

*NRR is the Noise Reduction Rating as specified by the Environmental Protection Agency (EPA) when tested to ANSI S3.19-1974 **CSA Class refers to class designations based on octave-band attenuation values listed in Table 3 of Canadian Standard Z94.2-02				Octave Band Attenuation Data (dB) All data per S3.19-1974										
				NRR*	CSA Class**	125	250	500	1000	2000	3150	4000	6300	8000
Earmuffs (Peltor®)														
H10A / Optime 105	OH	30	AL	Mean	21.0	26.0	36.6	40.6	38.0	41.8	42.7	41.7	41.3	
				SD	1.9	2.3	2.3	2.4	2.5	2.7	1.8	2.1	2.5	
H10B / Optime 105	BH	29	AL	Mean	21.0	26.4	37.1	40.0	36.9	40.4	42.1	41.6	42.2	
				SD	2.7	2.6	3.0	3.6	2.4	3.4	2.8	2.9	2.5	
H10P3K / Optime 105 and H10P3E	cap attach	27	AL	Mean	20.7	25.5	36.2	38.3	35.7	39.3	41.3	42.1	41.3	
				SD	3.0	3.3	3.9	3.4	2.9	3.5	3.4	2.5	3.1	
H7A / Optime 101	OH	27	A	Mean	15.5	24.5	35.3	40.0	36.9	39.9	37.5	37.7	38.1	
				SD	3.0	2.0	2.4	2.8	2.6	2.8	3.2	2.7	3.9	
H7B / Optime 101	BH	26	A	Mean	16.8	23.5	34.8	39.7	36.5	35.8	36.2	40.1	40.1	
				SD	3.4	2.6	2.1	2.6	2.3	2.2	2.4	2.4	3.0	
H7F / Optime 101	OH	26	A	Mean	16.1	23.9	34.0	40.1	37.0	36.8	37.7	38.8	39.0	
				SD	2.7	2.5	2.7	2.8	2.6	2.7	3.6	2.5	2.9	
H7P3K / Optime 101 and H7P3E	cap attach	24	A	Mean	14.6	22.8	33.3	38.0	35.9	35.9	35.5	36.1	36.3	
				SD	3.4	2.7	2.8	2.8	3.3	2.6	2.1	3.9	4.1	
H31A		24	A	Mean	13.2	20.4	30.8	35.8	37.0	41.3	37.1	34.1	35.5	
				SD	2.6	2.5	2.7	2.6	3.2	2.5	2.5	2.9	2.2	
H31B		24	A	Mean	12.7	18.4	30.0	36.0	39.8	40.0	39.7	36.1	39.5	
				SD	2.0	2.3	2.4	2.7	2.6	3.0	2.4	3.2	2.7	
H31P3K and H31P3E		23	A	Mean	12.2	18.9	29.7	34.8	37.2	37.0	35.8	35.0	37.4	
				SD	2.1	2.6	2.3	2.7	3.6	2.9	2.4	4.0	3.9	
H9A / Optime 98	OH	25	A	Mean	15.5	22.0	33.7	39.7	36.5	42.7	40.1	39.8	40.6	
				SD	2.7	3.5	2.6	2.4	2.6	2.6	2.8	2.7	2.5	
H9P3K / Optime 98 and H9P3E	cap attach	23	A	Mean	14.0	20.7	31.2	36.6	36.6	40.5	38.4	38.1	39.0	
				SD	3.2	3.6	3.0	2.9	2.8	2.9	3.6	2.3	3.6	
H6A / Optime 95	OH	21	B	Mean	11.0	17.2	28.7	33.5	35.7	37.7	36.2	37.3	36.7	
				SD	3.0	3.2	2.3	2.6	2.0	3.7	3.0	3.0	3.9	
H6AK Kid	OH	22	B	Mean	12.1	17.9	27.9	33.5	34.9	38.0	36.6	35.5	34.8	
				SD	3.4	2.5	2.1	2.6	2.5	3.5	3.1	3.6	4.3	
H6B / Optime 95	BH	21	B	Mean	12.0	16.0	28.1	32.0	35.9	38.8	37.0	37.1	36.7	
				SD	3.5	2.6	2.7	2.0	2.3	3.3	3.3	2.5	3.4	
H6F / Optime 95	OH	21	B	Mean	12.1	16.9	28.6	33.2	35.6	35.9	35.3	37.8	37.2	
				SD	3.3	3.1	3.0	2.1	3.2	3.0	2.7	2.5	3.1	
H6P3K / Optime 95 and H6P3E	cap attach	21	A	Mean	12.3	17.2	27.8	32.8	33.9	36.5	36.0	36.5	36.8	
				SD	2.7	3.0	2.5	2.8	2.9	4.1	3.0	4.3	4.6	
Electronic Earmuffs (Peltor®)														
MT7H79A MT Series	OH	25	A	Mean	16.6	22.1	31.7	36.4	33.7	34.2	34.0	33.5	35.5	
				SD	2.8	2.2	2.5	2.4	2.0	2.1	2.9	3.3	3.6	
MT7H79B MT Series	BH	24	B	Mean	16.2	23.0	31.8	38.4	34.4	31.4	33.4	34.2	35.6	
				SD	3.1	2.5	3.0	3.8	3.3	3.3	2.3	3.3	2.7	
MT7H79P3E MT Series	cap attach	21	B	Mean	16.5	22.0	28.6	34.9	32.0	28.7	31.2	32.5	32.5	
				SD	3.7	3.2	3.6	4.4	3.5	2.9	3.2	3.4	4.1	
MT7H79F-46 MT Series	OH	25	B	Mean	17.9	23.9	34.4	40.3	36.1	31.3	33.1	32.5	35.4	
				SD	3.1	3.6	3.2	2.8	2.5	2.8	2.6	3.1	2.4	
MT53H7A OH 4600, 4604 PowerCom - 4610,4620, PowerCom Plus		25	B	Mean	18.6	23.6	31.8	36.6	31.2	36.4	39.5	38.3	39.0	
				SD	4.3	3.1	2.8	2.2	2.4	3.6	2.7	3.6	2.6	
MT53H7B BH 4600, 4604 PowerCom - 4610,4620 PowerCom Plus		25	A	Mean	19.1	22.3	31.7	34.7	33.5	37.9	40.8	38.8	40.4	
				SD	2.6	2.3	2.7	2.4	2.9	2.5	3.1	2.5	2.9	

