left/RIGHT Wireless World **Headsets**

Technical Datasheet

The safest connection to the world..!

*With **left/RIGHT Wireless World** connected Hearing protection, workers are now fully connected to the outside world. There is no longer any risk of losing the benefits of their hearing protection to take a call or to communicate, and with the advanced features of MSA headsets, they can enjoy high quality streaming audio while on duty.*

Being connected has never been safer...!

Key features & benefits

- **left/RIGHT ergonomic design** for optimal wearing position and comfort
- **Bluetooth wireless capability** to connect mobile phones, mobile devices
- **Flexible Noise cancelling microphone** with parking position
- **Multi-lingual messaging** (23 languages) to navigate through the menu seamlessly
- **Volume adjustment** with safety limitation of maximal volume below harmful thresholds
- **Priority management to incoming calls**
- **Dual version available** with FM radio and level dependent surrounding sound restitution (Cut-off)
- **Headband or Helmet mounted** versions available

Technical Specifications

Specifications	
Weight	Headband version: 295g / Helmet mounted version: 280g
Materials	Plastics : ABS (cups, helmet mounting bracket), POM (Headband) Acoustic Foam PVC layer and foam (sealing ring)
Navigation Menus	Selection by user, 23 languages
Microphone	Boom Microphone, flexible arm and parking position, including wind shield
Speaker	2x32 ohms loudspeakers
Battery	2x AA. Possibility to use rechargeable batteries (external charging). External water tight compartment
Battery lifetime	Standard version: 40 hours (with 25% of time using Bluetooth link) Dual version: 36 hours (with 25% of time using Bluetooth link and Cutoff always active)*
Bluetooth Profile / Firmware	Bluetooth headset, handsfree and A2DP profiles Buit-in Bootloader enabling firmware update remotely
Compatible MSA Helmets	V-Gard, V-Gard 200, V-Gard 500, V-Gard 520, V-Gard 930, V-Gard 950, Thermalgard
Sound Priority Management	Priority to incoming calls Mixed with ambient sound (0 to 75%), discussion mode (ambient sound only)
Sound Volume limitation	82 dB per source, sound combination up to 85 dB

Approvals / Noise attenuation		
CE approval	Certified by European Notified Body FIOH (0197) according to the following standards: EN352-1, EN352-3, EN352-6, EN352-8	
ANSI approval	ANSI S3.19-1974	
Ingress Protection rating (IP)	IP54 (functional)	
SNR and H/M/L Value (EN)	Headband Version 28 dB (H=31 dB / M=25 dB / L=17 dB)	Helmet mounted Version 28 dB (H=29 dB / M=23 dB / L=17 dB)
NRR Value (ANSI)	Headband Version 25 dB	Helmet mounted Version 24 dB
Ambient sound amplification	Adjustable, +6 dB to -6 dB	
EMC	EN 61000-6-2 Immunity for industrial environments 10V/m EN 61000-6-3 Emission standard for residential, commercial and light-industrial environments EN 300328, EN 301489-17, EN 301489-3, EN 301489-1, FCC 47 CFR PART 15	
Lifetime guidelines		
Storage time (before first use)	2 years max, in original box.	
Service life (in addition to the storage time)	10 years	
Replacement parts - hygiene kit	Sealing ring and foams - recommended change every six months	
Packaging		
Individual box	200x230x125 mm	
Masterpack (12 units)	740x400x235 mm	
Pallet (X boxes, 12x units)	1200x800x1600mm, approx 50 kg	

Ordering Information

Part No.	Description
10176719-00	Headband ear muffs, left/RIGHT Wireless World
10176719-01	Helmet mounted ear muffs, left/RIGHT Wireless World
10176720-00	Headband ear muffs, left/RIGHT Wireless World Dual
10176720-01	Helmet mounted ear muffs, left/RIGHT Wireless World Dual
10182743	Hygiene kit, left/RIGHT WW

left cup Dual

Right cup Dual