

LIBERATOR III™ RACE™ AND SMARTPHONE FEATURES

TCI's unique radio audio channel enhancement (RACE) feature for the Liberator III™ headset brings *stereo audio* to dual radio tactical systems. The industry's answer up to now has been that the system directs traffic from one radio to one earcup in the headset, and traffic from a second radio to the opposite earcup. This approach has one major weakness the incoming traffic is mono rather than stereo.

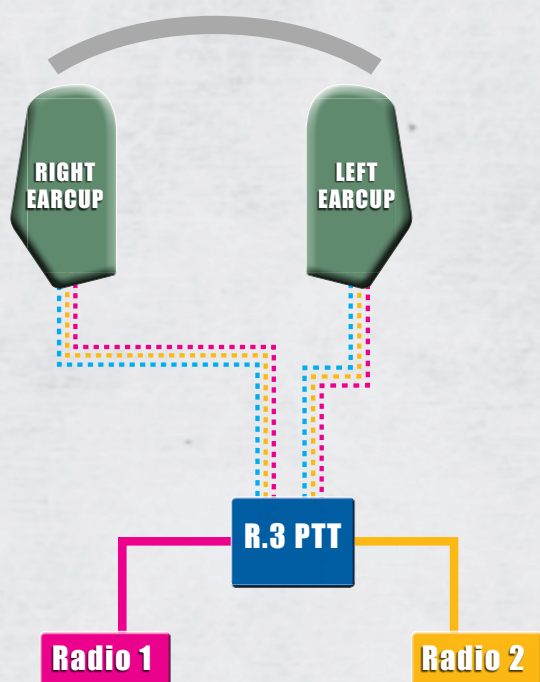
The patent-pending RACE feature is an 'under the hood' modification that enhances the radio audio for single or dual radio usage. Specifically, this feature provides stereo audio to the user when a single radio is in use, while directing audio traffic to the left or right ear cups when two radios are in use. This feature is offered as a purchased upgrade for TCI's Liberator series of tactical headsets when used with TCI's R.3 Push-to-Talk systems.

The smartphone feature is available for all Liberator III(tm) headsets with the R.3 Push-to-Talk system. A separate adapter cable can be purchased which allows the smartphone to connect via the R.3 PTT.



RADIO AUDIO CHANNEL ENHANCEMENT (RACE)

PATENT PENDING



Split Audio when both radios are in use

Radio 1 > Right Earcup Radio 2 > Left Earcup

Stereo when one radio is in use

Radio 1 Stereo > Right & Left Earcups

Radio 2 Stereo > Right & Left Earcups



LIBERATOR III HEADSET

WITH R.3 DUAL COMM PTT WITH RACE FEATURE

PATENT PENDING

TACTICAL BENEFITS OF THE RACE:

- Supports better hearing when there is hearing loss in one or both ears
- Enhances the clarity of weak signals and broken traffic
- Provides stereo audio even when a single radio is being used

As the tactics continue to move toward a trend of small unit leaders carrying two personal radios, there is a need to manage the communications traffic from these radios. The answer is TCI's RACE feature.

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