

OWNER CA State Sacramento MAKE G S I MODEL AUDIOSTAR PRO SERIAL # GS0071244 AT# 108145

Frequency Hz		Earphone Transducers - SPL dB Deviation @ 70 dB HL						Masking dB Deviation		Distortion THD, -dB Down or %			Bone dB Deviation		Sound Field Warble dB 45°	
Indicated	Actual	Primary * - Channel 1		Primary * - Channel 2		Secondary Transducers		Left	Right	Left	Right	Bone	Channel 1	Channel 2	Left	Right
		Left	Right	Left	Right	Left	Right									
125	125	0	-	-	-0.1	0	0.1	-0.5	-0.5	N/A	N/A	N/A	N/A	N/A	-1	-1
250	250	0.1	-	-	-0.2	0	0.1	-0.5	-0.5	0.3	0.4	1	-0.2	-	-0.5	-0.5
500	500	0.2	-	-	0	0.1	-0.2	-0.5	0	0.1	0.1	0.2	-0.4	-	-0.5	-0.5
750	750	0.2	-	-	0.2	0.1	0.2	-0.5	0	N/A	N/A	N/A	-0.7	-	-0.5	-0.5
1000	1000	0.2	-	-	0.1	0	0.1	0	0	0.2	0.2	0.4	-0.4	-	-0.5	0.5
1500	1500	0.1	-	-	0.1	0	0	0	0	N/A	N/A	N/A	-0.5	-	0	0.5
2000	2000	0.2	-	-	0	-0.2	-0.1	0	0.5	0.4	0.4	0.9	0.2	-	0.5	0.5
3000	3000	0	-	-	0.1	0	0.2	0.5	0.5	N/A	N/A	N/A	0.1	-	0.5	0.5
4000	4000	0.1	-	-	0.1	0.1	0	0.5	0.5	0.8	0.9	1.9	0.1	-	0.5	0
6000	6000	0	-	-	-0.1	0.1	0.2	0.5	-0.5	N/A	N/A	N/A	0.2	-	0	-0.5
8000	8000	0.2	-	-	0	0.2	0	-0.5	-0.5	N/A	N/A	N/A	0.4	-	-1	-1
10000	-	-	-	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A	-	-
12000	-	-	-	-	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A	-	-
Speech	N/A	-0.5	-	-	-0.5	-0.5	-0.5	-0.5	-0.5	1.2	1.1	3	-1	-	-1	-1

Attenuator Linearity, dB Deviation																							Off Level	Cross Talk	
Dial Indication	110	105	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5			0
Channel 1 Left	0	0	0	0	0	0	0	0	0 Ref.	0	0	0	0	0	0	0	0	-0.1	0	0	-0.1	0	-0.1	111	0
Channel 2 Right	0	0	0	0	0	0	0	0	0 Ref.	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0.1	0.1	109	0

	Channel 1	Channel 2	Pass	Fail
-	-	-	Pass	Fail
Fail Time, ms	34.5	34.5	X	
Rise Time, ms	34.5	34	X	
Overshoot, dB	0.1	0.05	X	
Tape/CD Input, dB Deviation	0	0	X	
Channel Mix Error, dB Dev.	0	0	X	
White Noise-SPL @ 70 dB HL	80	80	X	

*Primary Transducer Type	TDH 49/50	Bone Transducer Type	B71
*Secondary Transducer Type	IP30		

Note: Masking and Distortion Values Based On Primary Transducer

Date of Calibration 01/02/2020 Certified By David Eckels

5272 Jerusalem Ct Ste A Modesto, CA (800)  
653-3277  
SLM L-D 824 sn 1815  
1" Mic sn 1051; Pre 902 sn 4975  
Mastoid AMC493b sn 5291

Comment Unit meets manufacturers specifications.

