

Appendix S5 - Results of detectability test for single device model

The following table provides results of detectability test for each device model. The test was performed in daytime, in November 2022 in a 150-m stretch of an unused road outside Turin. For each distance from source (ultrasonic speaker), the number of calls recorded by each device is showed.

Device type	Device OS	Brand	Device model	Device model name	Number of calls recorded					
					2 m	4 m	8 m	16 m	32 m	64 m
Bat detector		Wildlife Acoustics		Song Meter Mini Bat	32	32	32	30	13	0
Mobile device	iOS	Apple	A2105	iPhone XR	32	32	31	29	21	6
Mobile device	iOS	Apple	A2218	iPhone 11 Pro Max	32	31	31	30	29	12
Mobile device	iOS	Apple	A2296	iPhone SE	32	31	29	27	21	5
Mobile device	iOS	Apple	A2633	iPhone 13	32	32	31	31	29	14
Mobile device	Android	Huawei	FIG-LX1	P smart	32	32	29	22	7	0
Mobile device	Android	Xiaomi	M2003J6B2G	Redmi Note 9 Pro	32	32	31	22	8	0
Mobile device	Android	Xiaomi	M2010J19SY	Redmi 9T	32	32	32	30	22	4
Mobile device	Android	Samsung	SM-A515F	Galaxy A51	32	32	31	21	10	0
Mobile device	Android	Samsung	SM-G950F	Galaxy S8	32	32	25	12	3	0
Mobile device	Android	Samsung	SM-T819	Galaxy Tab S2	32	32	29	16	7	0