



### AMX240 AUDIO PANEL

The AMX240 is a full-featured audio source selector panel, intercom, and Marker Beacon receiver that provides outstanding features and sound quality, while incorporating Avidyne’s legendary “Flying Made Simple” user interface. Large, easy-to-read, LED backlit buttons provide simple mode selection and at-a-glance annunciation of your current audio and intercom configuration.

Supporting three transmitter inputs, nine receiver inputs, plus two inputs for stereo music and five unswitched inputs, the AMX240 also features a six-place high-fidelity stereo intercom, public address (PA) function, plus Bluetooth® music and full-duplex cell phone interfaces.

### MAKING FLYING SIMPLER

The AMX240 represents the state of the art in audio management and it is designed to make your flying simpler. Dual radio monitor capability allows the pilot to listen to Standby frequencies on the IFD-Series VHF radios with automatic muting when active frequency is in use. A dedicated Replay button provides a “say again” function that repeats previous ATC communications, and a dedicated Split button allows the pilot to transmit on Com 1 while the Copilot transmits on Com 2.

*Avidyne’s AMX240 Audio Panel provides the latest features in audio management for general aviation aircraft in a simple, easy-to-use design.*



*The AMX240 is a perfect complement to Avidyne’s Entegra Release 9 and the new panel-mounted radio stack, which also includes the IFD540 & IFD440 FMS/GPS/NAV/COMs and AXP340 ADS-B Extended Squitter Mode S Transponder.*

# THE AMX240 SOUNDS GREAT AND MAKES AUDIO MANAGEMENT EASIER THAN EVER.



## SIX-PLACE AUDIO INTERCOM WITH ISOLATION

The AMX240 features a pilot-selectable stereo or mono, six-place intercom system with automatic voice-activated (VOX) squelch for each mic input.

Pilot, crew, and passenger isolation settings are easily selectable with a single dedicated button, and are graphically displayed for clear mode annunciation.

Dedicated knobs for Pilot, Copilot and Passenger intercom volumes allow for full customization for personal preferences without relying on headset volume controls.



Crew Isolation selected



Pilot Isolation selected

The AMX240 is a slide-in replacement for the GMA340 audio panel, making it a great choice for upgrades, as well as for new installations.

## SPECIFICATIONS

### Dimensions

- Width: 6.30" (160mm)
- Height: 1.3" (33mm)
- Depth: 7.12" (180mm)

### Weight

- 1.40 lbs (0.63 kg)
- 1.95 lbs (0.87kg) with rack & connector

### Certification

TSO C50c, C35d Class A

### Compliance

RTCA DO-178B, DO-254, DO-160D, DO-214

### Power

11 – 33 V 2.5 A

### Environmental

-20 to +55 C, 35,000ft.  
No external cooling fan required

### Input Impedance

500 Ohms -60dB (min)

### Speaker Power

3 Watts @ 14VDC into 4 Ohms  
10 Watts @ 28VDC into 4 Ohms

### Receiver Inputs

9 (Com 1, Com 2, Mon 1, Mon 2, Nav 1, Nav 2, Mkr, Aux, Tel) + 2 Music inputs + 5 unswitched inputs)

### Transmitter Selections

(Com 1, Com 2, Tel, Com 1/2)

### Intercomm Positions

Up to 6 Places  
Pilot, Crew and PAX Isolation Selections  
Stereo or Mono

### Marker Beacon

75 MHz, 1000 mV low sensitivity,  
200 mV High sensitivity

## INTEGRATION WITH R9 & AVIDYNE CNS

Optimized for use with Avidyne Integrated Flight Displays (IFDs), the AMX240 enables Com Frequency decoding and Frequency Monitoring of the two transmit and four receive channels of the IFD's Com audio.



When interfaced with the AMX240, the IFD540, the IFD440 and the IFD5000 (Release 9) are able to decode the active Com frequency and display the agency name. At a glance, you know with whom you will be talking when you key your mic.



55 Old Bedford Road  
Lincoln, MA 01773

Ph 781.402.7400 800 AVIDYNE  
Fax 781.402.7597

www.avidyne.com

Avionics installations require special skills and test equipment. Avidyne's limited warranty is valid only for equipment installed by an Authorized Avidyne Distributor. Avidyne reserves the right to make changes to product specifications and design features without notice.

Some products may require additional hardware for full feature capability.

©2014 Avidyne Corporation. All rights reserved. AV852 Rev.1 3/2014 2,500