

Electroacoustic Characteristics (ANSI S3.22:2014 & CTA-2051:2017)

KEY FEATURES		
TRANSPORT AND STORAGE CONDITIONS		
Temperature	From -30°C (-22°F) to 75°C (167°F)	
Humidity	From 20% to high humidity 90% and temperature 45°C (113°F) for 288 hours	
Altitude & atmospheric pressure	Altitude of 40.000 ft (12.192 m) (18.8 kPa) for 12 hours at both -10°C (14°F) and 45°C (113°F)	
Time to warm from minimum storage temperature until it is ready for intended use	Approximately 15 minutes	
Time to cool from the maximum storage temperature until it is ready for intended use	Approximately 10 minutes	
Electroacoustic Characteristic (ANSI S3.22:2014 & CTA-2051:2017) OTC		
Hearing Aids		
Frequency Band	Standard Band Device	
Frequency Response Bandwidth	200 Hz – 5000 Hz	
Equivalent Input Noise	31,2 dB	
Total Harmonic Distorsion	<1%	
Maximum OSPL90	110,5 dB	
HFA OSPL90	100,1 dB	
Maximum Full-On-Gain	20,3 dB	
HFA Full-On-Gain	9,8 dB	
Input Distorsion at 80 dB SPL	1%	
Latency	8,8 ms	
Guidance and manufactures declaration for electromagnetic emissions		
Emission standard	Type	Compliance to standard
CISPR 11	Radiated and Conducted RF emissions	Yes, Group 1, Class B
Guidance for application Environment		
Nuance Audio™ Glasses are suitable for use in both professional as well as domestic environments. The device must emit electromagnetic energy in order to perform its intended function. Nearby electronic equipment may be affected.		