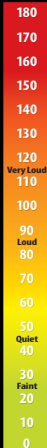


NOISE-INDUCED HEARING LOSS

Know the Risk



Decibel Level

Daily Allowable Sound Exposure Limit

Music Environment **Typical dB** **No earplugs**

Rock Concert
Range: 80-120 dB

106 dB

< 4 mins

6 hrs

Drumline
Range: 92-110 dB

102 dB

<10 mins

SAFE

Marching Band
Range: 85-115 dB

100 dB

15 mins

SAFE

Concert Band
Range: 89-97 dB

93 dB

1 hr 15 mins

SAFE

Symphony
Range: 80-102 dB

91 dB

2 hrs

SAFE

Orchestra Pit
Range: 82-95 dB

88 dB

4 hrs

SAFE

With ETY-Plugs® or ER20™XS Earplugs

1. Locate your instrument below.
2. Note the range of sound levels it can produce.
3. Using the chart above, compare how using **ETYMOTIC high-fidelity earplugs** dramatically increases the amount of time you can listen without risking hearing loss.

Alto sax 110 – 113 dB

Bass Drum 100 – 122 dB

Bassoon 80 – 93 dB

Clarinet 93 – 119 dB

Cymbals 118 – 121 dB

Euphonium/Baritone 96 – 113 dB

Flugelhorn/Bugle 109 – 120 dB

Flute 100 – 112 dB

French horn 92 – 104 dB

Mellophone 92 – 111 dB

Oboe 74 – 102 dB

Piccolo 102 – 112 dB

Snare drum 102 – 113 dB

Tenor sax 110 – 115 dB

Timpani 74 – 94 dB

Trombone 106 – 113 dB

Trumpet/Cornet 109 – 120 dB

Tuba/Contrabass 110 – 117 dB

Violin 85 – 105 dB

Viola 85 – 105 dB