

Home Subwoofers

Why you should **not** buy a subwoofer:

You always listen to music very softly.

You just listen to string quartets, or choral music.

You can't afford a quality subwoofer costing \$400 or more.

You live in an apartment with very thin walls and a grouchy neighbor on the other side.

Why you **should** buy a subwoofer:

You have a home theater setup and watch action movie DVDs.

You love to listen to music with a wide range, like classic orchestra or big band jazz.

You listen to rock, rap or pipe organ music.

Why you should buy **two** subwoofers

You can recognize the improved definition and balance in the room.

You have a first class sound system and you can afford it.

Q&A

QUESTION: Why does Toby Corp mount two drivers on opposite sides of the Cube 14 cabinet?

ANSWER: To cancel cabinet vibration.

EXPLANATION: Newton's 3rd law says for every action there is an equal and opposite re-action. When the amplifier sends a signal to move the speaker diaphragm forward, an equal and opposite force

moves the cabinet backwards, out of phase with the woofer. Result: loss of power and clarity.

QUESTION: Why don't more subs use this method to improve efficiency and accuracy?

ANSWER: We don't know. The improvement is easy to hear, and there are several subwoofers (Paradigm Reference Signature 2 @ \$7500 comes to mind) that have recently adopted a force canceling designs.