

MSA left/RIGHT™ Electronic Earmuffs

SPECIFICATIONS/DATA SHEET - FM PRO HELMET MOUNTED EAR MUFFS



Key Anatomic Features

- Individual ear cups for left and right ears
- Large space for ears inside ear cups offers long-wear comfort
- Anatomically-designed muffs fit head contours
- Innovative headband design provides optimal fit and comfort
- Unique steel spring helmet attachment system enables three stable ear cup positions and ease of handling when wearing gloves

Key Technical Features

- FM radio allows wearers to listen to music, news, and sports while maintaining hearing protection
- Individual balance adjustment between level-dependent and FM radio functions
- Excellent radio reception and superior sound quality
- Speaker audio is limited to maximum of 82 dB
- Easy-to-use pushbuttons operate electronic functions
- Automatic switch-off saves battery life if no button activates within 4 hours
- Low battery warning
- Audio input 3.5 mm (AUX) for .mp3, communication radios, etc.
- Certified to AS/NZS 1270-2002

Technical Information

Materials	• Cup supporting arm: PA • Spring bracket: PA • Spring cover: TPE • Insert/liner: PE foam • Pushbuttons: silicone • Cushion: PVC-covered PU • Height adjustment bushings: TPE • Cups: ABS
Batteries	2 x 1.5 V AA/LR6 estimated operating time is approximately 300 hours, depending upon usage and battery quality.
Radio frequency range	88 - 108 MHz
Speaker response	20 Hz - 20 KHz
Operating conditions	-20°C to 50°C
Maximum audio input not to exceed 82 dB(A) through speakers	1767 mVrms (rms=root mean square of signal strength)
Weight	342 grams / 12 oz (excluding batteries)
Hygiene Kit	10094605
Part Number: 767391	left/RIGHT™ FM Pro Helmet Mounted Earmuff - Blue

Attenuation

Octave Band Centre Frequency Hz	125	250	500	1000	2000	4000	8000
Specified Band Level, dB							
Mean Attenuation, dB	13.74	18.03	26.42	32.19	32.88	37.48	33.86
Standard Deviation, dB	3.84	3.54	2.73	4.07	2.25	4.33	4.91
Mean minus Standard Deviation, dB	9.9	14.49	23.7	28.12	30.62	33.15	28.95
	SLC ₈₀ = 28		Class Rating = 5				
Clampforce (Newtons)	V-Gard™ Elite: 10.4		V-Gard™ 500: 10.3		V-Gard™ 200: 9.8		

Weight = FM Pro and CutOff: 342g Dual: 350g

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