

Audiogram of the little brown bat (*Myotis lucifugus*)

Data from: Dalland, J.I. (1965) Hearing sensitivity in bats. *Science*,150, 1185-1186.

Absolute thresholds (in dB re 20 $\mu\text{N}/\text{m}^2$) for a single little brown bat

Frequency (in kHz)	Threshold (in dB)
10	(65)
12.5	20
15	28
20	17
25	15
35	18
40	10
45	19
50	22
55	17
60	15
70	27
80	24
90	22
100	29
120	72

Lowest and highest frequencies audible at sound pressure levels (SPL) ranging from 30 to 70 dB SPL

SPL (in dB)	Lowest audible frequency (in kHz)	Highest audible frequency (in kHz)
70	10	120
60	10.3	115
50	10.9	109
40	11.3	104
30	12	100

Additional Parameters:

Body weight = 6 g

Functional interaural distance= 41 μs

(Time required for sound to travel around the head from one auditory meatus to the other.)

Comments: Threshold values taken from graph in Dalland,1965.