

# Getting the most from Multi-Media in Off-road Camper Trailers



## Table of Contents

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### Getting the most from Multi-Media in Off-road Camper Trailers

1. Experiencing all of Australia and enjoying your music and movies  
Multi-Media for Camping.
2. Summary of what is available in Camper Trailers
3. Listening to music inside/outside the camper trailer
4. Waterproof and Dustproof?
5. Enjoy your favourite movies or catch-up on the latest sporting  
match around the campfire
6. Use of WiFi and NextG 3G Service with Internet
7. Viewer Access Satellite Television service or VAST
8. Viewer Access Satellite Television service or VAST Channels  
Available as at Mid 2012



## Multi-Media for Camping.

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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.

Then I had a 10 day trip on the coast in Queensland with the middle 4 days of the trip dull with bad weather, average fishing and barely enough solar to charge the camper trailer.

The rest of the trip was great but it changed my view of having entertainment for the 6 of us inside the camper trailer awning.

Not all of our family enjoys playing 500 for hours!

If we have Multi-media, it would have to be good and cover a wide spectrum. Even having a VHF channel to pick up on can be handy.



Imagine watching an MCG Test in the quietness of an overcast and damp day on the coast. Much better than home!

This eBook outlines what you can and can't play on systems that are available.



**This eBook addresses the question:  
How much of Australia do you want to Experience?**



[kimberleygroup.com](http://kimberleygroup.com)

## Summary of what is available in Camper Trailers

	Kimberley Multimedia Options						RV Satellite System
	Kamper Media Hub	Digital Multimedia Cinema Package	3G Digital Communication System	4G Digital Communication System	AppleTV	SmartRV Digital Tracking	
Radio Anywhere							Y
ABC and SBS anywhere							Y
Selected other commercial channels							Y
FM Radio (limited antennae)	Y						
AM Radio (limited antennae)	Y						
Play DVD		Y					
Play MP3	Y						
Play from iPhone Music (via Bluetooth)	Y						
Listen VHF	Y						
Speakers inside Kamper under bed	Y						
Speakers outside in Delta Box	Y						
Use NextG 3G service on high gain antennae			Y				
Use NextG 4G service on high gain antennae				Y			
Automated Satellite Dish 85cm with VAST box							Y
VAST Decoder							Y
VAST Service card							Y
6 Months Travel Service							Y
Flat mounting base for Satellite Dish							Y
Flat mounting base that stores on Gullwing							Y
Cabling and Accessories							Y



## Listening to music inside/outside the camper trailer

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Inside the camper trailer are a pair of speakers at the foot of the bed. The sound is softened by the proximity of the mattress but in the quietness of the bush the overall effect is great.

For listening to music inside the Kamper you can sync your smartphone via Bluetooth with the Media Hub. Stream music from your device and control volume as well.

Outside the camper trailer, the speakers are installed inside the Gullwing Lid. With the lid “up”, the sound direction and quality is just great. Attention is paid to the style and speaker finishing material to give a richer sound.

You can control the music here from the control station within arms reach or with the remote control functionality of your smartphone.



## Waterproof and Dustproof?

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The Media Hub fitted inside the Gullwing has no moving parts and is designed to withstand the normal somewhat protected elements expected on a camper trailer outside.



This model does not play any CDs or DVDs!

To Play CDs or DVDs you can use the optional 24" TV.

When you add a Satellite system the decoder box can be installed in the front of the Delta storage box.

The Sat decoder operates on 240V from an inverter installed near the batteries. As a result, fuel needs to be carried on the drivers side and the front storage are used for "clean items".



## Enjoy your favourite movies or catch-up on the latest sporting match around the campfire

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Add a 24" TV screen with built-in DVD player so you can sit away from the camper and enjoy sharing the screen with others. This TV plays movies on standard DVDs and you can insert a USB with movies also.

Make it even better - add a satellite dish and enjoy TV anywhere in Australia!

In a later chapter, we describe the services available with a satellite dish and VAST decoder. The dish can be easily stored on the top of the Gullwing and features a stable base so you can place it away from the Kamper for best reception.

The Screen can take 2 separate inputs from these sources:

1. From a sat dish and decoder
2. From the DVD player
3. From a USB storage device



## Cose up Images

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24" flat screen TV down screen - sit away from the camper and share the movie experience.



Media Hub is located in vertical dash panel in front box (obscured by the bbq in photo below). Outside speakers conveniently located in Delta box lid above. TV can be placed on top of the wheel arch or kitchen/kitchen bench top.



## Use of WiFi and NextG 3G/4G Service with Internet

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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 specially Australian made modem that uses this and is tuned for Telstra's Next g service.