Owner CA State Sacramento MAKE G S I SERIAL NO. gs0071244HF AT# 108145  
 MODEL AUDIOSTAR PRO HF

Frequency Hz		Earphone SPL dB Deviation @ 70 dB HL		Masking dB Deviation		Sound Warble dB	
Indicated	Actual	Left	Right	Left	Right	Left	Right
8000	8000	0.1	0.3	-0.5	0	-0.5	-0.5
9000	9000	0.1	0.3	-0.5	-0.5	-1	-0.5
10000	10000	0.4	0.2	0	0.5	-1	-1
11200	11200	0	0.1	0	0.5	-1	-1
12000	-	-	-	-	-	-	-
12500	12500	-0.2	-0.3	0.5	0	-0.5	-1
13000	-	-	-	-	-	-	-
14000	14000	0.5	-0.1	-0.5	0	-	-
15000	-	-	-	-	-	-	-
16000	16000	0.2	0.5	-0.5	-0.5	-	-
18000	18000	0.4	0.5	-1	-1	-	-
20000	20000	0.2	0.6	-1	-1	-	-

Tone Switching - Fail Time, ms	33.5
Tone Switching - Rise Time, ms	33.2
Tone Switching - Overshoot, dB	0.2
Tone Switching - Pulsed Width, ms	201
Tone Leakage - Off Level, dB Down	-
Tone Leakage - Cross Talk, dB Down	-

	Pass	Fail
Shock Hazard	X	
Stability	X	
Cal Values - Not Default	X	
Other Unwanted Sound	X	
Subject Response	X	
Masking Attenuator	X	
Mechanical Integrity	X	

Attenuator Linearity, dB Deviation																							
Dial Indication	110	105	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0
Error	-	0.2	0.1	0.1	0	0	0	0	0 Ref.	0	0	0	0	0	0.1	0.1	0	0	0	0.3	-0.2	-0.2	0.3

Annual ANSI S3.6-2004	X
Calibration Values - HTL/SPL	HTL

Phone Manufacturer	Interacoustics
Phone Model	DD450

Date of Calibration 01/02/2020

Certified By David Eckels  
 5272 Jerusalem Ct Ste A Modesto, CA (800)  
 653-3277  
 SLM L-D 824 sn 1815  
 1" Mic sn 1051; Pre 902 sn 4975  
 Mastoid AMC493b sn 5291

Unit meets manufacturers specifications.

OWNER CA State Sacramento MAKE BELTONE MODEL SCOUT SERIAL # 10K4845

Frequency Hz		Earphone SPL dB Deviation @ 70 dB HL		Distortion THD, -dB Down		Masking dB Deviation	Bone dB Deviation
Indicated	Actual	Left	Right	Air	Bone		
125	126	-0.3	-0.5	N/A	N/A	-	N/A
250	252	1.7	1.9	0.7	-	-	-
500	501	1.4	1.4	0.6	-	-	-
750	756	1.4	0.9	N/A	N/A	-	-
1000	1005	1.5	1.4	0.5	-	-	-
1500	1513	0.7	0.9	N/A	N/A	-	-
2000	2016	1	0.9	0.4	-	-	-
3000	3021	0.8	1.1	N/A	N/A	-	-
4000	4031	1.4	1.6	0.8	-	-	-
6000	6046	0.2	-0.1	N/A	N/A	-	-
8000	8042	3	2.6	N/A	N/A	-	-
Speech	N/A	-	-	-	-	-	-

Tone Switching - Fail Time, ms	28
Tone Switching - Rise Time, ms	20.62
Tone Switching - Overshoot, dB	0.12
Tone Switching - Pulsed Width, ms	203.5
Tone Leakage - Off Level, dB Down	104
Tone Leakage - Cross Talk, dB Down	0

- Pass Fail

Shock Hazard	X	
Stability	X	
Speech Signal to Noise Ratio	NA	
Other Unwanted Sound	X	
Subject Response	NA	
Masking Attenuator	NA	
Mechanical Integrity	X	

Attenuator Linearity, dB Deviation																							
Dial Indication	110	105	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0
Error	-	-	-	-	-0.5	-0.2	-0.2	0	0 Ref.	0.2	0.1	0.3	0.2	0.3	0.2	0.4	0.3	0.5	0.4	0.6	0.5	0.9	1.1