continued

OH - Over the head position
BH - Behind the head position
UC - Under the chin position

Attenuation Data
Revised 2/27/2008

*NRR is the Noise Reduction Rating as specified by the Environmental Protection Agency (EPA) when tested to ANSI S3.19-1974 **CSA Class refers to class designations based on octave-band attenuation values listed in Table 3 of Canadian Standard Z94.2-02	Octave Band Attenuation Data (dB) All data per S3.19-1974											
	NRR*	CSA Class**										
			125	250	500	1000	2000	3150	4000	6300	8000	
Electronic Earmuffs (Peltor®) (continued)												
MT53H7P3E (on Peltor G3001) 4600, 4604 PowerCom - 4610,4620 PowerCom Plus	24	B	Mean	18.1	21.7	31.5	35.5	30.7	36.8	39.7	38.6	39.0
			SD	3.1	2.9	2.8	2.7	2.7	2.7	2.5	2.1	2.8
MT15H7FSV TACTICALPro	26	A	Mean	17.2	24.2	33.1	37.7	34.4	37.4	40.1	37.5	38.8
			SD	3.3	2.9	2.5	3.5	2.8	2.3	2.9	2.1	2.7
MT15H7P3K TACTICALPro (on Peltor® G2000)	22	B	Mean	15.6	21.5	29.8	34.2	32.3	33.1	35.3	34.2	33.8
			SD	3.2	4.0	2.7	2.9	2.7	3.4	3.3	4.3	5.1
MT15H7BSV TACTICALPro BH	25	A	Mean	15.6	23.2	33.1	34.6	35.7	38.1	42.2	40.0	40.8
			SD	3.3	2.8	2.4	2.3	2.2	2.6	2.7	2.9	2.5
MT15H67FB-01 Tactical 6-S OH	20	B	Mean	10.7	16.0	26.1	34.2	34.4	38.5	40.1	39.8	37.0
			SD	3.3	3.3	1.9	3.5	3.3	3.8	3.2	3.1	3.3
MT15H67FB SoundTrap OH	21	B	Mean	11.4	17.2	27.3	35.3	34.5	37.5	39.7	39.1	37.1
			SD	3.4	3.0	1.8	2.1	2.5	3.3	2.9	3.4	2.3
MT15H67B-01 Tactical 6-S BH	19	B	Mean	11.0	17.1	27.2	35.0	31.1	39.4	40.7	38.0	36.5
			SD	3.5	3.3	4.3	4.3	2.5	3.8	3.8	4.2	4.7
MT16H210F Tactical Sport OH	20	B	Mean	13.5	18.3	26.6	26.5	29.6	35.6	38.2	38.8	39.4
			SD	3.0	3.0	2.1	1.8	3.3	3.8	3.8	3.1	4.8
MT1H7F2 Tactical X/P OH	27	A	Mean	19.3	25.0	34.6	37.0	35.3	35.8	39.3	38.0	38.6
			SD	3.0	2.8	2.7	2.3	2.9	2.5	2.6	3.4	3.0
MT1H7F2 Tactical X/P BH	26	A	Mean	17.9	22.6	31.9	34.9	34.3	36.7	39.1	39.2	39.6
			SD	2.4	2.3	2.6	2.6	3.0	2.8	3.5	2.3	2.2
MT1H7P3*2 Tactical X/P (on Peltor® G2000)	24	A	Mean	16.0	22.2	31.6	36.7	34.4	35.4	38.9	37.6	36.2
