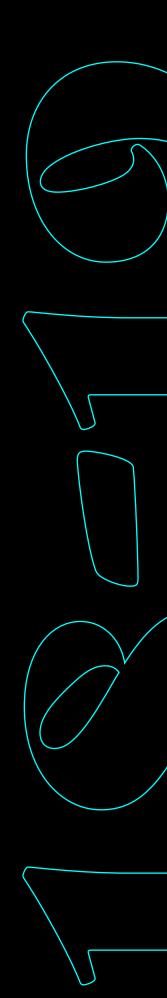
# Home audio Evinyl



# Topic

#### Everyone listens to music.

However, everyone has different taste and a preferred listening method. Audio quality is important in order to truly enjoy the songs we all love. So why do get stuck listening to most of our music on headphones or laptop speakers? For many home audio and vinyl is too expensive and is much more involved than connecting to a bluetooth speaker, or plugging in headphones. What if it wasn't? Through survey research I learned a majority of my audience were interested in listening to vinyl records and had considered buying a home audio system but had never installed audio equipment and felt the task was too difficult. The goal of this project is to make that process as accessible as possible. On average we listen to 32 hours of music every week. Wouldn't you enjoy those 32 hours a lot more if it sounded like the artist was right there in your living room? Through this project I aim to make home audio and vinyl cheaper and easier to get started with and more simple to understand. I plan to achieve this with an all in one home audio package where all the info you need to know is in an easy to use manual which makes the set-up and painless and fun, new records get delivered to your door each month, and where all the components can be controlled with your phone.

### Brief

#### **BACKGROUND**

Home audio and vinyl has been a favorite hobby of mine for about 6 years now and I've noticed it's something that a lot of my friends and family are really interested in, however often times they're intimidated with getting started. A lot of research is involved and a many separate components that you can't buy together as a package deal. After completing research through surveys, market research, and visual research I have learned that Americans are listening to a rapidly increasing amount of music and almost all of them find audio quality to be an important factor in their daily listening routine. This information paired with the fact that vinyl is now outselling CDs and digital purchases to a point where vinyl sales have increased 260% since 2009, shows an obvious demand for a simpler solution to building an inexpensive, user friendly home audio kit.

#### **AUDIENCE**

My audience consists of both women and men anywhere from 18-24. Despite this specific generation's tech-savvy demeanor, 60.5% of my audience found instillation of speaker components to be an intimidating task. Nearly all of which had considered buying a home audio system, but were turned away due to expense, or lack of knowledge. My audience is primarily college students who are on a tight budget and frequently moving, so cost and portability are my main considerations for the production of these products.

#### **OBJECTIVE**

The objective is to create a home audio experience that appeals to those who love music and want to improve how they listen to music but don't want to do the research or spend thousands of dollars on premiere audio equipment. With the increasing demand and nostalgia for vinyl records I want to make the process of getting involved with a new hobby as painless and affordable as possible, yet unimaginably rewarding. In order to do this users must find the installation process simple, the instructional booklet easy to understand, and the most basic kit should not exceed \$500.

#### **DELIVERABLES**

This project will include a fair amount of deliverables. Branding for the product and company will include a cohesive set of brand guidelines along with a website and receiver compatible app. 3D renders of each product will be created with help from two product designers. I will create and construct the package design for each component. The package design will be simple and use color-based instruction for easy installation. I will also be designing and constructing a small instructional booklet with installation instructions along with everything you need to know about your equipment and the hobby as a whole. I will consider this project a success if it helps persuade those intimidated by the installation and research process to give home audio a try, and if it gets people motivated to improve the quality of those 32 hours they spend listening to music every week.