Annual ANSI S3.6-1996	ANSI-89
OSHA Exhaustive Calibration	X

Phone Type	TDH 49/50
BoneType	B71

Date of Calibration 01/02/2020

Certified By David Eckels

5272 Jerusalem Ct Ste A Modesto, CA (800) 653-3277

SLM L-D 824 sn 1815  
 1" Mic sn 1051; Pre 902 sn 4975  
 Mastoid AMC493b sn 5291

Comments: Found with intermittent L aircord - replaced cords and recalibrated. Unit meets manufacturers specifications.

OWNER CA State Sacramento MAKE G S I MODEL 39V2 SERIAL NO. GS0054199

COMPLIANCE SECTION

Probe Tone			Immittance Scale Linearity, ml						
-	Freq.	SPL	Actual	.5	1	2	3	4	5
226 Hz	226	85	226 Hz	0.51	-	1.95	-	-	5.1
1000 Hz	1000	90	1000 Hz	-	-	-	-	-	-

MANOMETER SECTION

Pressure Readings, daPa									
Actual	+200	+100	0	-100	-200	-300	-400	-500	-600
Indication	198	99	1	-102	-203	-	-	-	-
Deviation	-2	-1	1	-2	-3	-	-	-	-

Reflex Scale Linearity NA

REFLEX SECTION / AUDIOMETER

Attenuator Linearity, dB Deviation																											
Dial Indication	125	120	115	110	105	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0	
Phone	-	-	-	-	-	0.1	0	0	0	0	0	0 Ref.	0	0	0	0	0.1	0.1	0.2	0	0.1	-0.2	-0.2	0.1	-0.2	-0.3	

Frequency, Hz		Reflex *		Audiometer *	
Indicated	Actual	Contra	IPSI	Left	Right
125	N/A	N/A	N/A	-	-
250	-	-	N/A	-	-
500	500	0.2	0.2	-	-
1000	1000	<b>0.1</b>	0	-	-
2000	2000	-0.3	-0.1	-	-
3000	-	-	-	-	-
4000	4000	-0.2	-0.2	-	-
6000	-	-	N/A	-	-
8000	-	-	N/A	-	-

-	Pass	Fail
Distortion	X	
Rise/Decay - O.S.	X	
Off Ratio	X	
Shock Hazard	X	
Noise Stimulus	X	
Mechanical and Electrical Integrity	X	
Pressure Leakage	X	
Battery Check	NA	
Earphone Type	TDH 39	

Acoustic immittance: Refers collectively to acoustic impedance, acoustic admittance and acoustic compliance units.

Units calibrated to manufacturer specifications or to current ANSI S3.6 specifications where it may apply to the reflex section. Manufacturer specifications may supercede ANSI S3.6 Audiometer or ANSI S3.39 immittance Standards.

Date of Calibration 01/02/2020

Certified By David Eckels  
 5272 Jerusalem Ct Ste A Modesto, CA (800) 653-3277

SLM L-D 824 sn 1815  
 1" Mic sn 1051; Pre 902 sn 4975  
 Mastoid AMC493b sn 5291

\* Deviations are from dB HL (ANSI), SPL or Manufacturers Specifications

Unit meets manufacturers specifications.

# Sound Room Certificate of Measurement

This is to certify on 01/02/2020

Make and Model ACOUSTIC SYSTEMS RS254

Serial Number HC54332

Time and Location 1:29 PM CSU Sacramento Speech and Communication, 2nd Floor

was measured with the following interior octave band center sound pressure levels.

