

Bone Conductive Microphone Headset, GALLET FIXF helmet, NEXUS 4, ATEX

Specification	Description
Overview	<p>Communication headset for integration in GALLET FIXF helmet</p> <ul style="list-style-type: none"> ✔ One or two loudspeakers, in housing with mounting clips ✔ Bone conductive microphone, inserted in the front headband padding or in the suspension (pocket delivered with the headset). ✔ Coiled downlead Cable with NEXUS type (7.1 mm jack, 4 pole) connecting plug
Interoperability	<ul style="list-style-type: none"> ✔ Operates with various Push-to-Talk (PTT) modules, such as MSA HandyCom, enabling connection to the PMR radio. Connection through a NEXUS type plug
Technical Specifications	<ul style="list-style-type: none"> ✔ Microphone: Accelerometer, 100 Hz – 10 kHz, Sensitivity 1 V / 0,5G ✔ Loudspeaker: 32 Ω, 20 Hz – 3 kHz, max power 100 mW ✔ Down lead Cable: Fire retardant, shielded cable ✔ Housing: Polyamide (PA6), Fire resistant (V0) ✔ Operation Temperature: -20 °C to +65 °C, humidity < 98%
Weight	<ul style="list-style-type: none"> ✔ Standard version (1 speaker): 60 ± 10g ✔ Premium version (2 speakers): 85 ± 10g
Testing & Approvals	<ul style="list-style-type: none"> ✔ EMC performance: ESD/EMI: 10 V/m ✔ Ingress Protection testing: IP56 (tested inside the helmet) ✔ ATEX/IECEX : II 2 G Ex ib IIC T4 Gb <p>Before using ATEX/ IECEX headsets in explosive environments, ensure ATEX/ IECEX headset parameters meet the PTT/ RSM ATEX/ IECEX parameters requirement</p>
Ordering Information	<ul style="list-style-type: none"> ✔ GAY10212232116000X – Headset, GALLET FIXF, Bone conductive Microphone, 1 Speaker, Nexus 4 standard wiring ✔ GAY10103232126000X – Headset, GALLET FIXF, Bone conductive Microphone, 2 Speakers, Nexus 4 standard wiring ✔ GAY10103232316000X - Headset, GALLET FIXF, Bone conductive Microphone, 1 Speaker, Nexus 4 NATO UK wiring ✔ GAY10103232326000X - Headset, GALLET FIXF, Bone conductive Microphone, 2 Speakers, Nexus 4 NATO UK wiring



Headset, 1 speaker



Headset, 2 speakers



Headset mounted inside helmet (chinstrap not shown)



Bone conductive sensor



Yellow disassembly lever



Connecting NEXUS plug, headset to PTT