

Talk Groups - VK DMR Network			
Talk Group	Time Slot	Description	Function
TG9990	Both	Parrot (Hotspot: use TS1, Repeaters: use TS2)	Repeats your signal back to you, for testing audio levels.
TG99	TS1	Simplex	Radio to radio - no network/hotspot required.
TG1	TS1	World-Wide	Keys world-wide repeaters connected to the DMR network on TG1
TG3	TS1	US Wide	US Wide
TG5	TS1	NETS	Nets/Broadcasts only
TG8	TS1	Defined Repeater Groups	Keys repeaters in defined groups (See Defined Groups)
TG9	TS1	Local	Keys local repeater only.
TG13	TS1	World-Wide English	World-Wide English
TG30	TS1	JOTA	Jamboree of the Air (Scouts) (available for general use outside JOTA times).
TG53	TS1	Chat	Chat channel
TG113	TS1	US Wide	US Wide
TG123 WWDX	TS1	WW DX	World-Wide DX
TG133 WWDX	TS1	WW DX	World Wide DX
TG8636 TAC310	TS1	TAC310	US Technical Talk Group
TG8409 CQ-UK	TS1	CQ-UK	Phoenix Network in the UK
TG8541 Quadnet	TS1	Quadnet	Quadnet
TG8851	TS1	South Pacific	South Pacific and "some" ZL Repeaters
TG505	TS2	VK DMR 505	All VK repeaters and hotspots
TG3800 (new)	TS2	Chat	Chat Channel
TG3801	TS2	VK1	VK1 state based TG
TG3802	TS2	VK2	VK2 state based TG
TG3803	TS2	VK3	VK3 state based TG
TG3804	TS2	VK4	VK4 state based TG
TG3805	TS2	VK5	VK5 state based TG
TG3806	TS2	VK6	VK6 state based TG
TG3807	TS2	VK7	VK7 state based TG
TG3808	TS2	VK8	VK8 state based TG
TG3809	TS1	Chat	Chat channel
TG3810	TS1	WICEN	WICEN (Chat when not required by WICEN)
TG1910 (new)	TS1	Amateur Radio NSW	Links ARNSW funded Repeaters in NSW
TG1911 (new)	TS1	Amateur Radio NSW	Links ARNSW funded Repeaters in far Nth Qld
TG1921 (new)	TS1	Scout Victoria Repeater	

TG1922 (new)	TS1	Scout Victoria Repeater	
TG1923 (new)	TS1	Scout Victoria Repeater	
User Activated	TG505	Static Talkgroups	Nets

Using Talkgroup 8.

Unlike talk group 380x (slot 2) which divides the country by state, Talkgroup 8 (slot 1) divides the country into specific regions (see list below). Also, because TG8 uses slot 1 it can operate without affecting TG505 or any of the TG380x talk groups that use slot 2.

When using a repeater, simply select TG8 and the region will be determined by the location of the repeater you are accessing. I.e if the repeater is part of a regional TG8 group, using TG8 will automatically key all repeaters in that group

e.g. The Port Macquarie repeater VK2RCN is part of the NSW Central Coast and Mid North Coast region. If you use TG8 on VK2RCN you will automatically key all DMR repeaters in the NSW Central Coast and Mid North Coast region.

Using TG8 from a Repeater		
Using TG8 through any repeater within a defined region will key all repeaters within that region.		
TG	Regional Repeater Accessed	Regional Repeaters Keyed
8	VK7 Hobart & Launceston	VK7 Hobart & Launceston
	All Sydney, West and North	All Sydney, West and North
	Southern VK2 and VK1 - Highrange, Goulburn, Yass, Bombala and Canberra	Southern VK2 and VK1 - Highrange, Goulburn, Yass, Bombala and Canberra
	VK3	VK3
	South/East Qld	South/East Qld
	All Central Coast, Hunter Valley, Newcastle & Mid North Coast repeaters – Somersby, Hunter Valley, Newcastle, Nelson Bay, Upper Myall & Port Macquarie.	All Central Coast, Hunter Valley, Newcastle & Mid North Coast repeaters – Somersby, Hunter Valley, Newcastle, Nelson Bay, Upper Myall & Port Macquarie.

When using a Hotspot the system cant determine a specific region so you need to manually choose the desired region by selecting the specific 'TG8/x' regional talkgroup. These are TG10008 (TG8/1) to TG80008 (TG8/8) as listed below. e.g. to talk to all DMR repeaters on the NSW Central Coast and Mid North Coast region from a Hotspot, select TG80008 (TG8/8).

You can also use any of these specific talkgroups through any repeater to key regions outside your repeaters own region. e.g. use TG10008 (TG8/1) on your repeater to access the VK7 Hobart & Launceston regional repeater group.

Using TG8 from a hotspot or to access regions outside your repeaters TG8 control

Use one of the following talkgroups to manually key repeaters within the defined region.

TG	Common Name	Defined Groups
10008	TG8/1	VK7 Hobart & Launceston
20008	TG8/2	All Sydney, West and North
30008	TG8/3	Southern VK2 and VK1 - Highrange, Goulburn, Yass, Bombala and Canberra
50008	TG8/5	VK3
60008	TG8/6	South/East Qld
80008	TG8/8	All Central Coast, Hunter Valley, Newcastle & Mid North Coast repeaters – Somersby, Hunter Valley, Newcastle, Nelson Bay, Upper Myall & Port Macquarie.

TIPs

After making contact on TG505 it is recommended to QSY to another talkgroup. Whether you are accessing the network via a repeater or a Hotspot you should choose a talk group that keys up the *minimum* number of repeaters – this will ensure that the maximum number of users can access the network.

- TG9 on slot 1 can be used to work the another station on your local repeater only.
- TG8 on slot 1 can be used through your local repeater to work other stations within your region.
- TG3809, TG3810 or TG53 on slot 1 or TG3800 on slot 2 can be used to connect individuals from different locations together via their own local repeaters.

TG3801 - TG3808 on slot 2 are state and territory based talkgroups where the trailing digit is the VK call area. You can select any TG380x talkgroup from anywhere in Australia to key repeaters within that chosen State/Territory leaving repeaters in other states clear - i.e. use TG3802 to access all VK2 repeaters, etc. Be aware that using a TG380x talkgroup will holdup slot 2 for all repeaters within that State/Territory thereby preventing other stations in your state from calling on TG505. The inter-state link disconnects automatically if there is no activity for 15 seconds.

TG9990 on slot 2 accesses a Parrot repeater. A transmission on TG9990 is repeated back to you and can be used to check your audio.