

VKS-737 Radio Network

A division of the Australian National 4WD Radio Network Inc.



Established 1993

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Type Approved Land Mobile radio equipment for use on the VKS-737 Radio Network

Equipment used on the VKS-737 Radio Network must be Type Approved for use on Land Mobile frequencies and must comply with standards as laid down by the Australian Communications and Media Authority and its predecessors.

Relevant Standards include:

- RB 209 (December 1970, January 1974, January 1976),
- DOC 209 (October 1988), ECR 209 (April 1992),
- Radiocommunications (MF and HF equipment – Land Mobile Service) Standard 2003,
- Australian / New Zealand Standard AS/NZS 4770:2000

Compliance with the relevant standards will either take the form of a compliance label or plate on the equipment.

Important aspects of equipment authorised for use under the Land Mobile Licence are:

- Must meet the technical requirements (i.e. transmit power, frequency stability, spurious emission limits etc.)
- Must be suitable for operation by unskilled persons,
- Must not operate, or permit operation of, the transmitter except on frequencies as specified in the licence.
- The use of amateur radio equipment modified to allow transmission on Land Mobile frequencies is **prohibited**.

Further information on licensing conditions can be found in the Radiocommunications Act No. 174 of 1992 and Radiocommunications Licence Conditions (Land Mobile Licence) Determination No. 1 of 1997.

Examples of Type Approved Radio Equipment for use on the VKS-737 Radio Network

Selcall Equipped				
Barrett 250	Barrett 530	Barrett 550	Barrett 930	Barrett 950
Barrett 2040	Barrett 2050	Barrett 2090	Barrett 4050	
Codan 2110	Codan 2110V	Codan 8528	Codan 9313	Codan 9323
Codan NGT AR	Codan NGT ARV	Codan NGT SRx-AUS	Codan Envoy X1	Codan Envoy X2
Icom F7000	Icom F8100	Icom F8101		
IPC HF106	Kimberley HF106	RFK HF106	Wormald HF106	
Q-Mac HF90 Advanced				

Selcall Optioned				
Barrett 220	Barrett 225			
Codan 8525				
IPC HF105	Kimberley HF105	RFK HF105	Wormald HF105	
Q-Mac HF90 Basic				

Non - Selcall				
Codan 6801	Codan 6924	Codan 7303	Codan 7515	Codan 7727
Codan 8727	Codan 9105 (X2)	Codan X2 (9105)		
PCM Hawk				
Scout	OEM Scout	Pencom Scout	Tracker Scout	Traeger Scout
Stingray 120				
Tracker 5x5	Traeger 5x5	Tracker Lynx	Traeger Lynx	
Traeger Safari 50, 100	Traeger SSB 50, 100			
Wagner 1729	Wagner C1-25	Wagner LX1100	Wagner LX1900	

Any of the above Selcall optioned or Non-Selcall radios can be fitted with a Jenal SC2 Selcall/Telcall Microphone or a Jenal SC3 Telcall Microphone to enable selcall contact with VKS-737 Bases.

Overseas (9360) or Marine (9390) variants of the Codan 9323, and Overseas (SR & VR) variants of the Codan NGT are **NOT** type approved for use in Australia and cannot be used on the VKS-737 Radio Network.

It is an offence, and subject to a civil penalty, to operate a radiocommunications device otherwise than as authorised by a spectrum licence, apparatus licence or a class licence (section 46 of the Act). The Act prescribes the following maximum penalties for the offence:

- if the radiocommunications device is a radiocommunications transmitter, and the offender is an individual – imprisonment for 2 years;
- if the radiocommunications device is a radiocommunications transmitter, and the offender is not an individual – 1,500 penalty units (which is \$333,000 based on the current* penalty unit amount of \$222);
- if the radiocommunications device is not a radiocommunications transmitter – 20 penalty units (\$4,400).

The Act prescribes the following maximum civil penalties:

- if the radiocommunications device is a radiocommunications transmitter – 300 penalty units (\$66,600);
- if the radiocommunications device is not a radiocommunications transmitter – 20 penalty units (\$4,400).

It is an offence, and subject to a civil penalty, to possess a radiocommunications device for the purpose of operating the device otherwise than as authorised by a spectrum licence, apparatus licence or class licence (section 47 of the Act). The Act prescribes the same penalties for this offence and civil penalty contravention as for the offence and civil penalty contravention in section 46.

*Current as at May 2022