

## AUSTRALIAN 27MHz & HF CB/PERSONAL RADIO SERVICE CHANNEL ALLOCATIONS

In Australia, although there is no individual licence needed to use this equipment, it is still governed by the **Radiocommunications (Citizens Band Radio Stations) Class Licence** and the **Radiocommunications Act**. Under this Federal legislation certain channels have been reserved for specific use. Some other channels have also been designated for certain uses by general agreement. **These are National allocations** – there may be channels used locally for other purposes, however these uses are not part of the **legislated channel allocations**.

### 27MHz Band

Channel shown is for 40 (and 23 channel sets).  
Equal channel for 18 channel sets is shown in [brackets].

Channel	Allocation
8 [4] <sup>2</sup>	Road Channel
9 [5] <sup>1</sup>	Emergency Channel
11 [6] <sup>1</sup>	Call Channel (AM mode)
16 [12] <sup>1</sup>	Call Channel (SSB mode [LSB])
35 <sup>3</sup>	DX Call Channel (LSB)

1 to 15	AM mode only <sup>3</sup>
16 to 40	SSB modes only (LSB or USB) <sup>3</sup>

### UHF Band

80 channel sets use the same allocations for the first 40 channels as 40 channel sets.

Channel	Allocation
1 to 8 <sup>1</sup>	Repeater band 1 output
31 to 38 <sup>1</sup>	Repeater band 2 input
5 & 35 <sup>1</sup>	Emergency Channels
11 <sup>1</sup>	Call Channel
22 & 23 <sup>1</sup>	Data only (no voice)
40 <sup>2</sup>	Road Channel
41 to 48 <sup>1</sup>	Repeater band 2 output
71 to 78 <sup>1</sup>	Repeater band 2 input
10 <sup>3</sup>	4WD clubs
18 <sup>3</sup>	Caravan and Campers

- <sup>1</sup> **Legally designated channel(s).** These are designated for this use in the Class Licence. Use of these channels for any other purpose is illegal and can incur heavy penalties.
- <sup>2</sup> **Legally recommended channel.** These are not legally allocated by the Class Licence but are recommended for the use indicated.
- <sup>3</sup> **Generally accepted use (no legal recognition).** These are designated through general acceptance by the band users only.

**Emergency Channels:** 27MHz channel 9, and UHF channels 5 AND 35, have been designated by the Class Licence for emergency use only. On the UHF band channel 5 is designated as the primary emergency channel, and is the channel used either in simplex mode, or when using a repeater (range extender or duplex). UHF channel 35 is used by all 5/35 emergency channel repeater systems as the input to the repeater. Therefore, the misuse of UHF 35 can totally block a 5/35 emergency repeater rendering it useless to the community.

**Repeater Channels:** Repeater (range extender) systems need two channels to work. The higher channel is the input whilst the lower is the output and the channel by which repeaters are known. Although the Class Licence allows the use of repeater channels for general chat when not within range of a repeater (except channels 5 and 35), as signals can travel vast distances it is safest to avoid all repeater input channels.

**UHF 40 & 80 Channel:** The UHF band was extended from 40 to 80 channels, however the first 40 channels of the new 80 channel allocation is the same as the old 40 channel allocation.

---

For more information on CB regulations, contact the **Australian Communications & Media Authority**:  
Telephone 1300 850 115 or internet [www.acma.gov.au](http://www.acma.gov.au)

Or contact  
**Australian Citizens Radio Emergency Monitors Inc. (ACREM)**

Phone: 0448 13 66 13

Email: [info@acrem.info](mailto:info@acrem.info)

Web: [www.acrem.info](http://www.acrem.info)