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RAC HEADSET

RAIL ATTACHED COMMUNICATIONS



TEAHEADSETS.COM

Streamlined Rail Mounted Communications for Ops-Core Helmets...

The new Rail Attached Communications (RAC) headset from Ops-Core® revolutionizes soldier communications by seamlessly integrating low profile rail-mounted design with true 3D hearing technology (3DHT), not yet seen in military COMMs systems. Designed as an integral component of the Ops-Core® helmet system, the RAC Headset integrates with other helmet components for optimal system level performance. This, together with its advanced 3D HT and other unique capabilities provide improved hearing protection and situational awareness for the soldier. The RAC headset currently works with Ops-Core Maritime, FAST® High Cut, and Sentry helmet models.



RAC Headset Technical Specs:

- Colors: Tan or Black
- IP68 - Submersible to 2 meters
- Rated to MIL-STD 810F/G
- Wearing Options: Helmet Mounted
- Operating Life: 100 hrs w/ 2hr Auto Off
- Battery Type: AAA
- Protection Type(s): Foam Pad/Foam Tip
- Hearing Protection: 21NRR
- Hear Pro with Ear Buds: 34NRR
- Cable Type: Straight Cable with in-line break-away
- In-Line Breakaway Strength: 9 ±2 lbs
- Headset Connector Types: For V60 or U94 PTT



SMART POWER USE

The RAC has an AUTO-OFF feature that turns off hear-thru after 2 hrs of inactivity. 2 AAA batteries provide 100 hrs of use. (AAA Battery installs under each ear cup)



Inductance Receiver Ear Buds (optional)

An optional version of the RAC Headset features additional Ear Buds that can be worn under the ear cups. This version of the RAC has coils embedded into the ear cups that drive high quality audio into the Receiver Ear Buds via Near Field Magnetic Induction. This unique technology provides an un-tethered double layer of hearing protection, a level even greater than those found in typical ANR headset systems. By using the simple 3 button audio controls located on the outside of the left ear cup you have the ability to switch audio between the ear cup speaker and the Ear Buds.

Advanced Hear-Thru Audio Controls

The RAC has easy to locate situational audio controls on the left ear cup. This allows for on the fly volume adjustments to your hear-thru audio as well as switch audio output between the ear cup or the option Inductance Ear Buds. The RAC has a patented ear simulator design paired with an advanced audio processing DSP that delivers high quality audio and provides accurate 360° situational awareness.

Optimal Comfort and Fit

The RAC attaches to the rear of the FAST Slide Rails leaving the top portion of the rails free for other mounting accessories, such as lights or cameras. The RAC's unique articulation arms and latch release ensure the highest level of headset security even when hit with objects. Ergonomically designed, the RAC provides superior comfort with features like the contoured ear cushions.

Single Point Gimbal Attachment

The single attachment point to the RAC's ear cups allows the headset to pivot and automatically position over the ear to create a strong but comfortable seal against the head.

SINGLE POINT ATTACHMENT

Removable/Ambidextrous N/C Boom Microphone

The RAC features a submersible noise canceling boom microphone that can be installed on either the right or left side and even allows the use of an auxiliary O2 cable for military free fall applications.



IN-LINE QUICK DISCONNECT



ADJUSTMENT ARM/LATCH

Articulation Arm Adjustment Modes

The Adjustment Arm allows for the headset/ear cups to be adjusted into several different positions. This includes **On-Ear** against the head during use, **Over-The-Ear** which positions the ear cups off the ear and **Stowed** which positions the entire headset behind the head.

Quick-Release Down Lead Connector

The Helmet with Headset assembly can be quickly disconnected via the inline breakaway connectors of the RAC. This allows easy doffing of the helmet without un-routing the cables from your body armor or tactical vest.



RAC HEADSET PUSH-TO-TALK OPTIONS



GEN 2 U94 SINGLE RADIO PTT

Single Radio User

TEA's GEN2 U94 Push-to-Talk switch is one of the most popular PTT's on the market. The U94's rugged and contoured design allow it to be easily accommodated onto almost any type of vest or uniform and features a removable back clip that allows for right or left side wear. To prevent the ingress of water or debris into the input socket, the U94 has a protective boot that seals around the headset connector.

An optional screw-on protective cover (Part No. WPC) is available for all TEA U94 Push-to-Talk versions. The WPC recesses the PTT button to prevent hot-mic or accidental keying.



Part No. U94/P3 (as shown)

Optional Screw-On Protective Cover

Part No. WPC (as shown)

DUAL COM U94 DUAL RADIO/DEVICE PTT

Dual-Com User

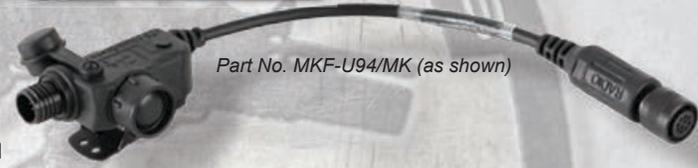
If you're looking for a lightweight and rock solid dual-com push-to-talk then look no further. The Dual-Com U94 can be configured however you need it to be. Some of our most common configurations include:

- Radio + Radio
- Radio + Vehicle ICS (VIC3)
- Radio + Aircraft ICS
- Radio + Mobile Phone

Additional configurations are available upon request. *Minimum order quantity required.



U94 H2O PTT FULLY SUBMERSIBLE PTT



Part No. MKF-U94/MK (as shown)

U94 - AUX AUXILIARY INPUT

Auxiliary Input

TEA U94 Push-to-Talks can be configured to have a ruggedized auxiliary input port, which is recessed to provide a strong seal, for connected secondary devices such as one of TEA's Auxiliary Push-to-Talks or an O2 mask mic. The Auxiliary Input (Part No. MJ-113C) can be put on single or dual U94 versions and features a protective cover when the input is not in use.

Auxiliary Input with Protective Cover

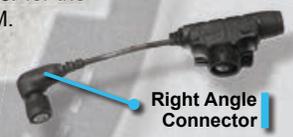


Part No. MJ-113C (as shown)

Recessed Input Socket

Go fully submersible with U94 H2O!

The H2O version of the U94 Push-to-Talk gives you the ability to communicate in or out of the water. Our H2O PTT's are IP68 rated and submersible down to 10 - 20 meters. This version of the U94 has a 10-pin maritime headset input that creates a water-tight connection. We offer single and dual radio versions as well as a special 90 degree radio connector for the maritime version of the PRC 148/JEM.



Right Angle Connector

AUXILIARY PTT OPTIONS FOR U94 PTT



GEN 2 HALO
REMOTE HAND PTT



T-SWITCH
REMOTE PALM PTT



INVISIO M30
REMOTE FINGER PTT

INVISIO® V60 advanced HEADSET system



INVISIO® V60 Control Unit/PTT

The INVISIO V60 allows you to seamlessly control up to 3 independent radios/devices at once. The V60 can accommodate multiple types of headsets and utilizes modular interface cables that provides compatibility with almost any type of radio, com device or ICS on vehicles/aircrafts.

The V60 is fully submersible and is available in non-wireless or a wireless version that includes a dual radio wireless PTT (M80) that allows you to remotely key up from the rail of your rifle.

TRY THEN BUY WITH OUR 30 DAY EVAL PROGRAM

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