			SD	3.7	3.5	4.1	2.9	2.8	2.9	2.4	2.2	3.6
MT15H68FB ComTac / SwatTac OH	20	B	Mean	12.3	16.8	24.2	31.4	29.8	35.0	41.2	41.2	42.0
			SD	3.5	2.2	2.5	2.6	2.4	2.7	2.6	3.5	3.9
MT15H69FB ComTac II / SwatTac II OH	21	B	Mean	14.5	17.7	26.3	31.3	29.8	36.7	35.1	37.5	35.4
			SD	3.0	2.9	2.8	2.6	3.2	2.7	2.5	2.8	3.0
MT17H682FB Comtac III OH	21	B	Mean	14.2	18.4	28.9	31.8	29.4	37.4	37.6	36.8	37.8
			SD	3.4	3.0	2.8	2.6	2.9	2.5	2.5	1.8	2.5
MT52H31B / MT51H31B MT Series Fireman's Series BH	19	B	Mean	12.4	15.1	27.2	33.1	34.0	36.2	35.3	36.7	37.6
			SD	3.9	3.1	3.1	2.7	2.5	3.1	2.5	2.3	3.5
MT72H7A-40 Service Intercom OH	22	B	Mean	14.5	21.1	29.6	35.4	32.7	36.5	33.9	34.3	36.1
			SD	4.5	3.4	3.1	4.2	3.1	3.4	2.8	2.1	3.3
MT72H7P3E-40 Service Intercom (on Peltor G2001)	18	B	Mean	11.9	17.2	26.5	32.6	29.8	34.8	35.4	33.4	34.2
			SD	5.1	3.4	3.6	3.4	4.0	2.7	3.5	5.0	6.4
MT72H10A M10 Headset Series	27	B	Mean	19.1	26.1	35.7	35.7	32.5	37.9	40.5	39.7	39.3
			SD	2.5	2.5	2.4	2.3	2.6	3.7	2.5	2.0	2.1
MT72H10P3K M10 Headset Series (on Peltor G2001)	26	B	Mean	18.2	23.9	35.5	36.2	32.0	36.6	39.6	39.6	38.8
			SD	2.4	2.8	3.1	2.9	2.6	3.3	3.0	2.5	2.9
H7A-PTL	26	A	Mean	16.3	22.7	31.4	38.6	34.4	38.9	36.4	36.1	35.3
			SD	2.3	1.8	2.6	2.5	3.0	3.3	2.0	2.3	2.3
H7B-PTL BH	25	AL	Mean	16.9	23.1	32.6	35.0	33.3	38.9	36.6	34.8	34.4
			SD	2.8	2.4	2.3	2.9	2.8	2.8	3.0	2.8	2.8
H7P3E-PTL (on Peltor G2001)	25	A	Mean	16.2	21.5	31.2	38.1	34.7	38.3	37.0	36.6	35.4
			SD	3.4	2.8	2.7	2.7	2.5	2.5	2.8	2.2	2.9
HRX52A Worktunes 22 (RaceTunes 22) OH AM/FM Radio Headset	22	B	Mean	16.0	21.4	25.7	35.7	32.0	39.9	40.7	36.0	34.0
			SD	3.5	3.5	2.4	3.7	3.0	3.0	3.3	4.4	6.1
HRX52P3E Worktunes (on Peltor G2001)	19	B	Mean	12.8	16.7	26.8	31.9	33.2	39.7	38.8	34.9	33.2
			SD	3.6	4.2	3.3	2.3	2.3	2.9	3.7	4.3	5.2
HRX79P3E Worktunes (on Peltor G2001)	20	A	Mean	14.4	19.1	29.2	31.4	33.6	39.2	38.6	36.2	35.6
			SD	4.3	4.5	4.3	3.1	3.0	3.1	2.6	3.0	3.3
HRX79A GU Worktunes	26	A	Mean	18.5	25.8	32.4	35.9	35.0	43.8	40.6	35.0	37.0
			SD	3.9	2.4	1.5	2.2	2.4	3.1	3.2	3.2	2.7