Octave Band Center Freq. Hz.	125	250	500	1000	2000	4000	8000
Vent Fan "ON"	12.4	-0.5	-1.3	0.7	3.9	6.5	9
Vent Fan "Off"	10.6	2	14.7	5.3	15.8	13.8	14.5

To determine compliance with the following specifications:

OSHA Table D-1, 1983 Specifications

ANSI S3.1 - 1999 (R2003) Maximum Permissible Ambient  
 Noise Levels for Sound Rooms

SLM L-D 824 sn 1815  
 1" Mic sn 1051; Pre 902 sn 4975

Signature David Eckels

5272 Jerusalem Ct Ste A Modesto, CA (800) 653-3277

OWNER CA State Sacramento MAKE G S I MODEL 37 SERIAL NO. AF061311

COMPLIANCE SECTION

Probe Tone			Immittance Scale Linearity, ml						
-	Freq.	SPL	Actual	.5	1	2	3	4	5
226 Hz	226	85	226 Hz	0.46	-	1.89	-	-	-
1000 Hz	-	-	1000 Hz	-	-	-	-	-	-

MANOMETER SECTION

Pressure Readings, daPa									
Actual	+200	+100	0	-100	-200	-300	-400	-500	-600
Indication	192	99	2	-103	-205	-	-	-	-
Deviation	-8	-1	2	-3	-5	-	-	-	-

Reflex Scale Linearity NA

REFLEX SECTION / AUDIOMETER

Attenuator Linearity, dB Deviation																											
Dial Indication	125	120	115	110	105	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0	
Phone	-	-	-	-	-	-	-	-	-	-	-	0 Ref.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Frequency, Hz		Reflex *		Audiometer *	
Indicated	Actual	Contra	IPSI	Left	Right
125	N/A	N/A	N/A	-	-
250	-	-	N/A	-	-
500	-	-	-	-	-
1000	-	-	-	-	-
2000	-	-	-	-	-
3000	-	-	-	-	-
4000	-	-	-	-	-
6000	-	-	N/A	-	-
8000	-	-	N/A	-	-

-	Pass	Fail
Distortion	X	
Rise/Decay - O.S.	X	
Off Ratio	X	
Shock Hazard	X	
Noise Stimulus	X	
Mechanical and Electrical Integrity	X	
Pressure Leakage	X	
Battery Check	NA	
Earphone Type	TDH 39	

Acoustic immittance: Refers collectively to acoustic impedance, acoustic admittance and acoustic compliance units.

Units calibrated to manufacturer specifications or to current ANSI S3.6 specifications where it may apply to the reflex section. Manufacturer specifications may supercede ANSI S3.6 Audiometer or ANSI S3.39 immittance Standards.

Date of Calibration 01/03/2020

Certified By David Eckels  
 5272 Jerusalem Ct Ste A Modesto, CA (800) 653-3277

SLM L-D 824 sn 1815  
 1" Mic sn 1051; Pre 902 sn 4975  
 Mastoid AMC493b sn 5291

\* Deviations are from dB HL (ANSI), SPL or Manufacturers Specifications

Printer not working. No parts available for unit. Unit meets manufacturers specifications.

OWNER CA State Sacramento MAKE AMBCO MODEL 650AB SERIAL # AB09608 AT# 3706

Frequency Hz		Earphone SPL dB Deviation @ 70 dB HL		Distortion THD, -dB Down		Masking dB Deviation	Bone dB Deviation
Indicated	Actual	Left	Right	Air	Bone		
125	-	-	-	N/A	N/A	-	N/A
250	252	1.5	2.8	1.8	-	-	-
500	503	0.7	0.9	1.5	-	-	-
750	-	-	-	N/A	N/A	-	-
1000	996	0.5	0	2.5	-	-	-
1500	-	-	-	N/A	N/A	-	-
2000	2009	0	0.7	2.7	-	-	-
3000	2989	0.3	0.8	N/A	N/A	-	-
4000	3999	0.4	0.3	0.8	-	-	-
6000	6034	0.1	-0.3	N/A	N/A	-	-
8000	8041	2.2	2.3	N/A	N/A	-	-
Speech	N/A	-	-	-	-	-	-

Tone Switching - Fail Time, ms	26.25
Tone Switching - Rise Time, ms	27
Tone Switching - Overshoot, dB	0.09
Tone Switching - Pulsed Width, ms	109
Tone Leakage - Off Level, dB Down	96
Tone Leakage - Cross Talk, dB Down	0

