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## REVIEW: Audioengine B2 Premium Bluetooth Speaker!

By [David Foster](#) / 04.01.15 / [ImpartialGeek](#)

### M Y O V E R A L L R A T I N G

Howdy !

Well, by now you probably already know that I love music. Both Luria and I go to a concert every chance we get. Be sure to watch for her behind the scenes look at a Brandi Carlile show we saw in Austin that was... well, AMAZING. Anyway, this is my [Audioengine B2](#) review!

First of all, I am an Audioengine fan. I have a pair of the Audioengine 5+ Desktop speakers, as well as the Audioengine S8 Sub (all in white, of course). I have tried **MANY** speakers for my desk, and none have come close to the sound these things put out, so when I saw they had a Bluetooth speaker, well I just **HAD** to try it...





MY AUDIOENGINE S8 SUB

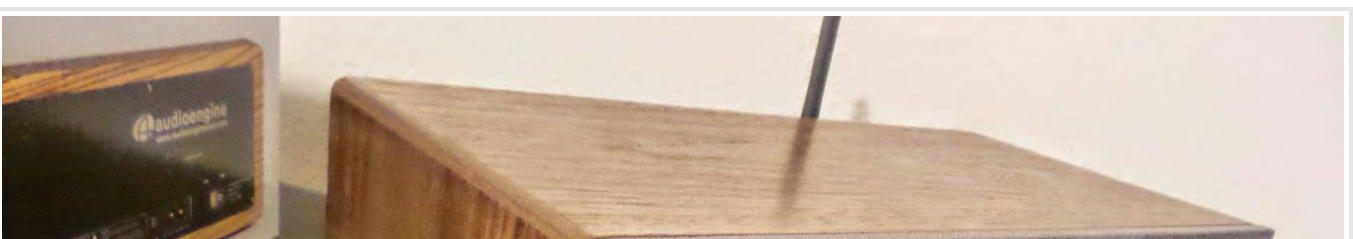


MY AUDIOENGINE 5+ SPEAKER

OK... what about this Bluetooth speaker you ask? Well, let's dive in shall we?

First of all, I am on a personal mission. I am out to find **THE** very best Bluetooth Speaker made. I will be rating them by manufacturing quality as well as overall sound. I know sound is a personal preference, so understand that these will be my personal video, but you are welcome to borrow it as your own. 😊

Ok, so At first glance, this thing just looks solid. It has a **VERY** nice wood finish, and when I grabbed it, true to form, it felt like it had some weight to it... very sturdy.





AUDIOENGINEB2 PREMIUM BLUETOOTH SPEAKER

I have touched many-a-Bluetooth in my day, and have felt others that were solid as well, but then when I turned them on, they disappointed me! These did not! For a speaker that [retails at \\$299.00](#), all I was thinking is... this thing better pack a **MEAN** punch!!

Here are some images of the back as well...so you can see what ports you have available...





So if you're in the market for a new Bluetooth Speaker, and you have a few hundred bucks, this would be a GREAT one.

#### CONS:

It's not portable (wireless)

#### TECH SPECS FOR THE GEEKS:

High-fidelity Bluetooth® with aptX® transmission and extended range

Supports all Bluetooth-enabled devices

Hand-built wood cabinet with magnetic speaker grills

Auxiliary analog mini-jack input

Built-in auto voltage switching power supply

#### Type

Powered Bluetooth speaker

#### Amplifier type

Dual class AB monolithic

## **Power output**

60W peak total (15W RMS, 30W peak per channel), AES

## **Drivers**

2.75" Kevlar woofers

3/4" Silk dome tweeters

## **Inputs**

Bluetooth, 3.5mm stereo mini-jack analog

## **Analog input impedance**

10K ohms unbalanced

## **Frequency response**

65Hz-22kHz ( $\pm 2.0$ dB)

## **SNR**

>95db (typical A-weighted)

## **THD+N**

<0.05% at all power settings

## **Crosstalk**

-50dB

## **Power filtering**

3-stage redundant regulation

## **Input voltages**

100-240V, 50/60Hz auto-switching

## **Protection**

Output current limiting, thermal over-temperature, power on/off transient protection

## **Bluetooth receiver type**

Bluetooth 4.0 audio with aptX codec

## **Supported Bluetooth profiles**

aptX, A2DP, and AVRCP

## Wireless operation range

up to 100ft (30m) typical

## D/A converter

TI PCM5102A

## Input bit depth

24-bit (upsampled)

## Input data rate

Determined by Bluetooth

## Wireless latency

~30 milliseconds (ms)

## Product dimensions

4.25"(H) x 12.25"(W) x 5.50"(D)

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### About David Foster

Just a geek who loves life. I LOVE looking for cool gadgets and stuff to make my life simpler. I also happen to be a musician and bacon swallower. I also happen to be Luria's better half. Oh wait.

Actually, she's the better half. I would go even farther to say she's the better 3/4. Anyway, join me

on my journey, and lets have some fun!

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