#### SURVEY

#### WHAT I DID

I created this survey in order to understand exactly why so many people I know have considered buying home audio systems and love to listen to vinyl but are intimidated with getting started. I created a running list of question I had regarding preferred listening methods, streaming services, the importance of audio quality, etc. I used Google Forms to create my survey and gave users about 4 weeks to supply answers. A majority of the results came in within the first few days. By the time I was ready to close the survey I had received about 50 responses. While it isn't an extremely large audience, a majority of my research was created to understand opinion and habits, as opposed to trends and heavily number-based data.

#### MY GOALS

The goal of this survey is to learn about others music listening habits and understand why they prefer the methods they do. While I love listening to my music on a home audio system I know others may not listen to music as often or care about how their music sounds. On top of this I wanted to figure out the biggest reasons for avoiding home audio and vinyl. This was the primary method for learning about my target audience while my other methods focused more so on the design and material of the product itself.

#### **RAW DATA**

AGE	GENDER	HOW OFTEN DO YOU LISTEN TO MUSIC?	HOW OFTEN DO YOU BUY VINYL?	HOW OFTEN DO YOU BUY DIGITAL MUSIC?
25-34	Female	Often	Never	Sometimes
18-24	Female	Often	Never	Sometimes
18-24	Male	Sometimes	Sometimes	Never
18-24	Female	Sometimes	Never	Never
18-24	Male	Always	Never	Never
18-24	Male	Often	Rarely	Rarely
35-44	Male	Often	Never	Sometimes
18-24	Female	Always	Never	Never
18-24	Male	Always	Often	Rarely
18-24	Male	Always	Often	Sometimes
18-24	Female	Always	Never	Rarely
18-24	Female		Never	Never
18-24	Male	Always	Rarely	Rarely
18-24	Male	Always	Rarely	Often
18-24	Female	Always	Often	
18-24	Male	Always	Sometimes	Rarely
18-24	Male	Often		Never
		Always	Rarely	Rarely
18-24	Female	Always	Often	Often
18-24	Female	Always	Never	Always
18-24	Female	Often	Never	Rarely
18-24	Male	Often	Rarely	Sometimes
18-24	Female	Sometimes	Never	Never
18-24	Male	Always	Never	Never
18-24	Female	Sometimes	Often	Never
18-24	Male	Always	Sometimes	Never
18-24	Female	Always	Never	Always
18-24	Female	Always	Often	Never
18-24	Male	Often	Rarely	Rarely
18-24	Male	Always	Never	Never
18-24	Female	Often	Never	Rarely
35-44	Male	Often	Never	Often
18-24	Male	Always	Often	Rarely
18-24	Male	Always	Never	Rarely
18-24	Male	Always	Sometimes	Never
18-24	Female	Sometimes	Never	Never
18-24	Female	Often	Never	Never
18-24	Female	Often	Never	Always
18-24	Male	Always	Never	Never
18-24	Male	Always	Never	Rarely
18-24	Female	Always	Rarely	Never
18-24	Female	Always	Rarely	Never
18-24	Male	Always	Never	Never
18-24	Male	Often	Never	Rarely

