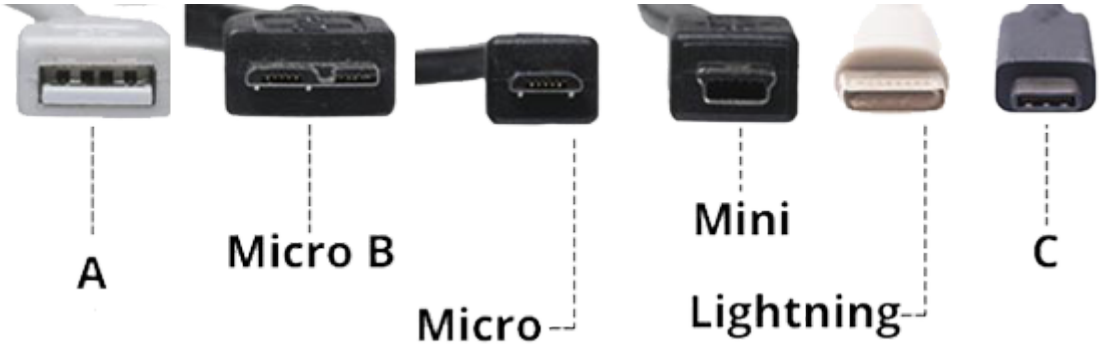
Global™
travel products

What we think every traveller should know about travel adaptors

During my 15 years as a travel accessory supplier I have been asked many questions about the differences between types of travel adaptors, usages, countries in which they can be used and much more. Now with the release of the NEW range of Jackson travel adaptors, these ones with USB-C charging, I would like to provide you with updated information about choices for your electrical travel needs.

Different USB Cables Available



1) **USB-A most common USB**
   (Version 1 White plastic - Version 3 Blue Plastic for high speed data transfer)
2) USB Micro B for high speed data transfer for disc drives and portable modems
3) Micro USB mainly found on older Android devices
4) Mini USB - old connector but still used on many Sony devices
5) Lightning - Mainly used on Apple products
6) **USB-C** Found on Android devices and increasingly Apple computers
   Can be plugged in any way round and can handle higher amperage charging

Without doubt the most popular USB cable is number 1 the USB-A. The USB-C cable will become the default in the coming years simply as it is very robust, can be plugged in any way round and can carry the higher currents from the latest USB chargers.

What is a travel adaptor?
Travel adaptors adapt the plugs of your device/appliance to those of the power socket used in the country you are visiting. *They do not convert voltage.*

What are the design features of an Australian AC Power Plug
Australia uses 2 or 3 pins. Angled flat pins for Active and Neutral and the vertical flat earth pin. Australian standards require that the Active and Neutral pins have protection (usually paint) on the top near the adaptor body so if the adaptor is not pushed in all the way, it is harder to get electrocuted by accidental touching of the pins.

Why do some Australian plugs have only 2 pins and not 3?
The Active and Neutral pins supply the alternating current to your device. The earth pin serves to protect you in the event of a short circuit of your device, and these days are mainly found on the high current drawing items like large laptops, hair dryers and hair straighteners. These items are invariably only capable of working on 240 volts AC. Some items like travel hair dryers have a switch whereby you can select 110 volts or 240 volts. This gives you choice but if the wrong voltage is selected the device will not work and indeed it can be electronically destroyed.

Two pin devices are designed in a way that they do not need an earth connection, and these are items like mobile phones, tablets, eReaders, cameras etc. These items are almost always are capable of automatically operating on either 110v or 240v supply. Always check the compliance labels or embossed information required on each product.

Showroom Open 11.00am - 3.00pm Mon- Fri
Global Travel Products - 17/ 49 Corporate Blvd, Bayswater Vic 3153 **Ph:** 03 9721 8020
Website: *www.globaltravelproducts.com.au* **E-mail:** *info@globaltravelproducts.com.au*

What voltage is used in Australia?
Australian AC voltage is 240 volts compared to say the USA which uses 110 volts. Some devices may state 220v-240v or 100v-110v - being within 10 volts is not an issue.

Why do some adaptors have such large earth pins.
The South African and United Kingdom plugs have large earth pins - South Africa (large round pin) and UK (large square pin). Australian power points are designed to use up to 10 Amps of power but the UK and South Africa sockets can supply 15 Amps of power so they need larger earth pins.

How do I know if my item is manufactured to the appropriate Australian electrical standards?
All electrical products, including adaptors, sold in Australia need approval to show they meet the Australian Electrical Authority standards and are required to have a compliance plate, label or embossed information stating:

- Supply Voltage - 240 volts
- Maximum Loading - usually 10 Amps
- Approval Number eg NSW23951
- Country of manufacture - these days most often China or Vietnam

If your device or adaptor does not have this information then you run the risk of it failing and you may not have any rights for insurance claims eg if a fire starts as a result of using an unapproved product.

Why are there two or more adaptors recommended for use in some countries
In Australia the AC power is 240 volts. In countries like Vietnam and Bali for instance they use 240 volts in the big cities and major hotels, so mainly use a Euro Adaptor. Travel to small villages in the country and the power supply may be 110 volts AC, and they generally use a USA/ Japan adaptor with flat pin plugs. If unsure check with your accommodation or host.