continued

OH - Over the head position
BH - Behind the head position
UC - Under the chin position

Attenuation Data
Revised 2/27/2008

*NRR is the Noise Reduction Rating as specified by the Environmental Protection Agency (EPA) when tested to ANSI S3.19-1974 **CSA Class refers to class designations based on octave-band attenuation values listed in Table 3 of Canadian Standard Z94.2-02				Octave Band Attenuation Data (dB)									
				All data per S3.19-1974									
NRR*	CSA Class**			125	250	500	1000	2000	3150	4000	6300	8000	
Electronic Earmuffs (Peltor®) (continued)													
HTM79A Listen Only OH	25	A	Mean	16.6	22.1	31.7	36.4	33.7	34.2	34.0	33.5	35.5	
			SD	2.8	2.2	2.5	2.4	2.0	2.1	2.9	3.3	3.6	
HTM79B Listen Only BH	24	B	Mean	16.2	23.0	31.8	38.4	34.4	31.4	33.4	34.2	35.6	
			SD	3.1	2.5	3.0	3.8	3.3	3.3	2.3	3.3	2.7	
HTM79P3E Listen Only (on Peltor G2000)	23	B	Mean	17.5	23.6	31.6	36.6	32.9	29.7	31.5	32.1	34.5	
			SD	2.7	3.9	4.2	3.1	3.0	2.4	2.8	2.5	2.5	
HTM520F-61 340-BA Racing Radios OH	19	B	Mean	14.3	17.0	28.1	35.3	32.2	35.1	38.4	38.9	37.9	
			SD	4.3	3.9	5.6	4.7	4.0	3.4	3.9	2.9	3.2	
M2RX7A Alert OH	25	B	Mean	18.9	24.8	33.1	37.4	28.6	38.0	38.7	36.7	36.8	
			SD	2.6	2.2	2.2	2.6	2.3	2.4	3.4	3.2	3.5	
M2RX7P3E Alert (on Peltor G2001)	23	B	Mean	16.6	22.1	30.7	34.4	30.5	34.3	35.8	35.6	35.1	
			SD	3.3	3.1	4.3	2.0	2.5	2.5	3.5	2.3	3.9	
Series 7000 PRO GT Aviation	25	B	Mean	18.1	23.5	32.2	37.5	35.1	30.7	32.7	33.5	34.4	
			SD	2.8	2.5	2.9	2.3	2.6	2.1	2.6	2.6	3.1	
Series 7000 Pro GT with ANR OH	16	C	Mean	16.4	11.2	17.7	29.1	32.6	36.9	37.9	35.6	35.8	
			SD	3.0	2.3	2.7	3.2	3.9	4.4	4.5	4.3	5.6	
Series 7000 Sport LE OH	24	B	Mean	15.5	22.5	31.2	36.9	32.7	31.1	32.3	34.2	35.7	
			SD	3.1	2.9	2.4	2.7	2.1	2.7	2.5	2.2	2.1	
MT22H53A Nordica Pro OH	26	A	Mean	17.0	22.6	32.3	36.0	35.6	42.1	41.3	36.7	38.2	
			SD	2.9	2.1	2.7	2.7	2.8	2.5	3.2	2.8	2.4	
MT22H53A Nordica Pro with Gel Cushions OH	25	A	Mean	14.6	20.0	29.2	36.6	36.4	43.2	37.8	36.9	36.7	