### SURVEY | Raw Data

HOW OFTEN DO YOU BUY CDS?	PREFERRED LISTENING METHOD	PREFERRED STREAMING METHOD	AUDIO QUALITY IMPORTANCE (1-5)
Never	Headphones	Spotify, Apple Music, Pandora, iTunes library	5
lever	Headphones, Bluetooth speaker, Live at events	Spotify	4
lever	Headphones, Bluetooth speaker, Home audio, Phone speaker, Laptop speaker, Radio	Spotify, Vinyl	4
ever	Bluetooth speaker	Spotify	3
ever	Headphones	Google Play Music	2
ever	Headphones, Bluetooth speaker	Spotify, Vinyl	3
ometimes	Headphones, Bluetooth speaker, Laptop speaker, Radio	Apple Music, iTunes library, CDs, Downloads or ripped from CDs	5
ever	Headphones, Home audio	Spotify	3
ften	Headphones, Bluetooth speaker	Spotify, Vinyl, CDs	5
arely	Headphones, Bluetooth speaker, Home audio, Phone speaker, Laptop speaker, Radio	Spotify, Vinyl, Cassette, CDs	5
arely	Headphones	Spotify	4
ever	Headphones, Bluetooth speaker, Phone speaker, Laptop speaker, Radio	Spotify, Pandora	4
ever	Headphones	Spotify, Record player	4
arely	Bluetooth speaker, Home audio	Apple Music, iTunes library	4
ften	Headphones, Bluetooth speaker, Home audio, Radio	Apple Music, iTunes library, Vinyl, Cassette, CDs	4
ever	Headphones	Spotify	3
ometimes	Headphones, Home audio, Radio	Vinyl, CDs, Music server	5
ometimes	Headphones, Record player	Spotify, iTunes library, Vinyl	5
ever	Headphones, Bluetooth speaker	Spotify	5
arely	Headphones, Home audio	Spotify, iTunes library, CDs	5
ometimes	Headphones, Home audio, Phone speaker, Laptop speaker	Cassette, CDs, Torrent	4
ever	Bluetooth speaker, Home audio	Spotify, iTunes library	3
ever	Headphones, Phone speaker	Spotify	4
arely	Bluetooth speaker, Home audio	Spotify, Vinyl	4
ever	Headphones, Home audio	Spotify, Vinyl	4
arely	Headphones, Bluetooth speaker, Phone speaker, Laptop speaker	Spotify	4
ırely	Headphones, Home audio, Laptop speaker	Spotify, Vinyl	5
arely	Headphones, Bluetooth speaker, Home audio, Concerts/live	Spotify, Pandora, Vinyl, CDs, Instruments	4
ever	Headphones, Bluetooth speaker, Home audio, Radio	Spotify	5
ever	Headphones, Bluetooth speaker, Home audio	Spotify, CDs, Amazon Music	5
metimes	Headphones, Home audio, Radio, in my car	Apple Music, CDs	5
metimes	Headphones, Bluetooth speaker, Home audio	Spotify, Vinyl, CDs	4
ever	Headphones, Bluetooth speaker	Apple Music	5
ever	Headphones, Home audio	Spotify, Vinyl	4
ever	Headphones	Spotify	2
arely	Headphones, Bluetooth speaker	Spotify	4
ever	Headphones, Bluetooth speaker, Laptop speaker	Spotify, Pandora	4
ever	Headphones, Home audio	Spotify	4
ever	Headphones, Bluetooth speaker, Laptop speaker	Spotify, iTunes library	4
ever	Headphones, Bluetooth speaker, Radio	Spotify	4
ever	Headphones, Bluetooth speaker, Home audio, Phone speaker, Laptop speaker	Apple Music, Vinyl	5
ever	Headphones	Youtube	4
ever	Headphones	Spotify, iTunes library	<b>l</b> 4

