

Getting the most from Multi-Media in full-size Offroad Caravans



Table of Contents

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1. Experiencing all of Australia and enjoying your music and movies
Multi-Media for Camping.
2. Summary of what is available in caravans
3. Listening to music inside/outside the caravan
4. Waterproof and Dustproof?
5. Enjoy your favourite movies on a 24Inch LED Screen with movies
that you have downloaded onto a USB
6. Tried Using Apple TV?
7. Use of WiFi and NextG 3G Service with Internet
8. Viewer Access Satellite Television service or VAST
9. Viewer Access Satellite Television service or VAST Channels
Available as at Mid 2012



Multi-Media for Camping.

In perfect days, there is no finer sight and sound than can be seen and heard in the bush. “why ruin this utopia with music or video”, I hear some people say. “leave it all at home!”

That is certainly the songbook I used for many years.

On a large trip for several months you may like some Satellite TV, DVD, pre-recorded Movies or choice of Music. Variety is the spice of life!

We will start this eBook with a simple quiz of your multi-media requirements in an off-road caravan. If you answer all of these in the affirmative then this eBook has good information for you. Otherwise flick on.

Do you want to?

- Play any movie that is on a hard disk on a large screen?
- Watch a DVD movie with full sound outside your caravan?
- Watch a movie on one screen while your partner watches satellite TV on another second screen?

At Kimberley we have designed an overall system with options to allow you to do all of the above. There may be some minor limitations though. To get it all to work, it is easier for you to describe exactly what you want to be able to do and the system option chosen accordingly.



Summary of what is available in Caravans

		Kimberley Multimedia Options for caravans			
media	Feature	DVD/CD/ MP3/AM/FM Player	Media Hub	Dual Cinema Package	Satellite Cinema Package
AUDIO	Play audio CD	Y	N	N	N
	Play MP3 music on USB drive	Y	Y	Y	Y
	Play Audio from Smartphone/Tablet	Y	Y	Y	Y
	AM/FM Radio - (limited antennae)	Y	Y	Y	Y
	Bluetooth stream audio	N	Y	Y	Y
	Inside speakers	Y	Y	Y	Y
	Outside Speakers	O	O	Y	Y
	Bluetooth control of Audio (tracks/volume)	N	Y	Y	Y
	Iphone and iPad App to control Audio	N	O	O	O
	View photos on USB drive	Y*	Y	Y	Y
MOVIES	Play movie on DVD Player in Standard Def	Y	N	N	N
	Play movie in HD and View in HD with sound in speaker system	N	N	Y	Y
	Watch a DVD movie with full sound outside your caravan	Y*	N	Y	Y
	Play movie on USB drive or Hard disk	Y	Y	Y	Y
	Show iTunes Library Movies and TV Shows from iPad or iPhone or Laptop	N	N	Y*	Y
SATELLITE TV	Watch a movie on one screen while your partner watches satellite TV on another second screen	N	N	N	Y
	Pre-record a satellite TV show while you are not in the caravan for replay later	N	N	N	Y
	VAST TV service	N	N	N	Y
	Foxtel Decoded	N	N	N	Y*
WIRELESS	Download Movies while travelling onto laptop or iPad, iPhone	N	N	N	Y*
	Connect iPhones or iPads on Wifi	N	N	-	Y
	Use NextG 4G + GPS on shark fin antenna				
	Use NextG 3G service on high gain antenna	N	N	-	Y

Y - This feature is Available | N - Not Available | * - Requires Optional extra for this function | O - Optional

Listening to music inside/outside the caravan

Inside the caravan are a pair of speakers in the console above the bed head.

Outside the caravan, the optional speakers are installed in the outside kitchen area.



Waterproof and Dustproof?

The stereo system found in the Black Caviar Cruiser is Waterproof & Dustproof. This is a high-quality unit designed for use in harsh Marine environments. This unit can play CDs, DVDs - tune in to AM/ FM radio channels and play MP3s/multimedia from a separate media device dock. Combined with a WiFi modem you can control this stereo with your smartphone or tablet device for advanced remote control!



Enjoy your favourite movies that you have downloaded onto a USB

A Large 24inch Screen Option lets you sit Inside in the Cinema seats and view more than just DVDs.



We set up the system so that with this option you can pre-record movies or shows, show movies that are pre-recorded on a USB (providing the format is compatible) or watch the Satellite TV.

The technology we have chosen (always being updated) includes:

- 24" LED TV (HD)
- LED TVs use 30% less power than conventional LCD TVs.
- PVR (personal video recorder up to 1TB) and USB Input
- Play your favourite movies, TV shows, music and photos.
- 12 Volt Power
- Using the 12V power adapter (sold seperately), this TV can be powered directly from a 12V power outlet found in most cars, caravans and boats.

You can link this screen to 2 Video Sources of the 3 below:

- Satellite TV
- DVD Player
- Apple TV



Tried Using Apple TV?

Apple TV is a device that decodes iTunes based libraries of Video Movies and TV Shows to a TV screen.

It does not show regular TV but only “Apple” content.

It does have a great “Airplay” feature which together with the Wifi System allows you to stream the movies and TV shows recorded on your iPad, iPhone or Apple Laptop directly using Wifi to the TV screen via the Apple TV.

It operates from 240V via the onboard inverter and can be an input to the 24inch LED screen inside or outside the Kimberley Kruiser.

