PBS400 Digital PRAM
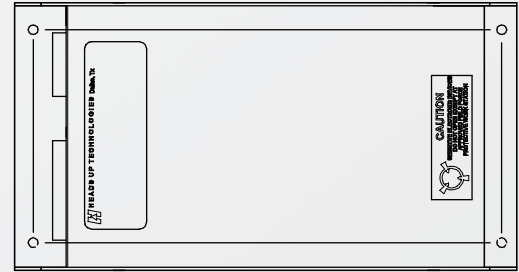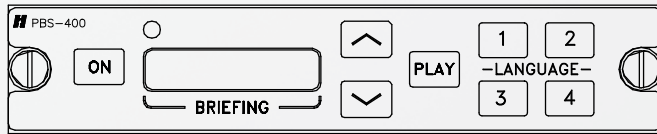### Prerecorded Announcement Machines

Cabin

Presenting a lightweight cabin briefing system your international passengers will appreciate.

International flight operations have an extra requirement for effective passenger safety briefings: multiple languages. In addition to enhancing the safety of your flights, providing multi-lingual briefings is a courtesy that international passengers appreciate. Unfortunately, reading a briefing in several languages increases the workload for pilots and flight attendants at a time when other cockpit and cabin duties may require their immediate attention. Fortunately, there is an easy and affordable solution: Heads Up Technologies' PBS400. This lightweight, all digital solution makes it easy to give cabin briefings in four different languages. Simply choose the desired languages, and the order in which you prefer them. If you're looking for a compact, lightweight way to offer multi-lingual cabin briefings, have a few words with us.

PBS400 Digital PRAM

Prerecorded Announcement Machines

Message Capacity

Number of Languages	1-4
Number of Messages	14
Total Speaking Time	12, 30, or 60 Minutes
Message Change	Field Programmable

Digital Audio - Digitized Human Voice

Sample Rate	10kHz
Sample Size	8 bit
Audio Outputs	8 Ω (Speakers)
	500 Ω (100mV)

Electrical

Microprocessor Based	8 bit/10Mhz
Memory Type	Linear Flash
Memory Capacity	4, 10, or 20 MB
Voltage (nominal)	28VDC
Current (nominal)	0.35 Amp
Panel Backlighting	5 or 28 Volts AC/DC

Physical (w/o cabling)

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	(1) Line; (10) Characters

Environmental

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

Testing / Certificatio

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

Specifications subject to change without notice.

The PBS400 uses solid state digital audio technology so there are no moving parts to maintain and no CDs to break or lose, leaving you free to enjoy reliable performance, premium sound and years of trouble-free operation.

Four languages plus boarding music.

The cabin briefings recorded for the PBS400 feature a human voice with studio quality. In addition to briefings, the system can play any kind of music: classical, jazz - even corporate theme songs.

Easy installation and operation.

This unit is designed for easy installation and use. The entire unit weighs less than two pounds, and the remote computer can be mounted in any position. The DZUS mounted control head can be located in the cockpit or cabin, for operation by the flight crew or attendants. The simple layout of the control head makes operation a snap. Just select the required languages, select the title of the message, and press play.

Reduce workload even more.

As an added convenience, you can automatically trigger the PBS400 with discrete signals (such as the seatbelt light) or from an optional Heads Up checklist system.

Change scripts without removing the unit.

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

Innovation Obsessed. Solution Driven.

Heads Up was formed for one purpose: To elevate the aviation experience for pilot and passenger by providing the most innovative cockpit, cabin and aviation electrical solutions in the industry. For information on this or any of our other products, or to discuss how Heads Up can help make your vision a reality, contact us today at info@heads-up.com or call 1.800.367.4770.