

PS SSSst...



Bet you didn't know...

The PMA9000EX Is The Most Advanced Audio Panel Available To The Homebuilder



While thousands of our audio panels have been installed in experimental aircraft over the years, the PMA9000EX has the “must have” list from homebuilders and offers the new standard in functionality and utility.

Because strict adherence to TSO limitations was not required, management let the engineers run loose with their imagination. The results? Unparalleled Innovation, Utility, and Functionality.

While the PMA9000EX retains all of the capabilities of the popular PMA8000B audio panel (IntelliVox[®], Internal Recording System (IRS), Hi-Fi stereo music distribution with soft mute, split mode, and plug and play capability with the GARMIN* GMA340) but adds new capabilities never before available to the pilot community.

The backlit LCD provides an easy way to manage the audio system. See at a glance what radios are selected, titles of songs, and status messages. A host of audio panel configurations can be changed with a twist of a knob.

Our trademark front panel utility jack acts as an iPod input, telephone input, or USB port for the onboard MP3 player. This USB port allows the crew and passengers to download music from a memory stick, providing hours of continuous music listening.

The Bluetooth interface eliminates the wire clutter that used to be necessary to connect telephones. This wireless interface gets the pilot as close to hands free flying as possible!

The unprecedented number of audio panel/music/intercom configurations allows the pilots to make the system work just the way they want.

Music distribution has never been more flexible or easy to configure. Using the Rotary Data Knob and the LCD Display, any two of the three independent sources can be selected for either the Crew, Passengers, or for both.

PS ENGINEERING[®]
INCORPORATED
Sound Quality. Sound Engineering.
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TECHNICAL SPECIFICATIONS

Approval Basis	None
Certification Documents	The PMA9000EX is intended for Experimental Aircraft ONLY
Intercom	6-place Stereo
Transmitter Selections	4 (Com 1, Com 2, TEL Com 1/2)
Receiver Inputs	6 (Nav 1, Nav 2, ADF, DME, MKR, AUX)
Marker Beacon	Internal
Unswitched Inputs	4
Power Requirements	11 to 33 VDC, 2.5 Amp
Output Power	
Speaker Output:	3 Watts (14V), 10 Watts (28V)
Headphones:	38 mW each headset, no clipping <1% distortion typical
Audio Frequency Response	±3 dB, 300 Hz - 6000 Hz
Entertainment Frequency Response	±3 dB 20Hz - 20kHz
Weight	2.0 lb.
Dimensions	Height: 1.3 in. (3.3 cm) Width: 6.25 in. (16.9 cm) Depth: 6.4 in. (17.4 cm)
Environmental Qualification	None
Temperature Range	-15° C to 55° C
Altitude	50,000 feet, non-pressurized area
Marker Receiver	75 MHz, Crystal Controlled
External Marker Outputs	Lights and MM sense output
MP3 Player Memory	512 Mbytes

*GARMIN and GMA340 are trademarks of GARMIN Ltd. PS Engineering is not affiliated with GARMIN.

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