



Voyager Passenger Seat Module - PSM1000

The Voyager PSM1000 has been created to provide a complete cinema experience for coach passengers.

Voyager Elite

As part of the Voyager Elite range the PSM1000 is designed to provide individual audio control at up to 3 passenger seats. This gives each passenger the ability to customise his or her own audio using the passenger remote control unit (PRC1000). The PSM1000 is a high performance audio decoder, which offers the user a choice of up to 6 CD quality audio channels.

“High Quality TV with personal CD Quality audio channels at your finger tips” is what Voyager Elite is offering the 21st Century coach passenger.

The module is located at each row of seats (either above or below). It can be used in combination with the Voyager Standard system to create an integrated public announcement service through the use of roof mounted speakers.



- Advanced Digital Audio streaming module serving up to 3 passenger seats
- Each passenger has access to a personal choice of music played continuously on the audio channels
- The small form factor makes it easy to install for coach makers

Digital Networking

The automotive grade digital network requires fewer cables i.e. less weight, increased operational reliability, lower maintenance & repair cost – no functional down time during vehicle operation.

www.densionpublictransport.com

ELITE
voyager®

Audio Processing

Voyager multimedia streaming technology is designed to maximise the effectiveness of continuous data delivery over the CXB network and the rendering of CD quality sound to each passenger.

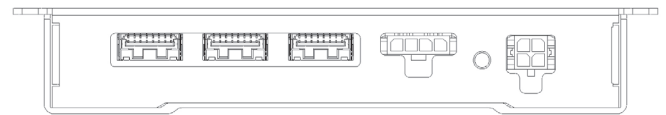
The DMS1200 acts as the streaming provider while the PSM1000 interface acts as the receiver of the streamed data. The unit's powerful processors extract the audio content and convert it, in real time, into a stereo analog audio signal.

The PSM1000 provides passengers with an individual selection of multiple audio channels. The audio signal of the TV program, displayed overhead on LCD Monitors, is fully synchronised with the video content.

Connectivity

PMS1000 is fitted with the following connectors:

- Three 4x2 Micro Fit 3.0 connectors for audio out, power and control of Passenger seat modules
- 1x4 Micro Fit 3.0 for the high speed CXB networking transmit and receive line
- 2x2 Micro Fit 3.0 – 12 v power connector



Multiple CD Quality channels for personal audio at every seat

Voyager Configurations

Products	Standard	Elite
DMS1200-01	Yes	DMS1200
RMD1000-xx	Yes	RMD1000
RMS1000-xx	Yes	RMS1000
PSM1000-02	No	PSM1000
PRC1000-xx	No	PRC1000

Technical Data

Physical	Size (W/L/H) in mm	128/64,6/22,2 mm
Weight	Net without packing	165 g
Enclosure	Front/Cover	All Metal
Environmental	Operating Temp.	-40 °C +85 °C
	Storage Temp.	-40 °C +85 °C
	Humidity at +55°C	RH 90 % (max 4 hours)
Electrical	Input Voltage	10,5 V-18 V DC
	Stand-by	0 mA
	Power Consumption	0 mA
Vibration	Sin Vibration	3 G, 5 Hz - 200 Hz
	Certification/	E24
Compliance		RoHS 2002/95/EC

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