



Voyager - 21st Century Travel

Today coach travel is greener than car travel, less stressful and with modern technology you can relax; no driving, just enjoyment. With Voyager™ stepping into a coach is like stepping into a cinema. Digital sound and picture quality means that kids and adults alike will be entertained throughout the journey. Passengers won't expect anything less.

Fast, Flexible, Future Proof

Voyager™ is the most advanced and future proof onboard audiovisual entertainment system for Public-Transport Vehicles. PT Tronix's revolutionary networking and video processing technology means Voyager™ Standard achieves what traditional systems cannot.

End to End Hi-Q digital
sound & pictures

Operators generate revenue
through advertising

Easy to install and maintain

Reduced complexity, weight
and cost



Voyager Standard is the first system of a range that has been designed by PT Tronix for long haul coach travel in both single and double decker vehicles.

The modules needed to build a Voyager Standard system are featured overleaf

Digital Media Server

The DMS1200 is a small form factor 1 DIN module that replaces conventional A/V sources (DVD, CDV, and VHS) creating a streamlined driver cockpit.



This unit is specially designed for coach Infotainment systems around a powerful ARM9 processor. The integrated digital data communication interface facilitates the automatic distribution of audio, video and information programs to the Voyager Interface modules.

Large, high contrast OLED display.

Microphone Inputs – for driver and guide

Auxiliary Audio input for the broadcast of live radio programs to passengers.

At the left hand side a removable cover gives access to the USB drive.

Roof Mounted Display RMD 1000 interface

The RMD module is a data communication interface module mounted overhead in the vicinity of the LCD screen. The RMD100 Interface receives the streamed data through the CXB interface, decodes and

converts the stream into a standard analog (CVBS, RGB or S-Video) signal to interface with any LCD Screen.

Roof Mounted Speaker RMS 1000 interface

The RMS1000 module is a data communication interface mounted overhead near the speakers. The RMS1000 receives the streamed data through the CXB interface and decodes audio content then converts the stream into a standard 4 or 6 Ohm analog signal to interface with any standard speaker by means of an automotive grade SPADE connector.

USB Drive Portable Media Loader

The A/V content is stored on an easy to use USB drive. Five hours of AV content can be stored on an 8 GB USB drive. To enable coach operators to create a customised sequence of play (adverts, movies etc), PT Tronix offers a desktop PC application to format and store the content to be played on specific routes.

For further information please contact

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