

Test Certificate – Mobile One MK-001 Communication Earplug in combination with Peltor H10 Earmuff.



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*This Certificate details the results of Hearing Protector testing carried out by
 The National Acoustic Laboratories*

NAL Certificate No: 060505 **Test Series:** 145

Mobile One CEP Mk-001

Device Tested: Communications Earplug in combination with Peltor H10 Headband Earmuff.

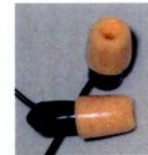
Manufactured By: Mobile One Australia Pty Ltd

Date Tested: 16th May 2006 to 2nd June 2006

Test Commissioned By: Mobile One Australia Pty Ltd

Description of Device Tested:

Headband earmuff with CEP communications earplugs in combination. Headband twin earcup earmuff with height adjustable black plastic outer earcup, white plastic inner earcup with white high density foam interlayer. Red plastic spacer with grey polyurethane foam infill. Black foam filled soft plastic earcushions. Twin wire framed headband with foam filled quilted soft black plastic cushion. CEP (Communication & Ear Protection Inc.) communications earplugs comprising hard black plastic earphones with large size screw-on orange soft polyurethane foam eartips. Devices optimally fitted to test subjects prior to attenuation testing.



This hearing protector device has been tested mechanically, and its sound attenuation was measured in accordance with Australian and New Zealand Standard AS/NZS 1270-2002.

Mean Reference Thresholds re 20uPa						
125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
32.5	24.9	11.9	11.5	8.9	6.5	11.6

Subject ID	Real-ear attenuation values (dB) at designated octave frequencies						
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
S11	23	27	43	39	40	51	45
S12	21	35	46	40	36	52	47
S13	31	30	47	38	41	41	36
S14	25	32	45	37	38	48	47
S15	21	30	42	36	36	50	52
S16	28	33	37	35	35	50	48
S17	29	29	44	43	41	44	51
S18	28	30	36	36	41	50	42
S19	33	30	39	33	38	46	43
S20	26	29	42	29	36	50	38
S21	35	32	35	40	26	48	41
S22	23	35	41	36	44	53	45
S23	40	51	57	47	30	50	55
S24	25	31	39	41	36	54	43
S25	24	29	38	33	40	45	49
S26	35	32	42	43	37	50	46
S27	32	37	52	44	38	53	50
S28	10	22	34	33	45	52	46
S29	21	36	36	36	43	47	42
S30	21	28	37	31	38	43	49
S31	25	31	40	45	39	50	48
Mean	26.5	31.8	41.6	37.7	38.0	48.9	45.8
Standard Deviation	6.6	5.5	5.7	4.8	4.3	3.4	4.5
Mean minus SD	19.9	26.3	35.9	32.9	33.7	45.5	41.3



Accredited for AS/NZS 1270:2002
 Registered Lab No. 5472

SLC80 Rating CLASS	35	Average total mass of earmuff = 295 g Approximate mass of CEP earplugs = 10g
Clamping Force	10.9 Newtons	

Signatory:  **Dated:** 5 June 2006
 (Gordon Jarvis, NAL Research, Acoustic Test Facility)

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