



The RMS1000 module is a compact interface mounted overhead in the vicinity of the speakers. The module provides the high-speed network link for the streaming of the audio content. A powerful DSP decodes and converts the signal to a standard analog audio output.



Coach manufacturers can select any competitive off-the-shelf speaker modules to take advantage of continuous price decays typical for the industry.

Products for 21st Century Coach Travel

With Voyager™ coach travellers will enjoy high quality digital entertainment throughout their journey. Coach operators can tailor the entertainment programs to suit the journey and generate more revenue through advertising. The system is lighter, more compact and more cost effective than conventional onboard video systems; Voyager is the most flexible solution on the market today.

- High Performance audio DSP Decoder
- Hi-Q Integrated D/A Converter and power amplifier
- High Speed Data Communication
- Slim format for roof mounting

Audio Processing

Voyager multimedia streaming technology is designed to maximise the effectiveness of continuous data delivery over the CXB network and the rendering of quality sound on speaker systems.

The DMS1200 acts as the streaming provider while the RMS1000 speaker interface acts as the receiver of the streamed data. The unit's powerful DSP processor extracts the audio content and converts it in real time into an analog audio signal. The audio signal is fully synchronised with the video content displayed on LCD screens. The RMD1000 is fitted with a 45 W amplifier and supports 4, 6 or 8 Ohm interfaces.

Integrated amplifier for a customised acoustic environment

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 Current	24 V for 1 sec.
	Power Consumption	0 mA
	Sin Vibration	3 G, 5 Hz - 200 Hz
Vibration Certification/ Compliance		E24 RoHS 2002/95/EC FCC

Connectivity

RMS1000 is fitted with the following connectors:

- 2x3 Micro Fit 3.0 connectors for analog audio out.
Please specify the required type of connector for the speaker connection cable
- 1x4 Micro Fit 3.) for the high speed CXB networking transmit and receive line
- 2x2 Micro Fit 3.0 – 12 v power connector



The RMS1000 is fitted with fixing points for the installation of the unit in the ceiling cavity near the speaker.

Voyager Configurations

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

For further information please contact

PT Tronix Limited.

Unit 2&3 Farnborough
Business Centre Eelmoor
Road Farnborough
Hampshire GU14 7XA UK

phone +44 (0)1252 554444
fax +44 (0)1252 554400
email info@pttronix.com

PT Tronix China.

Suite 4012, No.18 Huangyang Rd
Biyun International Community
Pudong, Shanghai 201206

phone +86 21 6165 2722
fax +86 21 6165 2889
mobile +86 150 0096 5768