

Leya-BTE-P(12)

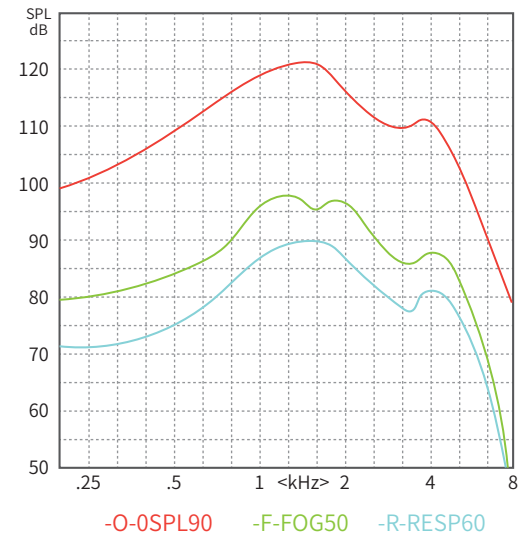
Technical Specification



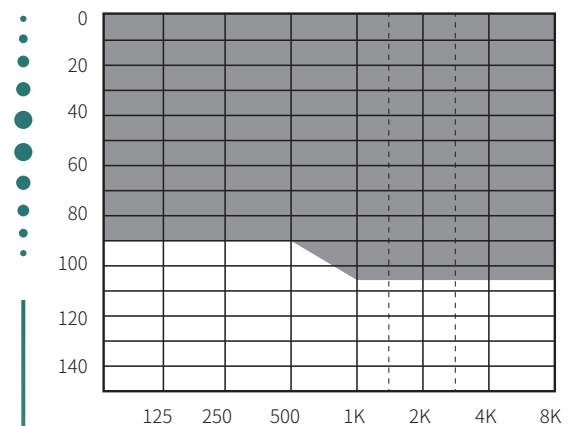
Function

ACOD Intelligent Multi-Core DSP	ACOD3100
ERAC Context Analysis Based Intelligent Multi-Compression Technology	ERAC1.0, Dual-Knee
ENDR Environment Detection and Noise Reduction System	ENDR2.0 Max 20dB
DFBC Adaptive Feedback Cancellation	DFBC2.0, 1 Level
SIW Technology	SIW
DSP Channels	48
Independent Adjustable Band	24
Independent Adjustable Compression & Amplification Channels	12
Programs Selectable	4
Transient Noise Management	Standard
Wind Noise Management	Standard
Occlusion Effect Management	Yes
Directional Dual-Microphone Technology	Standard Self-Adaptive directional Tech
Directional Speech Enhancement Technology	Standard
Noise Source Tracking and Suppression Technology	Standard
Environment Recognition Management System	Standard
Personalized Data Storage	Standard
Nano Coating Technology	No
Internal Audiometer System	Yes
Internal Sound Field Assessment System	Yes
Adjustable Notification Frequency and Volume	Yes
Adjustable Turn-on Delay	Yes
Memory After Power-off	Yes
Low Battery Power Notification	Yes
Volume Control	Yes
Auto Phone Function	Yes

Test diagram



Test diagram ≤105dB



Technical Data

Model	Leya-BTE-P
Maximum output OSPL 90(dB) / MAX	134.9
HFA output OSPL 90(dB) / HFA	127.8
Full-on Gain FOG 50(dB) / MAX	59.9
HFA output FOG 50(dB) / HFA	52.2
Total Harmonic Distortion / THD(Hz)	
500 Hz (%)	1.7
800 Hz (%)	0.2
1600 Hz (%)	0.3
Reference Test Gain (RTG) / Target	50.8
Reference Test Gain (RTG) / Measure	51.3
EQ input noise (dB)	8.8
Current Drain(dB)	1.5