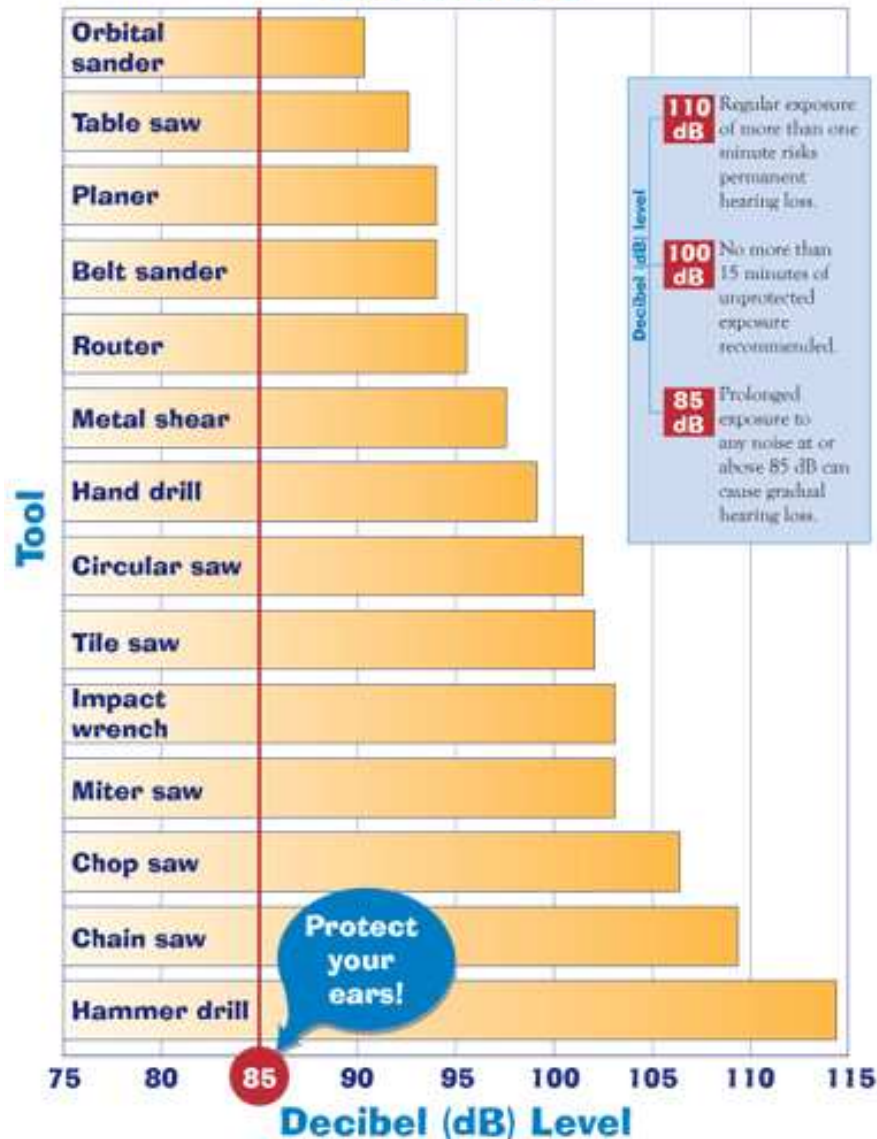


Hearing Protection - OSHA

How Loud Is It? Sound Chart



| LEVEL | OSHA MAX TIME |
|--------------|---------------|
| > 115 dB SPL | NONE |
| 115 dB SPL | 15 minutes |
| 110 dB SPL | 30 minutes |
| 105 dB SPL | 1 hour |
| 102 dB SPL | 1.5 hours |
| 100 dB SPL | 2 hours |
| 97 dB SPL | 3 hours |
| 95 dB SPL | 4 hours |
| 92 dB SPL | 6 hours |
| 90 dB SPL | 8 hours |

Hearing Protection

| Woodworking Tools | A-weighted Decibels (dBA) at User's Ear |
|------------------------|--|
| Minilathe with spindle | 60 |
| Drill Press | 66 |
| Spindle Sander | 70 |
| Brad Nailer | 74 |
| 1-hp Dust Collector | 76 |
| 6" Jointer | 83 |
| 10" Cabinet Table Saw | 88 |
| 5" Random Orbit Sander | 90 |
| 2-hp Air Compressor | 94 |
| 14" Band Saw | 95 |
| Biscuit Joiner | 98 |
| Router | 100 |
| Shop Vacuum | 101 |
| Miter Saw | 103 |
| Bench Top Planer | 105 |
| Circular Saw | 109 |
| Chain Saw | 111 |

Table 2. Woodworking tools and their noise levels.

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Hearing Protection

In-Ear Solutions



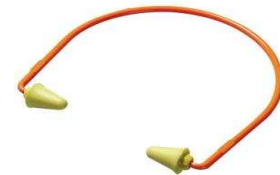
6 dB
\$8.49
Home Depot



32 dB
\$2.97
PKG 7
Home Depot



29 dB
\$2.97
Home Depot



28 dB
\$6.97
Home Depot

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Hearing Protection

Over-Ear Solutions

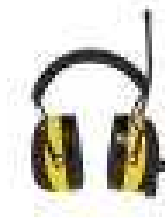


**Ear
Muffs**

30 dB

\$24.99

**Home
Depot**



**AM/FM
Radio**

22 dB

\$54.97

**Home
Depot**



**Noise
Cancellation**

30 dB

\$104.95

Amazon

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Hearing Protection

Sound Meter App for Smart Phone - Android