SURVEY | Raw Data

#### RAW DATA

AUDIO INSTALLATION EXPERIENCE	IS AUDIO INSTALLATION INTIMIDATING?	PREFERRED METHOD OF INSTRUCTION	INTEREST IN LISTENING TO VINYL	INTEREST IN COLLECTING VINYL	CONCERT ATTENDANCE FREQUENCY (YEAR)
No	Yes	Visual	No	No	Never
No	Yes	Visual	Maybe	No	7-9 times
Yes	No	Verbal	Yes	Yes	1-3 times
No	Yes	Visual	Maybe	No	1-3 times
No	Yes	Visual	Yes	Yes	1-3 times
No	Yes	Verbal	Yes	Yes	1-3 times
Yes	No	Visual	Maybe	Maybe	1-3 times
No	No	Written	Maybe	Maybe	1-3 times
No	No	Visual	Yes	Yes	7-9 times
Yes	No	Visual	Yes	Maybe	7-9 times
No	Yes	Visual	Yes	Yes	1-3 times
No	Yes	Visual	No	No	1-3 times
No	Yes	Visual	Yes	Yes	Never
Yes	No	Written	Yes	Yes	Never
Yes	Yes	Visual	Yes	Yes	4-6 times
Yes	No	Visual	Yes	Yes	1-3 times
Yes	No	Written	Yes	Yes	1-3 times
No	Yes	Visual	Yes	Yes	4-6 times
No	No	Visual	Yes	Yes	1-3 times
No	Yes	Visual	Yes	No	1-3 times
No	No	Visual	Yes	Maybe	4-6 times
No	Yes	Visual	Yes	Maybe	1-3 times
No	No	Visual	Maybe	No	1-3 times
Yes	Yes	Visual	Yes	Yes	1-3 times
Yes	Yes	Written	Yes	Yes	7-9 times
No	Yes	Visual	Yes	Yes	1-3 times
Yes	Yes	Visual	Yes	Yes	4-6 times
Yes	Yes	Visual	Yes	Yes	4-6 times
Yes	No	Visual	Yes	Maybe	Never
No	Yes	Visual	Yes	Maybe	1-3 times
No	Yes	Visual	Yes	Yes	1-3 times
Yes	No	Visual	Yes	Yes	10+
No	Yes	Visual	Yes	Yes	1-3 times
Yes	No	Visual	Yes	Yes	4-6 times
No	Yes	Visual	Yes	No	7-9 times
No	Yes	Visual	Yes	Yes	4-6 times
No	Yes	Visual	Yes	Maybe	4-6 times
Yes	No	Visual	Yes	Yes	1-3 times
Yes	No	Visual	Maybe	Maybe	1-3 times
No	Yes	Visual	Yes	Yes	4-6 times
Yes	Yes	Visual	Yes	Yes	4-6 times
No	Yes	Visual	Yes	Yes	Never
No	No	Verbal	Yes	No	Never

