



Satellite TV Solutions for the wandering traveller



The Solution is Satellite  
www.campersat.com.au

## Special Offer on Refurbished Satellite Phones Available Now - Only While Stocks Last!

Campersat provides affordable mobile communication solutions specialising in satellite systems covering areas outside the range of standard mobile phones. No matter where you go, you will always be in touch with a satellite phone. Campersat specialises in solving all your satellite requirements whilst traveling, and can provide you with a wide range of associated products to assist you while you are in remote areas.

Model	\$AUD	Rec.Retail US\$	Suitable For
TT3060A	\$895.00	\$3,600.00	All Applications
TT3062A	\$1,495.00	\$4,100.00	4WD
TT3066A	\$995.00	\$4,100.00	Fixed Temporary Buildings
TT3062D	\$2,100.00	\$5,595.00	Motor Homes

### Satellite Phones

Satellite phones have been around for quite some time, but up until fairly recently the costs were mostly too restrictive for the casual traveller. These days however, the price of satellite phones have been reduced dramatically as the popularity of them increase. All satellite phones allow communication to the standard telephone network ie. direct dial voice, fax and data from anywhere in Australia, to almost anywhere in the world.

#### Why use a Satellite Phone?

It stands to reason, that travellers need a communication system that they can rely on. Since satellite technology has evolved and is now a realistically priced solution, there has been a resurgence of the use of satellite phones in business, education and recreation.



### Six Reasons To Purchase a Satellite Phone

1. You can leave your office for extended periods or set up a secondary office at a remote location. This is easy to do with a satellite phone.
2. Satellite phones operate independently of cell towers & power grids. When natural disasters hit, power lines & communication infrastructure are one of the first services to be destroyed.
3. Remote areas are void of normal town facilities. A satellite phone provides you with a back up if contact with emergency services are needed.
4. When you're out to sea you will never know what unforeseen events can happen. Satellite phones operate anywhere on earth, including the middle of the ocean.
5. When you consider travelling through the Australian Outback, you must be prepared! Anything is liable to happen from breakdowns, injuries, poisonous bites to even crocodile attacks.
6. Hiking or bush walking can sometimes render people helpless. You don't have to be one of the statistics if you have a satellite phone.

## To Hire or Purchase?

You can now pick up a satellite phone for as little as \$895.00 + plan connection. Most service providers will charge a connection fee, a monthly access fee (which includes a certain amount of free calls) and then your call costs. Call costs can vary, hiring may be a more cost effective option for some travellers, particularly if you wouldn't use it in your normal course of life and work. By hiring, you will only pay the weekly hire fee plus calls making this a very flexible option. Additionally, if you have hired a satphone and experienced hardware failure, then a replacement can be organised quickly. We have an extensive range of satellite telephones available to be rented for short or long term periods. Equipment can be rented daily, weekly or monthly. Depending on the application, we can supply a satellite telephone that is capable of voice, data or fax, for Australia and worldwide coverage.

## Preferred Network

The Immarsat Network is the most reliable & robust network. It is used by all shipping & land users. The Immarsat Network is markedly different than Iridium & Globalstar Networks. Iridium & Globalstar utilise a low orbiting satellite. Their phones possess inbuilt antennas, which reduce efficiency, as the antenna must always be pointed at the right angle. The advantages of the Immarsat phones are:

- The Antenna can be removed from the phone
- The option of a second phone line
- The bit rate is higher providing clear phone reception
- The Immarsat network is truly fixed
- No delays in acquiring signal
- No dropouts
- Phone is permanently connected
- Option of sleep-mode conserves battery

## Operation

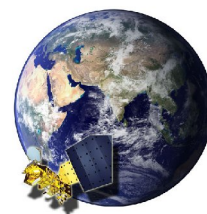
The satellite portable phones are operated from the handset just like a normal GSM or second telephone. From the 2-wire DTMF phone interface a fax machine can be connected. For data connectivity, you have the data port with the Hayes AT command sets. The small and discrete flat Panel antenna is sealed for true out-door operation. It may be relocated up to 200 metres from the telephone. An optional antenna bracket allows you a semi-fixed antenna installation during "office" hours.

## Built-in Features

The mobile phones have a built-in NiCd battery for 48 hours standby time and approximately 2.5 hours talk time. Included is also a fast-charger and a small external AC adapter. Normal operation of the telephone is also possible during charging. The satellite telephone will fulfil all your portable and fixed needs for a mobile telephone, extending your mobility from "GSM" coverage to true global coverage. The telephone occupies less than half of your normal brief-case & has low weight and low power consumption. The antenna is easy to align with the help of the built-in acoustic signal strength indicator.

## Advantages of Satellite Phones

- Reliability
- Smaller and more portable than HF radios
- Easier to use (similar to using a mobile phone)
- Can be hired (even couriered to your door)
- No installation required, fax/data capable
- A private communication system
- Easy for other people to call you



### Portable Satellite Phone

The Portable Telephone gives you true independent and global inter-connection to any destination in the world. It handles both high quality telephone calls, fax prints, data transfer or e-mail messages. These phones are designed in a ruggedised all magnesium case.

