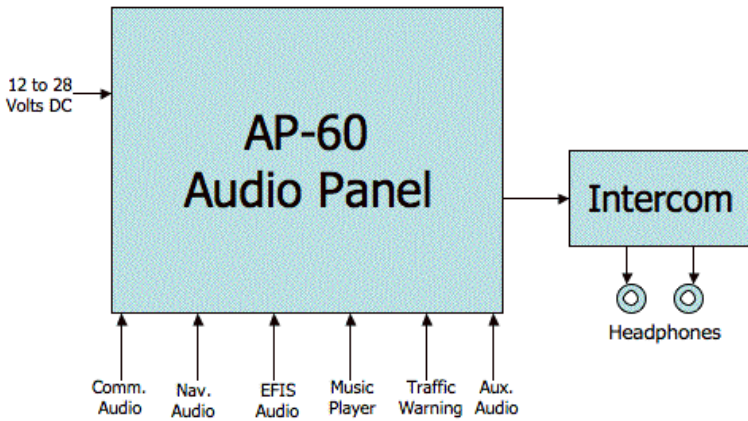


## AP-60 Installation Manual

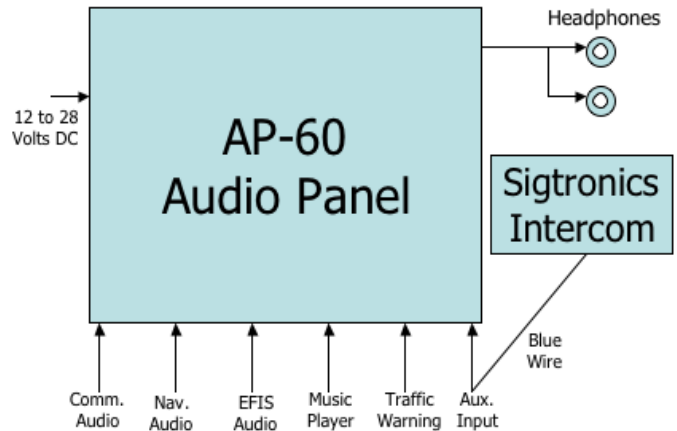
Rev. 1/14/10

**The AP-60 is not approved for installation in certified aircraft.**

<p><b>Power:</b></p> <p>We suggest powering the AP-60 from your avionics bus. It should be on a circuit protected by a fuse or circuit breaker. The AP-60 power circuit may be shared by other devices such as an intercom. The fuse/circuit breaker may be as small as 1 Amp.</p>	<p><b>Audio Inputs:</b></p> <p>All AP-60 inputs are identical, thus, any device may be wired to any input. Below is a diagram detailing one possible configuration of the AP-60. Optionally switches can be installed on the input lines to enable turning off and on specific devices. Suggested switch suppliers and part numbers are listed below.</p>
<p><b>Wiring:</b></p> <p>Twist and "tin" each the wire that will be inserted into the AP-60 terminal strip for best performance.</p> <p>Audio signals both to and from the AP-60 should be carried on shielded cables. This prevents interference from leaking into your audio system. The shield of each input and output cable should be grounded on <b>one</b> end of the cable, either at the AP-60 or at the audio device. Multiple shields can be combined and grounded at either of the two ground points on the AP-60.</p>	<p><b>Audio Output:</b></p> <p>The output of the AP-60 should be connected to the Intercom's communications radio input**. If the intercom has an input for a music device (Ipod, etc...), we suggest connecting that device to the directly to the intercom rather than the AP-60. This will allow the intercom to use any built in muting feature for the music and will keep the music in stereo if applicable.</p> <p>**Note: Sigtronics Monoral intercoms do not have a comm. radio input. See the "Sigtronics Monoral Intercom" diagram below as a guide.</p> <p>An intercom is not required for the AP-60 to operate. It may be connected directly to single or multiple headphone jacks if desired.</p>



**Intercom with Communications Radio Input  
(Includes Sigtronics Stereo Intercoms)**



**Sigtronics Monoral Intercom Only**

**Need Help?**

[support@fdatasystems.com](mailto:support@fdatasystems.com)

**or call (831) 325-3131**

**Suggested Sources for Switches**

**Radio Shack**  
 Model: 275-613 Catalog #: 275-613  
 Model: 275-635 Catalog #: 275-635

**Mouser Electronics: 1-800-346-6873 or [www.mouser.com](http://www.mouser.com)**

108-1MS1T1B1M2QE-EVX

See catalog and website for many more....

### Specifications

Input Voltage: 12 to 28 Volts DC  
 Width 2.53", Length 3.42", Height .55", Weight 2.1 oz.