

AN ADVANCED ENTERTAINMENT SYSTEM



No one knows audio like PS Engineering! From this technology leader comes the ultimate and affordable In-Flight Entertainment (IFE) system for the owner-flown market, the PXE7300.

This single unit combines three of the most requested entertainment media types, CD, MP3 and AM/FM radio, with an electronics package that was designed from the knobs to the connector for aviation use in certified aircraft.

The PXE7300 represents an unparalleled advancement in operability, simple to use in flight, with the features most desired in an IFE system. Let's take a tour of the extreme entertainment available in the PXE7300:

- ▶ Turn the unit on, and the AM/FM radio is active. You can tune a station; select one of nine preset favorites, or search for a strong signal on the AM or FM band. Music, news-talk and sports, without the hiss of the ADF, or monthly subscription charges of Satellite Radio.
- ▶ Nothing on the radio of interest? No problem. Just pop in your favorite prerecorded Compact Disc. It plays automatically, with the current track displayed in the window. You can advance the track to select just the right music to suit your mood.
- ▶ Got a long cross-country coming up? You can store almost 20 hours of music on a single disc with the MP3pro format to create just the right musical environment without having to change discs. The PXE7300 will display the track, artist and title information, and the easy access to track selection means maximum enjoyment without distraction.

Designed as an aviation system, the PXE7300 meets tough international standards for environmental conditions, as well as audio performance. FAA Installation certification is under the STC-PMA approval.

Technical Specifications

Approval Basis	FAA-STC-PMA
Certification Documents	RTCA DO-160D, DO-178B, DO-214
Power Required	11-33 VDC, 3.0 A
Power Consumption	650mA typ. 1A peak
Audio Power Out	7.5 VRMS into 20KΩ
Auxiliary Audio Summing	4 sources, ±3dB, 300Hz-6,000Hz
Audio Frequency Response	±3dB, 300Hz-6,000Hz
Entertainment Frequency Response	±3dB, 20Hz-18,000 Hz
Weight	2.4 lb.
Dimensions	6.25" W x 2.0" H x 7.70"
Environmental Conditions	DO-160D A1D1/CA(MN)XXXXXBBBBTBKXX
Temperature Range	-20 C to +55, with transient operation at +70 C.
Altitude	25,000 feet, unpressurized
Software Criticality	DO-178 Level E
Hardware Criticality	DO-254 Level E
FM Receiver	87.7 – 107.9 MHz
AM Receiver	530 – 1710 kHz Superhetrodyne

Model	Description	Part Number
PXE7300	IFE System with AM/FM Radio	11970
Option 1	Cabin Briefing	
Option 2	European Tuning	

PXE7300 Features

- ▶ Nine preset channels
- ▶ Speed search function and 9 Preset stations
- ▶ Push-button or rotary knob track selection
- ▶ Data display with high contrast LEDs
- ▶ Front panel dimmer control
- ▶ Output compatible for use with intercoms or audio panels
- ▶ 1-year warranty when installed by dealer
- ▶ Plays CD, MP3, MP3pro, CD-R and CD-RW
- ▶ AM/FM Stereo radio receiver
- ▶ No additional antenna required, internally mounted antenna included
- ▶ Vibration-resistant Disc player
- ▶ No RFI emissions to interfere with avionics
- ▶ Certified with FAA STCs

No one knows audio control like PS Engineering!

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