The satellite phone is light, compact and a power conserving mobile. It is a telephone suitable for world-wide transfer of your telephone calls, fax prints and data messages. These phones have built-in batteries and charger for true portable use with 48 hours standby time and 2.5 hours talk time.



TT3060A \$895.00 (WWP US\$3600.00)

### Rod Antenna Satellite Phones

This Rod Antenna phone can be operated from the handset just like a regular GSM phone. The low power rod antenna offers high reliability due to a ruggedised design with no moving parts. Due to shading, these units, with rod antennas, are particularly suited to 4WD's rather than motor homes.



TT3062 \$1495.00 (WWP US\$4100.00)

### Big Dish Telephone

The Big Dish Telephone is the ultimate choice for fixed phone installations. The antenna is fully sealed & can be mounted outdoors even in the harshest weather conditions. The Big Dish consumes little power making it ideal for solar powered operation. It can also utilise the low call rates available from a wide range of service providers.



TT3066A \$995.00 (WWP US\$4100.00)

### Compact Carphones

The Compact Carphone is a compact, power conserving, in-vehicle satellite telephone. It possesses an automatic Tracking Antenna. It also has an optional handsfree kit. This phone system is suitable for a variety of vehicles including longhaul trucks to off-roaders & trains. The flexible design of the unit allows easy installation as well as easy access to both fax, aux, phone & data connections.



TT3062D \$2100.00 (WWP US\$5595.00)

## Campersat Satellite Phone Specifications

Product Use	Satellite phone use			
	Immarsat	Mobile Phone	Big Dish	Carphone
Dimensions	52 x 270 x 200mm	200x52 x33mm	200x52 x33mm	A=22mm x 930mm
Weight	2.2Kg	0.25Kg	0.25Kg	0.63Kg
Channel Spacing	1.25kHz	1.25kHz	1.25kHz	1.25kHz
Operating Frequencies	Receive 1525.0-1559.0MHz Transmit 1626.5-1660.5MHz			Receive 1525.0-1559.0MHz Transmit 1626.5-1660.5MHz
Power Supply	10,5-18,5Vdc	10.5-32.0Vdc	10.5-32.0Vdc	10.5-32.0Vdc
Async.Data Rate	Max.2.4kbps	Max.2.4kbps	Max.2.4kbps	Max.2.4kbps
Rx Modulation	5.6kbps O-QPSK SCPC, 6kbps BPSK TDMA	5.6kbps O-QPSK SCPC, 6kbps BPSK TDMA	5.6kbps O-QPSK SCPC, 6kbps BPSK TDMA	5.6kbps O-QPSK SCPC, 6kbps BPSK TDM
Tx Modulation	5.6kbps O-QPSK SCPC, 3kbps BPSK TDM	5.6kbps O-QPSK SCPC, 3kbps BPSK TDM	5.6kbps O-QPSK SCPC, 3kbps BPSK TDM	5.6kbps O-QPSK SCPC, 3kbps BPSK TDMA
Antenna Cable	SMB/SMB Male, max. Cable loss 10dB at L-Band, 0.7ohm at DC	TNC-TNC, MAX.CABLE LOSS 10dB at L-BAND, 1.8ohms at DC	TNC-TNC, MAX.CABLE LOSS 10dB at L-BAND, 1.8ohms at DC	TNC-TNC,Female MAX.CABLE LOSS 10dB at L-BAND, 1.8ohms at DC
G/T	-17dB/K minimum	-7dB/K minimum	-17dB/K minimum	-17dB/K minimum
EIRP	11-17dBW in 2dBsteps	8-14 dBW in 2dB steps	8-14 dBW in 2dB steps	8-14 dBW in 2dB steps
Voice	4.8 kbps AMBE 3.6kbps voice, 1.2kbps FEC	4.8 kbps AMBE 3.6kbps voice, 1.2kbps FEC	4.8 kbps AMBE 3.6kbps voice, 1.2kbps FEC	4.8 kbps AMBE 3.6kbps voice, 1.2kbps FEC
Solar Panel Interface	15-25V DC input			
Fast Charge AC Adapter	90-265 VAC, 40-70 Hz,55W, charge time 2 hours			
Relative Humidity	95% non-condensing at 40 degrees Celcius	95% non condensing at 40 degrees Celcius	95% non condensing at 40 degrees Celcius	95% non condensing at 40 degrees Celcius
SIM Card	GSM like operation.ISO-7816	GSM like operation.ISO-7816	GSM like operation.ISO-7816	GSM like operation.ISO-7816
Purchase-Cost per minute on plan	\$260.00per year with \$180.00 free calls	\$260.00per year with \$180.00 free calls	\$260.00per year with \$180.00 free calls	\$260.00per year with \$180.00 free calls
No Plan	\$2.10 per minute	\$1.70 per minute	\$2.10 per minute	\$2.10 per minute
Rental	\$75.00 per week/ Calls extra-\$2.00 per minute	\$75.00 per week/ Calls extra- \$2.00 per minute	Not for Hire	Not for Hire
Rental Bond	\$350.00	\$350.00	Not for Hire	Not for Hire

**Order Now to benefit from this special offer and enjoy the freedom of the wandering traveller!**

**Call our direct line on (02) 9482 3100 or 1800 226 865**

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