

Noise-Cancelling Headphones Comparison

	AKG	AKG	Apple	Beats	Bose	Bose	Bose	Bose	Bose	Blitzwolf	Bowers & Wilkins	JBL	Paww	Plantronics	Sennheiser	Sennheiser	Sennheiser	Sony	Sony	
Model	N60NC	N60 NC	AirPods Pro	Studio3	QuietComfort 20	QuietComfort 25	QuietComfort 35 (Series I)	QuietComfort 35 (Series II)	QuietControl 30	BW-ANC1	PX	Everest Elite 750NC	WaveSound 30	Voyager 8200 UC	HD 4.50	PXC 550	HD1	WH-H900N	WH-1000XM2	
Type	On-ear	On-ear	In-ear	Over-the-ear	In-ear	Over-the-ear	Over-the-ear	Over-the-ear	In-ear	In-ear	Over-the-ear	Over-the-ear	Over-the-ear	Over-the-ear	Over-the-ear	Over-the-ear	Over-the-ear	Over-the-ear	Over-the-ear	Over-the-ear
Design	Open Aire	Open Aire	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed
Wireless	•	X	•	•	X	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Battery life (Wireless playback, ANC on)	15 hours	N/A	4.5 hours	22 hours	16 hours	N/A	20 hours	20 hours	10 hours	6 hours	22 hours	15 hours	16 hours	24 hours	19 hours	20 hours	22 hours	28 hours	30 hours	
Battery life (Wired playback, ANC on)	15 hours	30 hours	N/A	22 hours	N/A	35 hours	40 hours	40 hours	N/A	N/A	33 hours	15 hours	16 hours	24 hours	19 hours	30 hours	22 hours	28 hours	N/A	
Battery life (Wireless, only ANC on)	30 hours	N/A	4.5 hours	N/A	N/A	N/A	N/A	N/A	6 hours	22 hours	N/A	24 hours	N/A	N/A	N/A	30 hours	N/A	N/A	N/A	
Battery life (Wireless playback, ANC off)	N/A	N/A	5 hours	40 hours	N/A	N/A	N/A	N/A	6 hours	29 hours	20 hours	16 hours	N/A	25 hours	N/A	N/A	N/A	34 hours	38 hours	
Charging time	2-3 hours	2-3 hours	1h	1.5 hours	2 hours	N/A	2.25 hours	2.25 hours	3 hours	2 hours	3 hours	3 hours	2 hours	3 hours	2 hours	3 hours	3 hours	6 hours	4 hours	
Quick charge	N/A	N/A	5 mins for 1 hour	10 mins for 3 hours	N/A	N/A	X	15 mins for 2.5 hours	15 min for 60 min	X	X	X	X	X	X	X	X	X	10 min for 65 min	10 min for 70 min
NFC	X	X	•	X	N/A	N/A	•	•	•	X	X	X	X	•	•	•	•	•	•	•
Audio	aptX, AAC	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary	aptX	aptX, AAC, SBC	TruNote	aptX	aptX	aptX	aptX	aptX	DSEE HX, SBC, AAC, aptX, aptX HD, LDAC	DSEE HX, S-MASTER HX, SBC, AAC, aptX, aptX HD, LDAC	
Noise-cancellation	Active	Active	Adaptive Active	Active	Active	Active	Active	Active	Active, Passive	Active, Passive	Adaptive Active	Adaptive Active	Active	Dual-mode Active	NoiseGuard Hybrid Active	NoiseGuard Hybrid Active	NoiseGuard Hybrid Active	Active, AI	Active, AI, Customizable, Atmospheric Pressure Optimizing	
Microphone	Single	Single	Dual beam-forming	Single	Single	Dual	Dual	Dual	Dual	Single	Four (ANC), Two (Calls)	Single	Single	Four with DSP	Dual	Three beam-forming	Four beam-forming	High-definition	High-definition	
Playback controls	Buttons	Buttons	Force sensor	Buttons	Buttons	Buttons	Buttons	Buttons	Buttons	Buttons	Buttons	Buttons	Buttons	Buttons, Dial	Buttons	Touch sensor	Buttons	Touch sensor	Touch sensor	
Comfort	★★★	★★★	★★★★★	★★	★★★★★	★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★★	★★★★
Material of earpieces	Synthetic	Synthetic	Plastic	Synthetic	Silicone	Synthetic	Synthetic	Synthetic	Silicone	Silicone	Leather	Synthetic	Synthetic	Synthetic with nano coating	Synthetic	Synthetic	Leather	Synthetic	Synthetic	
MSRP	\$299.95	\$249.95	\$249.95	\$349.95	\$249.95	\$279.00	\$329.00	\$349.95	\$299.95	\$79.99	\$399.00	\$299.95	\$149.99	\$379.95	\$179.95	\$349.95	\$399.95	\$299.99	\$349.99	

ANC	MIC
Excellent (25db+)	Good
Good (21 - 24db)	OK
OK (20db)	Poor
Not Tested	Not Tested