Many travellers travelling to the UK, and who stay in hotels only need the European adaptor, as the hotel obviously caters for European tourists. The UK sockets are used in private housing as well as hotels, so if staying in private accommodation or a Guest House/Airbnb, then you would most likely need to take a UK adaptor as well.

Our Most Comprehensive Range of Travel Adaptors

The most popular models of Travel Adaptors sold by Global Travel Products - www.globaltravelproducts.com.au

- Models with AC power sockets adapts the pins to suit the overseas power socket. **I would like to stress that these adaptors do not convert voltage.**
- Models with USB adaptor/s that adapts the AC voltage and converts it to DC 5.1 volts for USB devices.
- Online travel adaptor guides https://www.globaltravelproducts.com.au/store/category/travel-adaptors.html then select the destination or country here https://www.globaltravelproducts.com.au/travel-adaptors/guide

Showroom Open 11.00am - 3.00pm Mon- Fri
Global Travel Products - 17/ 49 Corporate Blvd, Bayswater Vic 3153 **Ph:** 03 9721 8020
Website: *www.globaltravelproducts.com.au* **E-mail:** *info@globaltravelproducts.com.au*

Standard Travel Adaptors

	Standard overseas travel adaptors ,commonly called by the main countries they are used in but not limited to: **Euro, USA, UK, Japan, South Africa and India.** Some counties have both 110v AC and 240V AC electrical supplies so click on the adaptor guides above to see whether you need to purchase more than one adaptor. Alternatively contact the accommodation in the country you are visiting to confirm what you need.

Dual Travel Adaptors

		Our range of Double Adaptors allow you to use two Australian plug devices at once for convenience rather than purchase two seperate adaptors. **Euro, USA & UK models only**

Travel Adaptors with 1 Amp USB Charging

	We have models that have one Australian 240 volt AC power socket and one USB-A (standard USB) socket supplying 1 Amp of USB charging current: **Euro, USA, UK, Japan, South Africa and India.** 1 Amp USB charging current is enough to charge a standard mobile phone. You can charge a tablet that requires 2.1 amps but it will take twice as long, so it is best used for overnight charging.

Our **NEWEST** range of Travel Adaptors - USB-A and a USB-C

	**Euro, USA & UK models only** One AC socket and one USB-A (regular USB) charging socket & 1 x USB-C charging socket. (USB-C is increasingly found on many devices and tablets) It is capable of handling a higher current for fast charging. These USB adaptors can supply 2.1 Amps Fast Charge if one socket is used or 1 Amp each if both are used at once. 2.1 Amps is enough to charge a tablet just as fast as the original charger, if that's the only item you are charging. If charging two devices at once be aware they may take a little longer than the original manufacturers chargers, so we suggest overnight charging.

Overseas Travel Adaptor with 4 x USB charging outlets

	**Euro, USA & UK models only** 3.1 Amps of Fast Charge spread across 4 USB charging sockets as well as an Australian AC Power Socket.

	**Euro, USA & UK models only** Korjo overseas travel adaptors with USB are slightly different. The two USB Fast Charge supply is 2.4 Amps Total The USB adapter can be used in Australia. Included with each USB adaptor is the appropriate standard adaptor suitable for use overseas eg UK, USA or Europe.

Adaptor for use in Australia with two USB charging outlets.

	**Adaptor with USB that plugs into an Australian Power Socket** These USB adapters are designed for use in Australia. Whilst still giving access to a standard AC power outlet you have access to up to 3.1 Amps Fast Charge for the 2 USB outlets. You can then use a standard travel adaptor that you may already have to be able to use the USB charger adaptor overseas.

Universal Travel Adaptor - 150 Countries

This is our Universal Travel Adaptor. It is suitable to use in over 150 countries. **It can only accept a two pin Australian plug eg chargers for mobile phone, tablet, camera etc.** The reason for this is that Australian Electrical Authorities will not approve any device that allows the earth connection to be pulled apart eg when changing the plug from USA to European or UK. As there is no earth pin going in there is no need to have one on the other side. The UK earth pin shown is non conductive plastic and is only used to stabilise the adaptor in the socket due to its weight.

The earth connection in products is there to save you from electrocution. If you can break the connection by simply swapping the plugs then the earth may not reconnect. We have the toughest regulations in the world for good reason - SAFETY

There are many examples of multi adaptors being available on websites such as eBay. Without doubt the majority are not approved and are built for a price. China manufacturers will use thin coatings on connections to save cost. These connections can overheat with a 10 Amp load then short circuit or make the current surge. This then can overload the charging cable and cause a fire or electrically destroy your expensive mobile phone or tablet.

On a side note cheap charging cables often now cannot handle the increase in the Amperage (Current) that modern day phones and tablets can draw from increasingly powerful charging devices. The cables can overheat and melt. We recommend only buying name brand cables preferably with a power rating.

USB only Travel Charger/Adaptor

Power and Fast Charge your USB powered devices internationally or in Australia. This charger features 7 Amp Fast Charging spread across 5 x USB power outlets. Compatible with a range of mains outlets using the included international plug adaptors for 150 countries, **including Australia**, and it switches voltage automatically.

- Supply Rating: 100-240VAC - 50/60Hz
- USB Outlet: 5VDC - 7Amps