

UltraSonic™ High Performance Muff

Elvex UltraSonic earmuff is our latest high performance muff with a stainless steel headband. It replaces our model HB-50. This model has been designed to provide excellent full spectrum attenuation, as well as superb low frequency attenuation. UltraSonic uses a fork type headband for even distribution of pressure, and improved balance required for extra deep ear cups.

- 29 dB NRR from certified US laboratory to ANSI S3.19-1974. and 34 dB SNR tested to CE EN-352-1
- Superb full spectrum attenuation
- Extra wide ear cushions and a soft padded head cushion for the highest comfort
- Low force stainless steel headband, also tolerates temperature extremes
- Lightweight construction
- You get the ultimate performance and comfort with this muff

- HB-650** UltraSonic high performance muff, 29 dB NRR, 34 dB SNR.
- HB-550** UltraSonic foldable high performance muff, 27 dB NRR.
- HK-650** Hygiene kit, ear cushions and foam absorbers.



NET WT: 10.2 oz. or 290 g.

ANSI S3-19-1974	Frequency, Hz	125	250	500	1000	2000	3150	4000	6300	8000	H	M	L	NRR
	Mean Value, dB	22.1	27.9	34.9	35.8	37.3	41.4	42.3	41.6	41.2	37	33	27	29
	Std. Deviation	2.9	2.8	3.4	2.0	2.5	2.7	2.8	3.1	3.7				

CE EN-352-2:2002	Frequency, Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR	
	Mean Value, dB	19.3	19.3	26.1	34.0	39.6	35.1	43.5	38.9		35	32	24	34
	Std. Deviation	3.8	2.7	2.8	2.6	3.2	3.0	2.9	5.2					
Protection Value	15.5	16.6	23.3	31.4	36.4	32.1	40.6	33.7						

Flat-Liner™

Maximum Comfort

Elvex Flat-Liner was originally designed to provide flat attenuation for 500 Hz and up, but the market has shown no interest in this concept. That's why we have redesigned this product to offer a medium level of attenuation and absolutely maximum level of comfort. This is how we maximized comfort:

- Low headband force
- Soft, wide ear cushions in order to distribute the force over a larger surface area
- Steel headband tolerates temperature extremes without losing force
- 26 dB NRR from certified US laboratory to ANSI S3.19-1974, and 32 dB SNR to CE EN-352-1
- This earmuff may just have the right attenuation for most noise environments.

- HB-640** Flat-Liner Muff, max comfort, 26 dB NRR, 32 dB SNR
- HK-640** Hygiene kit, ear cushions and foam absorbers
- SGB-30** Storage bag for muffs



NET WT: 8.2 oz. or 232 g.

ANSI S3-19-1974	Frequency, Hz	125	250	500	1000	2000	3150	4000	6300	8000	H	M	L	NRR
	Mean Value, dB	17.8	25.0	34.0	35.8	31.9	35.9	35.2	38.3	39.2	32	29	23	26
	Std. Deviation	2.4	2.9	2.6	2.9	1.6	3.0	2.4	3.5	4.1				

CE EN-352-1:2002	Frequency, Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR	
	Mean Value, dB	18.1	15.7	24.4	34.8	41.1	33.0	38.4	37.4		33	30	21	32
	Std. Deviation	3.1	2.8	2.3	3.3	2.8	2.2	3.0	3.4					
Protection Value	15.0	12.9	22.1	31.5	38.3	30.8	35.4	34.0						