

INDEPENDENT LABORATORY TESTS

In-ear headphones

Wireless with active noise cancellation



JBL
Tour Pro 3



Sennheiser
Momentum
True Wireless 4



Apple
AirPods 4
(ANC)



Sony
WF-1000XM5



Samsung
Galaxy Buds 3 Pro



Nothing
Ear



Bose
QuietComfort
Ultra



Marshall
Motif II
A.N.C.



Philips
TAT8506
Pro 8000 Series



Sound by Sweden
Supra Nero-TX Pro

Approximate price	€	300	210	200	220	200	150	230	160	150	120
Consumer contact		jbl.com	sennheiser.com	apple.com	sony.com	samsung.com	se.nothing.tech	bose.com	marshall.com	philips.com	soundbysweden.com

PRODUCT FACTS											
IP-rating (water resistance)		IP55 (jet proof)	IP54 (splash proof)	IP54 (splash proof)	IPX4 (splash proof)	IP57 (waterproof 1 m)	IP54 (splash proof)	IPX4 (splash proof)	IPX5 (jet proof)	IPX4 (splash proof)	IPX6 (pressure jet proof)
Charging cable included		Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Extra silicone tips		5 sizes	3 sizes	None	4 sizes	3 sizes	3 sizes	3 sizes	3 sizes	6 sizes	3 sizes
Weight of headphones	g	11	12	9	12	11	9	14	9	14	8
Wireless charging		Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
Volume control on headphones		Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes

MEASUREMENTS AND RESULTS FROM THE LABORATORY TEST											
Audio quality for audiobooks	1-10	9,7	9,7	9,7	9,7	9,7	8,7	9,0	8,3	9,0	6,0
Audio quality for pop & rock music	1-10	8,3	9,0	9,0	9,3	8,3	8,0	8,0	7,0	8,0	5,3
Microphone audio quality	1-10	8,3	5,7	8,3	7,3	5,3	8,3	5,3	7,3	7,0	6,0
Noise cancellation effect (noise level)*	dB(A)	28	29	21	30	23	18	27	19	25	19
Controls and settings	1-10	8,3	9,7	5,3	6,7	8,0	8,3	9,3	8,3	4,3	4,0
Comfort and fit	1-10	7,7	7,7	8,3	7,3	7,7	8,3	7,7	6,7	5,3	8,3
Battery life of earbuds	hours	9,5	7,5	4,5	8,5	5,5	5,0	7,0	8,5	11,0	10,0
Battery life from case charging	hours	38,0	26,3	18,0	17,0	16,5	22,5	28,0	29,8	33,0	70,0

TEST RESULTS RATED 1 TO 10, WHERE 10 IS BEST (WEIGHT IN OVERALL SCORE IN PARENTHESES)											
Audio quality	50 %	8,5	8,3	8,6	8,6	8,0	7,9	7,7	7,3	8,0	5,7
User-friendliness	30 %	7,6	8,0	7,8	7,1	7,8	8,0	8,1	7,5	5,5	5,6
Battery capacity	10 %	8,6	7,4	6,0	7,6	6,4	6,3	7,3	7,9	9,0	9,6
Durability	10 %	8,3	7,8	7,8	7,5	9,3	7,8	7,5	8,0	7,5	8,5

OVERALL SCORE		8,2	8,1	8,0	8,0	7,9	7,8	7,8	7,5	7,3	6,4
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Comment		Best in test. Very good audio quality and good microphone sound. Good noise cancellation and good battery capacity.	Very good sound quality but weaker microphone. Good noise cancellation and user-friendly.	Very good sound quality. Poor battery capacity and more difficult controls and settings (e.g., no volume control).	Very good sound quality.	Good sound quality but relatively poor microphone sound. Lower battery capacity. Highest water resistance.	User-friendly and good microphone. Poor noise cancellation and low battery capacity.	Good sound quality but weaker microphone. Good noise cancellation.	Lower sound quality and weaker noise cancellation but good microphone. Poor comfort and fit.	Good sound quality. Poor fit and comfort (protrudes a lot). Difficult controls and settings (no volume control, lag in commands).	Poor sound quality, weaker microphone. Poor noise cancellation. Difficult controls and settings. Very good battery capacity. Loose lid.
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