

## Shortwave Converter for AM Car Radios

For mobile reception of Northern Territory Shortwave services on 4835, 4910, 5025 KHz

Code: C-CONV-SW5-CAR



### Description:

- A Shortwave converter for vehicle AM Car Radios. Receives ABC and Northern Territory Radio Services on the following frequencies; 4835KHz Alice Springs (Day & Night), 4910KHz Tennant Creek (Day Only), 5025KHz Katherine (Day Only).
- Easy to install between your car radio's antenna socket and the antenna. Shortwave reception occurs with your Car's existing AM Antenna. For the best reception range, we recommend the optional Tuned Helical Whip, refer below.

### Specifications:

- Rugged diecast housing, drift free crystal locked conversion, offering excellent reception quality.
- 12 Volt DC powered negative ground. (Current is <50mA@13.8v DC). A 24v model available on request.

### Supplied accessories:-

- 1 x C-CONV-SW5-CAR Shortwave Converter and Instruction Sheet
- 1 x DC Power Cable with integrated fuse holder and 500mA Fuse
- 1 x 0.5m cable BNC to Car Radio Plug

**Optional:** 1 x C-WHIP-HF5 Tuned Helical whip and base, including 3m coax cable with BNC connector.

### Operation / Installation:

1. Connect in-line with your Car Radio Antenna (we recommend using a 1.4-1.8m Stainless Whip) or if you have the optional HF Whip antenna, plug it into the "HF Whip" socket, antenna changeover is automatic.
2. Connect the DC lead blue wire to -ve or vehicle ground and the +12v brown wire to a spare or newly fitted dashboard switch ( not supplied ) that has a fused (1 Amp) 12 volt supply available.
3. Apply power to activate the converter; AM / FM Reception should disappear and Shortwave Reception will be possible on your radios AM band, see table below. (Tuning is 9 KHz step compatible.)
4. Normal AM / FM operation of your radio is restored by turning off power which bypasses the converter.
5. Program the following AM frequencies into the Car Radio and choose the strongest station.
6. A dashboard channel sticker listing the stations is provided for your convenience.

Car Radio Setting	Shortwave Frequency	Shortwave Station
AM - 1179KHz	4835KHz	Alice Springs - Day & Night
AM - 1251KHz	4910KHz	Tennant Creek - Day Only
AM - 1368KHz	5025KHz	Katherine - Day Only
AM - 1395KHz	5050KHz	

**Notes:** 1/ Shortwave reception is subject to the effects of signal propagation, local interference and the time of day. Interference from vehicle Electronic / Electrical system can cause problems, so for the best results, we recommend mounting the antenna well away from potential sources of interference.

2/ Other Shortwave services may be available in your reception area, so tune around to find them.

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