- Pass Fail

Shock Hazard	X	
Stability	X	
Speech Signal to Noise Ratio	NA	
Other Unwanted Sound	X	
Subject Response	NA	
Masking Attenuator	NA	
Mechanical Integrity	X	

Attenuator Linearity, dB Deviation																							
Dial Indication	110	105	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0
Error	-	-	-	-	-0.1	-0.1	-0.1	0	0 Ref.	0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	1	1.5

Annual ANSI S3.6-1996	ANSI-89
OSHA Exhaustive Calibration	X

Phone Type	TDH 39
BoneType	B71

Date of Calibration 01/02/2020

Certified By David Eckels

5272 Jerusalem Ct Ste A Modesto, CA (800) 653-3277

SLM L-D 824 sn 1815  
 1" Mic sn 1051; Pre 902 sn 4975  
 Mastoid AMC493b sn 5291

Comments: Unit meets manufacturers specifications.

OWNER CA State Sacramento MAKE G S I MODEL 18 SERIAL # GS0078775

Frequency Hz		Earphone SPL dB Deviation @ 70 dB HL		Distortion THD, -dB Down		Masking dB Deviation	Bone dB Deviation
Indicated	Actual	Left	Right	Air	Bone		
125	125	-0.1	-0.5	N/A	N/A	-	N/A
250	250	2	3	0.1	-	-	-
500	500	0.9	1.1	0.1	-	-	-
750	750	0.1	0.6	N/A	N/A	-	-
1000	1000	0.3	0.1	0.2	-	-	-
1500	1500	-0.2	-0.1	N/A	N/A	-	-
2000	2000	-0.2	0	0.4	-	-	-
3000	3000	-0.1	0	N/A	N/A	-	-
4000	4000	-0.5	-0.3	0.8	-	-	-
6000	6000	1.8	0.4	N/A	N/A	-	-
8000	8000	2.3	2.1	N/A	N/A	-	-
Speech	N/A	-	-	-	-	-	-

Tone Switching - Fail Time, ms	35
Tone Switching - Rise Time, ms	35
Tone Switching - Overshoot, dB	0.07
Tone Switching - Pulsed Width, ms	218.5
Tone Leakage - Off Level, dB Down	103
Tone Leakage - Cross Talk, dB Down	5

- Pass Fail

Shock Hazard	X	
Stability	X	
Speech Signal to Noise Ratio	NA	
Other Unwanted Sound	X	
Subject Response	NA	
Masking Attenuator	NA	
Mechanical Integrity	X	

Attenuator Linearity, dB Deviation																							
Dial Indication	110	105	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0
Error	-	-	-	-	0.4	0.3	0.3	0.1	0 Ref.	0	-0.1	-0.1	-0.2	-0.4	-0.4	-0.5	-0.5	-0.7	-0.6	-0.7	-0.7	-0.8	-0.4

Annual ANSI S3.6-1996	ANSI-96 Type 3,4,5	Phone Type	DD45
OSHA Exhaustive Calibration	X	BoneType	B71

Date of Calibration 01/02/2020

Certified By David Eckels

5272 Jerusalem Ct Ste A Modesto, CA (800) 653-3277

SLM L-D 824 sn 1815  
 1" Mic sn 1051; Pre 902 sn 4975  
 Mastoid AMC493b sn 5291

Comments: Unit meets manufacturers specifications.



