



# PBS250 Digital PRAM

## ***Prerecorded Announcement Machines***

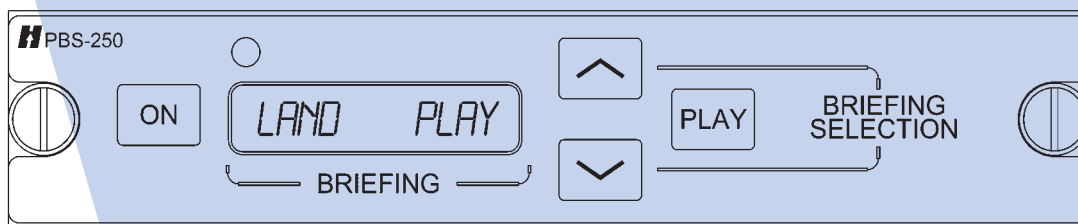
Studio-quality passenger briefings can enhance the safety and professionalism of your flight operations. Passengers appreciate well-written messages that are clearly read and easy to understand.

Heads Up Technologies' PBS-250 uses professional voice talent and state-of-the-art digital voice techniques to deliver the quality briefings your passengers deserve.

The PBS-250 is Heads Up's answer to FAA-required passenger briefings in today's busy aircraft environment.



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# PBS250 Specifications

Not only is the PBS-250 simple to operate, it's also simple to install and update. Just listen to some of these features:

## Solid-state reliability.

The PBS-250 uses the latest digital voice design to provide years of trouble-free performance. No tapes to drag, stretch or break. No moving parts to wear out, vibrate, or distort sound quality. Just reliable operation - every flight!

In addition, a light sensitive rheostat automatically controls display lighting.

## Custom briefings.

The PBS-250 is designed to accommodate your specific briefing requirements, such as safety related scripts for Takeoff, Landing, and Turbulence messages. Additionally, other messages, such as overwater briefings or explanations of cabin amenities and services, can be added to meet your requirements.

## Studio-quality sound.

A briefing is no better than the original studio production. That's why Heads Up uses state-of-the-art digital recording equipment and professional voice talent. Male or female voices are available. It's even possible to use your corporation's spokesperson for the ultimate in personalization.

## Automatic messages.

The PBS-250 can automatically advise passengers to fasten seatbelts whenever the seatbelt lights are illuminated. Other automatic messages are possible. Call the factory for more information.

## Change scripts without removing the unit from the aircraft.

Download a new passenger briefing message from a laptop computer in just minutes.

## Simple choice.

Heads Up offers a complete family of digital passenger briefing systems. With over 1,000 successful installations, the choice is clear. Contact your OEM or quality avionics facility for additional information.

## Message Capacity

- Number of Languages	1
- Number of Line Items	8
- Total Speaking Time	6 or 12 Minutes
- Message Change	Field Programmable via PC

## Digital Audio ò Digitized Human Voice

- Sample Rate	10Khz
- Sample Size	8 bit
- Audio Outputs	8 ohms (Speakers) 500 ohms (100mV)

## Electrical

- Microprocessor Based	8 bit/10Mhz
- Memory Type	Linear Flash
- Memory Capacity	2 or 4 Megabyte
- Voltage (nominal)	28Vdc
- Current (nominal)	0.35 Amp
- Panel Backlighting	5 or 28 Volts AC/DC

## Physical

Control Head	
- Height	1.13" (2.87 cm)
- Width	5.75" (14.60 cm)
- Depth	2.48" (6.30 cm)
Remote Computer	
- Height	1.65" (4.19 cm)
- Width	4.05" (10.30 cm)
- Depth	7.50" (19.05 cm)
- Total Weight	1.8 lbs (671.83 g)
- Mounting (Control Head)	Standard DZUS
- Bezel Color	Gray or Black
- Display Type	LED
- Display Size	One (1) Line; 10 Characters

## Environmental

- Storage Temperature	-67F to +176F (-55C to +80C)
- Operating Temperature	-4F to +158F (-20C to +70C)

## Testing / Certification

- Hardware - Environmental	14 CFR PART 21 RTCA DO-160B
- Software	RTCA DO-178B



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