			SD	2.5	2.1	2.5	2.6	2.8	2.8	3.3	3.5	2.6	
MT22H52A Nordica Sport OH	23	A	Mean	14.8	21.4	29.3	35.2	34.1	40.4	38.7	33.8	33.0	
			SD	3.7	2.9	2.8	3.6	2.5	2.7	2.6	4.0	4.7	
MT22H52A Nordica Sport w/ith optional HY80 Gel Cushions OH	23	A	Mean	14.5	19.1	28.0	36.9	34.0	37.5	41.3	37.7	36.8	
			SD	3.2	2.0	2.5	2.8	2.4	1.9	2.5	3.4	3.9	
Peltor® Earplugs - Foam													
Peltor® Next® Forestry Earplug	29	AL	Mean	37.4	40.9	44.8	43.8	36.3	41.9	42.6	46.1	47.3	
			SD	5.7	5.0	3.3	3.6	4.9	3.0	3.1	3.5	2.7	
Peltor® Next® Nitro® Peltor® Next® Tattoo (1-size)	32	AL	Mean	36.1	37.4	39.7	38.6	38.5	44.6	45.4	47.4	48.0	
			SD	3.6	4.9	4.3	3.1	2.7	3.2	4.1	3.2	3.2	
Peltor® Earplugs - Pod													
Peltor® Next® Skull Screws™	30	AL	Mean	38.8	38.8	41.9	41.0	36.5	42.0	42.3	45.8	45.8	
			SD	3.7	3.9	4.8	5.7	3.3	5.0	2.8	4.4	3.8	
Peltor® Next® No-Touch®	29	AL	Mean	36.9	36.7	39.4	40.4	35.9	42.9	45.5	48.8	45.9	
			SD	4.9	4.8	4.5	5.9	2.5	3.6	4.0	4.9	4.3	
Peltor® Earplugs - Other													
Peltor® Next® Tri-Flange® (with stem insert)	26	AL	Mean	32.3	33.2	34.1	36.0	36.4	40.8	39.7	43.2	44.1	
			SD	5.1	4.3	4.9	4.6	3.4	3.9	5.5	5.4	3.3	
Peltor® Earplugs - Electronic													
PELTIP 1 UltraFit® Reusable Communication Earplug	21	BL	Mean	33.4	31.1	31.3	30.0	32.3	37.8	36.8	38.4	35.7	
			SD	5.2	4.9	5.4	4.4	4.1	5.2	6.7	3.4	3.4	
PELTIP 2 Classic® Disposable Communication Earplug	29	AL	Mean	33.5	36.4	38.2	37.6	37.4	42.6	43.8	46.7	45.1	
			SD	5.3	4.5	5.6	4.7	2.7	2.8	2.3	3.5	4.8	
Peltor® EARbud™	26	AL	Mean	35.2	35.9	37.5	35.4	33.8	38.6	36.4	40.0	43.0	
			SD	5.6	5.3	5.1	4.2	3.5	4.2	3.9	5.9	4.8	
Peltor® Next® Earmuff													
Peltor® Next® Blaze OH	26	A	Mean	16.1	23.9	34.0	40.1	37.0	36.8	37.7	38.8	39.0	
			SD	2.7	2.5	2.7	2.8	2.6	2.7	3.6	2.5	2.9	

OH - Over the head position
BH - Behind the head position
UC - Under the chin position

Attenuation Data
Revised 2/27/2008