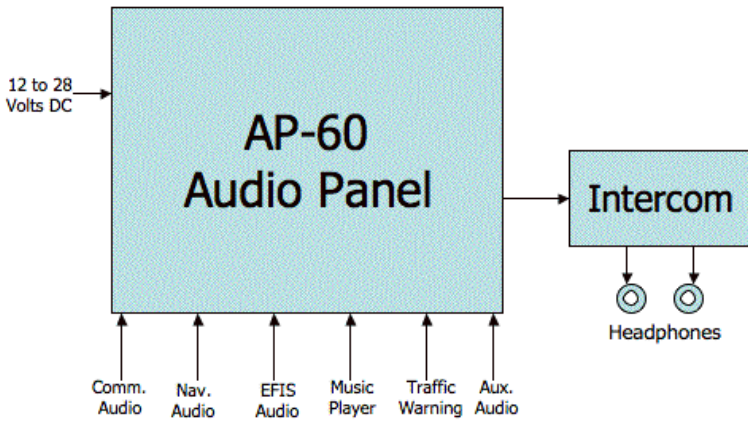


AP-60 Installation Manual

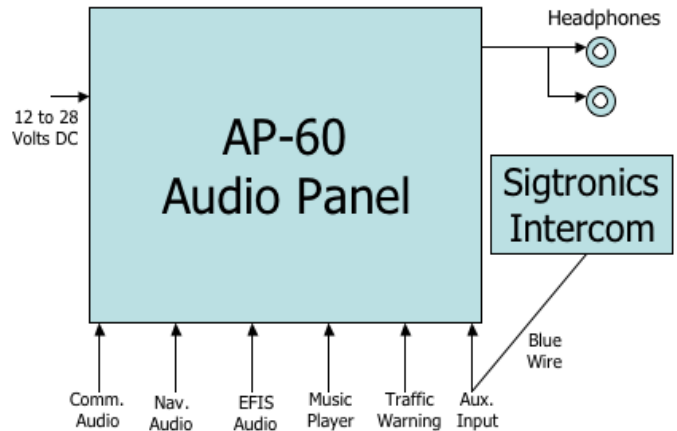
Rev. 1/14/10

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

<p>Power:</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>Audio Inputs:</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>Wiring:</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 one 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>Audio Output:</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

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

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.