OWNER CA State Sacramento MAKE INTERACOUSTICS MODEL AS608 SERIAL # 857897 AT# 4946

Frequency Hz		Earphone SPL dB Deviation @ 70 dB HL		Distortion THD, -dB Down		Masking dB Deviation	Bone dB Deviation
Indicated	Actual	Left	Right	Air	Bone		
125	125	-1.3	0	N/A	N/A	-	N/A
250	250	2.1	0.4	0.2	-	-	-
500	500	0.5	0	0.8	-	-	-
750	750	0.4	0.3	N/A	N/A	-	-
1000	1000	0.6	0.1	0.3	-	-	-
1500	1500	0	0.2	N/A	N/A	-	-
2000	2000	0.1	-0.1	0.4	-	-	-
3000	3000	-0.1	0.3	N/A	N/A	-	-
4000	4000	0.1	-0.1	0.8	-	-	-
6000	6000	-0.5	0.6	N/A	N/A	-	-
8000	8000	1.4	-0.4	N/A	N/A	-	-
Speech	N/A	-	-	-	-	-	-

Tone Switching - Fail Time, ms	25.5
Tone Switching - Rise Time, ms	26
Tone Switching - Overshoot, dB	0.08
Tone Switching - Pulsed Width, ms	263.5
Tone Leakage - Off Level, dB Down	107
Tone Leakage - Cross Talk, dB Down	-27

- Pass Fail

Shock Hazard	X	
Stability	X	
Speech Signal to Noise Ratio	NA	
Other Unwanted Sound	X	
Subject Response	NA	
Masking Attenuator	NA	
Mechanical Integrity	X	

Attenuator Linearity, dB Deviation																							
Dial Indication	110	105	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0
Error	-	-	-	-	0.1	0	0	0	0 Ref.	0	0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.3	-0.3	-0.1	-0.3

Annual ANSI S3.6-1996	ANSI-96 Type 3,4,5	Phone Type	TDH 39
OSHA Exhaustive Calibration	X	BoneType	B71

Date of Calibration 01/02/2020

Certified By David Eckels

5272 Jerusalem Ct Ste A Modesto, CA (800) 653-3277

SLM L-D 824 sn 1815  
1" Mic sn 1051; Pre 902 sn 4975  
Mastoid AMC493b sn 5291

Comments: Unit meets manufacturers specifications.

OWNER CA State Sacramento MAKE INTERACOUSTICS MODEL AS608 SERIAL # 857884

Frequency Hz		Earphone SPL dB Deviation @ 70 dB HL		Distortion THD, -dB Down		Masking dB Deviation	Bone dB Deviation
Indicated	Actual	Left	Right	Air	Bone		
125	125	-0.1	-0.4	N/A	N/A	-	N/A
250	250	1.3	0.7	0.3	-	-	-
500	500	0.6	0.2	0.1	-	-	-
750	750	0.2	0.1	N/A	N/A	-	-
1000	1000	0.3	0.1	0.2	-	-	-
1500	1500	0.1	0.2	N/A	N/A	-	-
2000	2000	0.4	-0.2	0.4	-	-	-
3000	3000	0.4	0.1	N/A	N/A	-	-
4000	4000	0.3	0	0.7	-	-	-
6000	6000	1.1	0.7	N/A	N/A	-	-
8000	8000	-0.4	0.1	N/A	N/A	-	-
Speech	N/A	-	-	-	-	-	-

Tone Switching - Fail Time, ms	26
Tone Switching - Rise Time, ms	26.5
Tone Switching - Overshoot, dB	0.08
Tone Switching - Pulsed Width, ms	262.5
Tone Leakage - Off Level, dB Down	109
Tone Leakage - Cross Talk, dB Down	0

- Pass Fail

Shock Hazard	X	
Stability	X	
Speech Signal to Noise Ratio	NA	
Other Unwanted Sound	X	
Subject Response	NA	
Masking Attenuator	NA	
Mechanical Integrity	X	

Attenuator Linearity, dB Deviation																							
Dial Indication	110	105	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0
Error	-	-	-	-	0	0	0	-0.1	0 Ref.	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.3	-0.2	-0.3	-0.4	-0.2

Annual ANSI S3.6-1996	ANSI-96 Type 3,4,5	Phone Type	TDH 39
OSHA Exhaustive Calibration	X	BoneType	B71

Date of Calibration 01/02/2020

Certified By David Eckels

5272 Jerusalem Ct Ste A Modesto, CA (800) 653-3277

SLM L-D 824 sn 1815  
 1" Mic sn 1051; Pre 902 sn 4975  
 Mastoid AMC493b sn 5291

Comments: Unit meets manufacturers specifications.