It is standard in our new Kruiser T3.



Images



Recline in cinema class seats to view the flip-down 22" LCD screen (L) - or lay in bed and watch the screen above your bed! (R).



Use of WiFi and NextG 3G Service with Internet

It may be important to you to access the internet while travelling.

We are not an agent for Telstra but we have found their service in the bush to be the best in general. If 3G service is available, the signal strength can be reduced by the environment.

One solution is to add a 6.5dB antennae and connect it to a special Australian made modem that uses this and is tuned for Telstra's NextG service.

We have installed many of these in Karavans with good results.

This configuration also gives you WiFi. So you can have up to 8 devices on WiFi using this one service. And you can be sitting by the fire up to 20m away.



Viewer Access Satellite Television service or VAST

The Viewer Access Satellite Television service, or VAST, is a satellite television platform in Australia, providing digital television and radio services to remote and black spot areas using the Optus satellites. It is partly funded by the Australian Government and managed through a joint-venture between Southern Cross Media and Imparja Television. It is a replacement for Optus Aurora and provides channels which have been absent on free-to-view satellite until now, such as a Network Ten affiliate, and the digital multichannels. Viewers accessing the service must use a VAST certified satellite television set-top box and smartcard, and go through an application process.

Anyone is entitled to view ABC and SBS transmissions on the VAST service, after completing a successful application, regardless of location within Australia. Several different groups of people are currently entitled to use the VAST service to receive commercial stations:

Apart from those who live in areas designated as being part of the Remote Central & Eastern Australia licence area, or live in an area predicted to have no terrestrial digital coverage.

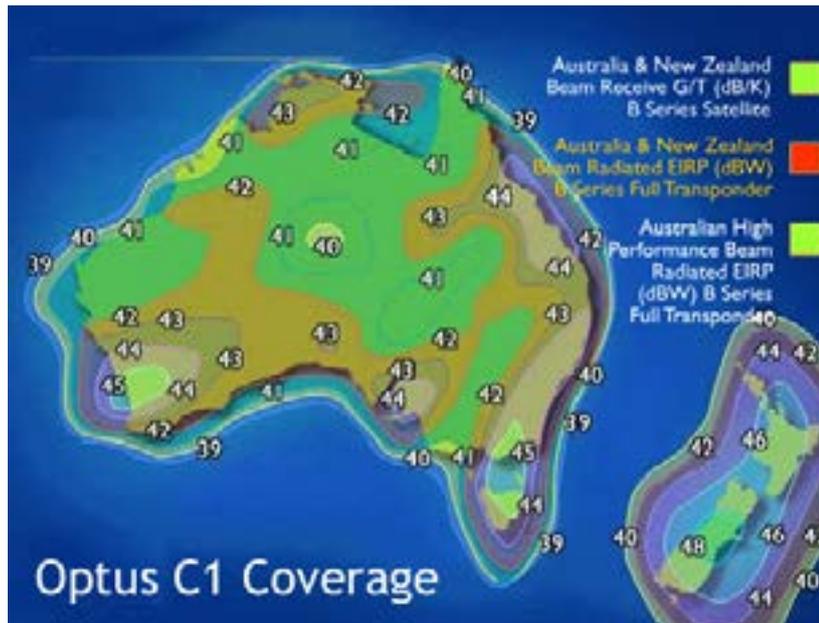
- Those who are traveling in the Remote Central & Eastern Australia and the Regional and Remote Western Australia licence areas may apply for a temporary travellers approval. (Allowing 6 months access at a time).

Travellers can access the VAST service by purchasing a VAST decoder with smartcard and activating the service at www.mysattv.com.au then clicking on the 'Traveller's Registration' button about halfway down the page.



Viewer Access Satellite Television service or VAST Questions

A Dish size of 75cm or greater is sufficient for 90% of the country, however if you travel to the far north, or far south west going up a dish size may be of advantage in harsh weather.



This map indicates the relative signal strength of the free-to-air signals onto Australia and New Zealand. As you can see, the signals do not vary greatly across the continent and therefore can be received with the same sized dish wherever you travel.

You can use a satellite dish for one-way satellite Internet reception after buying hardware from a Satellite Internet Provider: BorderNET.

How much power does the VAST decoder use? only 2.2 Amps.

You will get a very clear digital TV picture and sound (and radio) virtually anywhere in Australia. No ghosting pictures, just a perfect digital picture and sound. The better the TV set, the better the picture and sound quality from the satellite.



Viewer Access Satellite Television service or VAST Channels Available as at Mid 2012

VAST Television Channel Table					
National Broadcasters		Commercial Broadcasters ¹		Other Broadcasters	
LCN	Channel	LCN	Channel (North)	LCN	Channel (West)
		(North/ South)		(West)	
2	ABC1	7	Southern Cross Central North	6	GWN7GA- W1a
22	ABC2	72	7Two CentralNorth	62	7Two
23	ABC3	70	7mate Central	63	7mate
24	ABC News 24			64	TV4ME
3	SBS One	9	Imparja North	8	WIN WA
30	SBS HD	90	GEM	80	GEM
32	SBS Two			84	Gold
34	NITV	99	GO! North	88	GO!
		10	Ten Central North	5	Ten West
		1	One Central	50	One
		11	Eleven North	55	Eleven

There are also many regional news channels available.