We have installed many of these in Karavans with good results. It would be installed along the top of the Gullwing in the Kamper.

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.



## Automated Satellite System for camper trailer

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Satellite is now available as easy to setup option for camper trailer

Ten years ago the thought of adding a Satellite system to a camper trailer would have been unthinkable. In fact, adding a heater was considered a luxury. Now, a heater is virtually mandatory and a Satellite is now a luxury... or is it?



My own experience with luxury digital tech stuff was with a boat I bought several years back when the kids were 6, 8 and 10. My best friend also bought a Riv and had kids the same age. We installed a playstation and big screen TV on ours, he did not. We went out nearly every weekend and the boys would get 4-5 hours fishing in and 4-5 hours playing games on the playstation late afternoon and at night. Our rule was for every hour solid fishing they could have the unit turned on for same amount of time.

Guess what? Our kids loved to come out on the boat as we didn't have a playstation at home. However, my mate could not get his to come unless they stayed with us. He tried all sorts of persuasion.

The lesson from this is that while we all want our kids to be in the outdoor "non digital" world, their mates and the social needs pull them into a digital world to feel they are included.

We didn't take any digital gear with us on the last Darling River trek as the boys had their kayaks and we figured this would wear them out every day. However, the last 2 days were wet and windy... tensions in the camp rose!

The challenge has been to get a more affordable and "easy" solution. We wanted a setup so you could take your Home Satellite provider with you as well (there are restrictions here on the type of account which may be an issue for you, but our satellite technology will work with Foxtel, even the IQ3 model).

## Automated Satellite System for camper trailer (cont)

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We now have both Satellite and 4G solutions as separate packages available for camper trailers. It isn't affordable to use the Satellite for high-speed data just yet. However, you can use the Satellite anywhere you can see the Northern sky (the satellites are more or less over New Guinea).

For the Camper Trailer, we can store the satellite on top of the Delta Gullwing. It fits perfectly. Unclip the tie down OJOP latches and lift the base tray and the satellite off the gullwing and place up to 5m away from the camper trailer where it can see the open sky.

Add our TV and the clever support frame that holds onto the top of the mudguard and the family can sit around and watch the TV anywhere in Australia. This is an 85cm dish and it automatically unfolds and locates the satellite. One button to turn on and then off you go with the channels!

So for our Fraser Island tragic who take the kids and experience a bit of damp weather every now and again, this will let you and fellow fisherman out into the surf while the kids are watching whatever... lets say "sport"!



## Viewer Access Satellite Television service or VAST

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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).

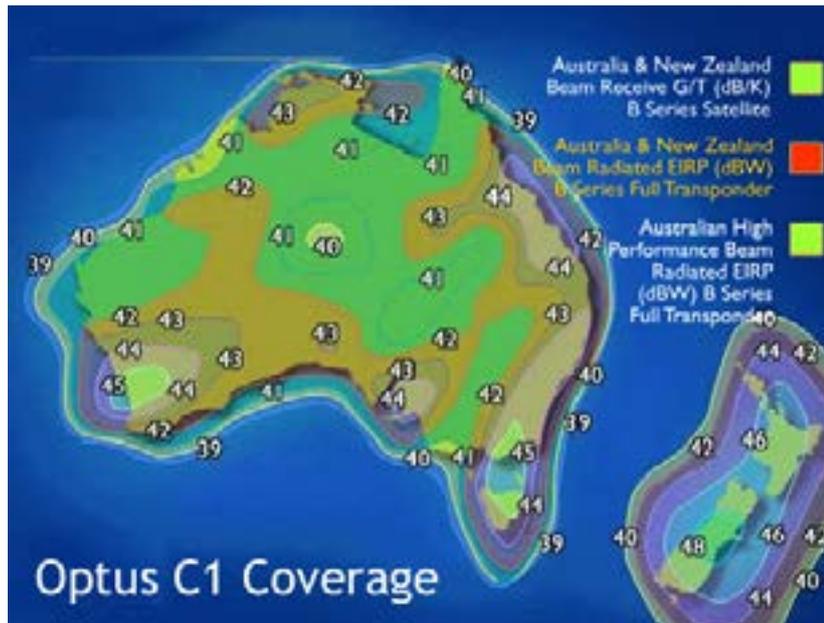
*Travellers can access the VAST service by purchasing a VAST decoder with smartcard and activating the service at [www.mysattv.com.au](http://www.mysattv.com.au) then clicking on the 'Traveller's Registration' button about halfway down the page.*



## Viewer Access Satellite Television service or VAST Questions

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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 <sup>1</sup>		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.*