OWNER CA State Sacramento

MAKE G S I

MODEL 39V5

SERIAL NO. GS0078964

COMPLIANCE SECTION

Probe Tone			Immittance Scale Linearity, ml						
-	Freq.	SPL	Actual	.5	1	2	3	4	5
226 Hz	226	85	226 Hz	0.51	-	1.98	-	-	5.09
1000 Hz	1000	90	1000 Hz	-	-	-	-	-	-

MANOMETER SECTION

Pressure Readings, daPa									
Actual	+200	+100	0	-100	-200	-300	-400	-500	-600
Indication	200	100	0	-100	-200	-	-	-	-
Deviation	0	0	0	0	0	-	-	-	-

Reflex Scale Linearity NA

REFLEX SECTION / AUDIOMETER

Attenuator Linearity, dB Deviation																											
Dial Indication	125	120	115	110	105	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0	
Phone	-	-	-	-	-	-	-	0.1	0	0	0	0 Ref.	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	-0.2	-0.1

Frequency, Hz		Reflex *		Audiometer *	
Indicated	Actual	Contra	IPSI	Left	Right
125	N/A	N/A	N/A	-	-
250	-	-	N/A	-	-
500	500	-	0.1	-	-
1000	1000	-	0	-	-
2000	2000	-	0	-	-
3000	-	-	-	-	-
4000	4000	-	0	-	-
6000	-	-	N/A	-	-
8000	-	-	N/A	-	-

-	Pass	Fail
Distortion	X	
Rise/Decay - O.S.	X	
Off Ratio	X	
Shock Hazard	X	
Noise Stimulus	X	
Mechanical and Electrical Integrity	X	
Pressure Leakage	X	
Battery Check	NA	
Earphone Type	TDH 39	

Acoustic immittance: Refers collectively to acoustic impedance, acoustic admittance and acoustic compliance units.

Units calibrated to manufacturer specifications or to current ANSI S3.6 specifications where it may apply to the reflex section. Manufacturer specifications may supersede ANSI S3.6 Audiometer or ANSI S3.39 immittance Standards.

Date of Calibration 01/02/2020

Certified By David Eckels  
 5272 Jerusalem Ct Ste A Modesto, CA (800) 653-3277

SLM L-D 824 sn 1815  
 1" Mic sn 1051; Pre 902 sn 4975  
 Mastoid AMC493b sn 5291

\* Deviations are from dB HL (ANSI), SPL or Manufacturers Specifications

Unit meets manufacturers specifications.

OWNER CA State Sacramento MAKE G S I MODEL 18 SERIAL # GS0078791 AT# PortAud7/ Audio2

Frequency Hz		Earphone SPL dB Deviation @ 70 dB HL		Distortion THD, -dB Down		Masking dB Deviation	Bone dB Deviation
Indicated	Actual	Left	Right	Air	Bone		
125	125	-0.3	-0.4	N/A	N/A	-	N/A
250	250	0.2	-0.2	0.1	-	-	-
500	500	-0.6	-0.3	0.1	-	-	-
750	750	-0.1	-0.2	N/A	N/A	-	-
1000	1000	-0.1	-0.1	0.3	-	-	-
1500	1500	-0.4	-0.2	N/A	N/A	-	-
2000	2000	-0.2	-0.1	0.4	-	-	-
3000	3000	-0.4	-0.3	N/A	N/A	-	-
4000	4000	-0.4	-0.5	0.8	-	-	-
6000	6000	-0.4	-0.3	N/A	N/A	-	-
8000	8000	-0.2	-0.1	N/A	N/A	-	-
Speech	N/A	-	-	-	-	-	-

