

## Bone Conductive Microphone Headset, F2X-TREM / F1SF Helmet, NEXUS 4

Specification	Description
Overview	<p><b>Communication headset for integration in Gallet F2X-TREM/F1SF helmet</b></p> <ul style="list-style-type: none"> <li>✔ One or two loudspeakers, in housing with mounting clips</li> <li>✔ Bone conductive microphone, inserted in the ratchet net</li> <li>✔ Coiled downlead Cable with NEXUS type (7.1 mm jack, 4 pole) connecting plug</li> </ul>
Interoperability	<ul style="list-style-type: none"> <li>✔ Operates with various Push-to-Talk (PTT) modules, such as MSA HandyCom, enabling connection to the PMR radio. Connection through a NEXUS type plug</li> </ul>
Technical Specifications	<ul style="list-style-type: none"> <li>✔ Microphone: Accelerometer, 100 Hz – 10 kHz, Sensitivity 1 V / 0,5G</li> <li>✔ Loudspeaker: 32 Ω, 20 Hz – 3 kHz, max power 100 mW</li> <li>✔ Down lead Cable: Fire retardant, shielded cable</li> <li>✔ Housing: Polyamide (PA6), Fire resistant (V0)</li> <li>✔ Operation Temperature: -20°C to +65°C, humidity &lt; 98%</li> </ul>
Weight	<ul style="list-style-type: none"> <li>✔ Standard version (1 speaker): 55 ± 10g</li> <li>✔ Premium version (2 speakers): 70 ± 10g</li> </ul>
Testing	<ul style="list-style-type: none"> <li>✔ EMC performance: ESD/EMI: 10 V/m</li> <li>✔ Ingress Protection testing: IP56 (tested inside the helmet)</li> </ul>
Ordering Information	<ul style="list-style-type: none"> <li>✔ GAY10103132116000 Headset, Gallet F2X-TREM/F1SF, Bone conductive Microphone, 1 Speaker</li> <li>✔ GAY10103132126000 Headset, Gallet F2X-TREM/F1SF, Bone conductive Microphone, 2 Speakers</li> </ul>



Headset, 1 speaker



Bone conductive sensor mounted inside helmet



Speaker mounted inside helmet



Bone conductive sensor



Speaker module



Connecting NEXUS plug, headset to PTT