

Auscycling Radio Frequency

Auscycling has registered two dedicated National frequencies for installation on many two-way radios.

The introduction of these frequencies, registered through Auscycling, reduces the cost of licensing multiple frequencies, and increase efficiencies across all states/territories and clubs, and across all disciplines.

The attached information will provide the critical information for any initial programming or reprogramming of radios including the minimum hardware specifications needed for reprogramming.

Refund of legacy ACMA license

If radios are reprogrammed with the AusCycling frequencies, you can apply to receive a refund on the balance of a current legacy license.

Requests for refunds of the pro-rata amount remaining can be sent to info@acma.gov.au

ACMA will provide a direct transfer if bank account details are provided, or they will mail out a cheque.

Programming Information

Frequencies:

Frequency	Area Name	Suggested Display Name
450.112500 MHz	Australia-Wide	Auscycling 1, Auscyc 1, AC 1
485.112500 MHz	Australia-Wide	Auscycling 2, Auscyc 2, AC 2

Additional license information is provided in the attached ACMA license extracts.

Some radios may be able to display a name for each frequency. Assign 1 for the 450 MHz frequency name, and 2 for the 485 MHz frequency name.

Suggested display names are shown in the frequency table above.

Level 12
459 Little Collins Street
MELBOURNE VIC 3000
PO Box 445
Collins Street West VIC 8007
www.auscycling.org.au
info@auscycling.org.au
1300 137 397
ABN 70 644 149 351
ACN 644 149 351

TCM Code

Radios programmed with the Auscycling frequencies should use the same TCM Code. Also known as Continuous Tone-Coded Squelch System (CTCSS), having the same TCM Code means that radios programmed by other dealers can be used at the same event.

An example of this would be the combined use of radios from VIC or QLD at a major event in NSW. Even with the same Auscycling frequencies programmed, if the TCM Code is different the radios will not be able to communicate with each other.

When the radios are programmed with the Auscycling frequency please ask that they use:

TPL 67.0

Note – clubs and private promoters can choose to retain their own TPL code, however these radios may not work along with other radios at Auscycling events.

ICOM radios have selectable tones, meaning the user can change the TPL code manually. Please check your ICOM instruction manual.

Minimum Frequency Requirements

To use these frequencies radios must have the following available frequency range:

UHF 403 – 527 MHz

Where to reprogram your radios

Radios with legacy frequencies can be reprogrammed at any radio communications provider.

The process should take approximately 1 – 2 hours to complete. Please allow 24 hours if dropping radios off at a programmer.

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National Radio Programmers

TR Hire

<https://www.trhirecom.com.au/>

TR Hire are radio communication infrastructure specialists, based capital cities across Australia (plus Newcastle and Townsville, exclusive of Tasmania). TR Hire will provide the programming service for approximately \$15 per unit.

CSE-Crosscom

<https://cse-crosscom.com.au/>

Radio programmers based across Australia (excluding NSW and Queensland), with similar pricing to TR Hire

Questions?

events@auscycling.org.au