Tone Switching - Fail Time, ms	35.25
Tone Switching - Rise Time, ms	35.88
Tone Switching - Overshoot, dB	0.14
Tone Switching - Pulsed Width, ms	214.62
Tone Leakage - Off Level, dB Down	102
Tone Leakage - Cross Talk, dB Down	0

- Pass Fail

Shock Hazard	X	
Stability	X	
Speech Signal to Noise Ratio	NA	
Other Unwanted Sound	X	
Subject Response	NA	
Masking Attenuator	NA	
Mechanical Integrity	X	

Attenuator Linearity, dB Deviation																							
Dial Indication	110	105	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0
Error	-	-	-	-	0.2	0.2	0.1	0.1	0 Ref.	0	-0.1	-0.1	-0.2	-0.2	-0.3	-0.3	-0.4	-0.5	-0.5	-0.5	-0.6	-1.4	-0.4

Annual ANSI S3.6-1996	ANSI-96 Type 3,4,5	Phone Type	DD45
OSHA Exhaustive Calibration	X	BoneType	B71

Date of Calibration 01/02/2020

Certified By David Eckels

5272 Jerusalem Ct Ste A Modesto, CA (800) 653-3277

SLM L-D 824 sn 1815  
 1" Mic sn 1051; Pre 902 sn 4975  
 Mastoid AMC493b sn 5291

Comments: Found with broken headband, probably due to storage in inappropriately small Ambco650a bag. Replaced headband. Unit meets manufacturers specifications.

OWNER CA State Sacramento MAKE WELCH ALLYN MODEL TM262 SERIAL NO. AS074652 AT# 1618

COMPLIANCE SECTION

Probe Tone			Immittance Scale Linearity, ml						
-	Freq.	SPL	Actual	.5	1	2	3	4	5
226 Hz	226	85	226 Hz	0.5	-	1.97	-	-	5.11
1000 Hz	1000	90	1000 Hz	-	-	-	-	-	-

MANOMETER SECTION

Pressure Readings, daPa									
Actual	+200	+100	0	-100	-200	-300	-400	-500	-600
Indication	202	97	0	-101	-198	-	-	-	-
Deviation	2	-3	0	-1	2	-	-	-	-

Reflex Scale Linearity NA

REFLEX SECTION / AUDIOMETER

Attenuator Linearity, dB Deviation																											
Dial Indication	125	120	115	110	105	100	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0	
Phone	-	-	-	-	-	-	-	0	0	0	0	0 Ref.	0	0	0	0.1	0	0	0	0.1	0.2	0.2	0	-0.3	-0.3	-0.5	

Frequency, Hz		Reflex *		Audiometer *	
Indicated	Actual	Contra	IPSI	Left	Right
125	N/A	N/A	N/A	-	-
250	-	-	N/A	-	-
500	499	-	-0.2	-	-
1000	999	-	0	-	-
2000	1999	-	0.3	-	-
3000	-	-	-	-	-
4000	3997	-	0.5	-	-
6000	-	-	N/A	-	-
8000	-	-	N/A	-	-

-	Pass	Fail
Distortion	X	
Rise/Decay - O.S.	X	
Off Ratio	X	
Shock Hazard	X	
Noise Stimulus	X	
Mechanical and Electrical Integrity	X	
Pressure Leakage	X	
Battery Check	NA	
Earphone Type	TDH 39	

Acoustic immittance: Refers collectively to acoustic impedance, acoustic admittance and acoustic compliance units.

Units calibrated to manufacturer specifications or to current ANSI S3.6 specifications where it may apply to the reflex section. Manufacturer specifications may supersede ANSI S3.6 Audiometer or ANSI S3.39 immittance Standards.

Date of Calibration 01/02/2020

Certified By David Eckels  
 5272 Jerusalem Ct Ste A Modesto, CA (800) 653-3277

SLM L-D 824 sn 1815  
 1" Mic sn 1051; Pre 902 sn 4975  
 Mastoid AMC493b sn 5291

\* Deviations are from dB HL (ANSI), SPL or Manufacturers Specifications

Substantial case damage. Unit meets manufacturers specifications.