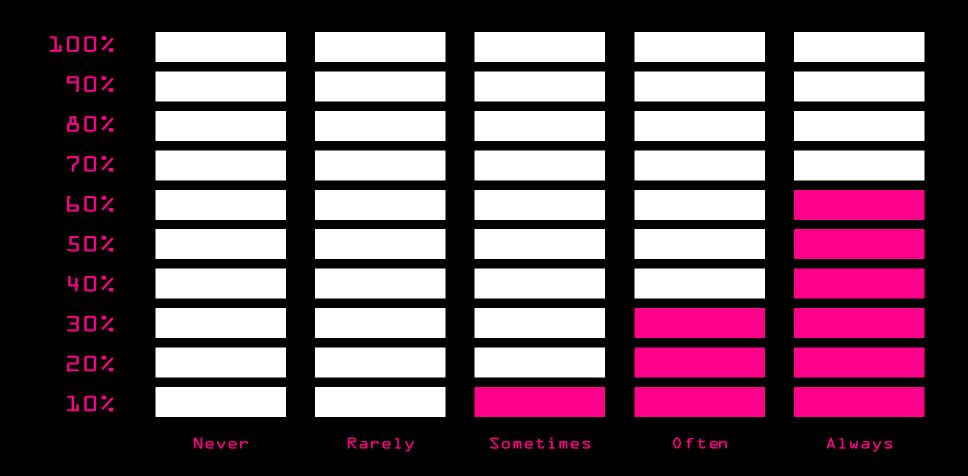
SURVEY | Raw Data

#### RAW DATA

CONSIDERED BUYING HOME AUDIO	IF NOT, WHY?	FAVORITE ALBUM
No	l'm broke.	
Yes		Red // Blue -adventure club
Yes		Trench - TOP
Yes		
No	Too expensive.	Straight Outta Compton by NWA
Yes		
Yes		Simon & Garfunkel: Bridge Over Troubled Water
Yes		American Candy - the Maine
Yes		Moment of Truth by Gang Starr
Yes		In The Mountain In The Cloud - Portugal. The Man
Yes		Too many to choose from!! Maybe ctrl by Sza
Yes		
No	Cost and satisfied with my headphones.	Seoul - stay with us
Yes		Currents - Tame Impala
Yes		Be The Cowboy / Mitski
Yes		
Yes		Amanecer, Bomba Estereo
Yes		Any albums by Turnover
Yes		Channel orange
No	Out of my price range.	All Things Must Pass by George Harrison
Yes		Clearing The Path To Ascend, by YOB
No	Too young, too much moving around. But sometime when I'm older!	Ah you ask hard questions
No	I don't see the need for one.	
Yes		
Yes		Best of Jim Croce
No	It seems a bit intimidating/expensive.	Channel orange
Yes		Currents by tame impala
Yes		
No	Don't own a house.	I don't do albums, only individual songs
Yes		ABBA Gold: Greatest Hits
No	Already have one!	I like Jimmy Hendrix and Van Morrison
Yes		Too many to choose from, but I'll try: tie between Lonerism by Tame Impala and OK Computer by Radiohead.
Yes		Californication
Yes		
No	Price.	watch the throne
No	College Student budget.	Who's That in the Fog- Tom Rosenthal
No	I'm in college and doesn't seem reasonable.	Too many to answer
Yes		GKMC
Yes		What you're asking is impossible. There are too many albums.
Yes		As of right now "Golden Hour"
Yes		Graduation by Kanye West before he was fukt up in da head
No	Expensive.	Revolver, The Beatles
No	The prices seem too high to justify for my level of interest.	"When Life Gives You Lemons, You Paint That Shit Gold" by Atmosphere

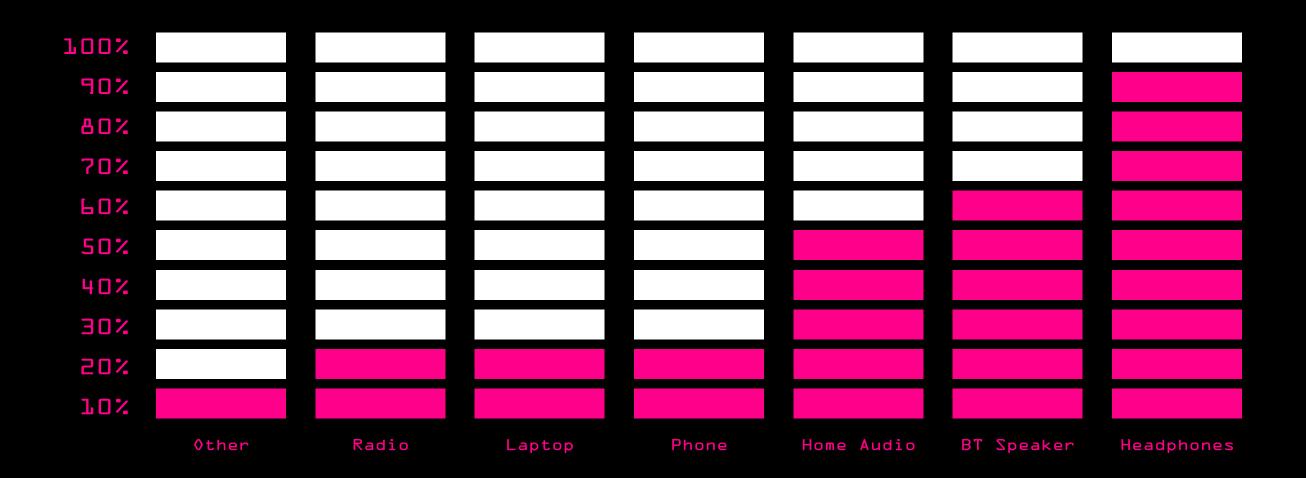
SURVEY | Data Visualized

### How often do you listen to music?



SURVEY | Data Visualized

### What is your preffered listening method?

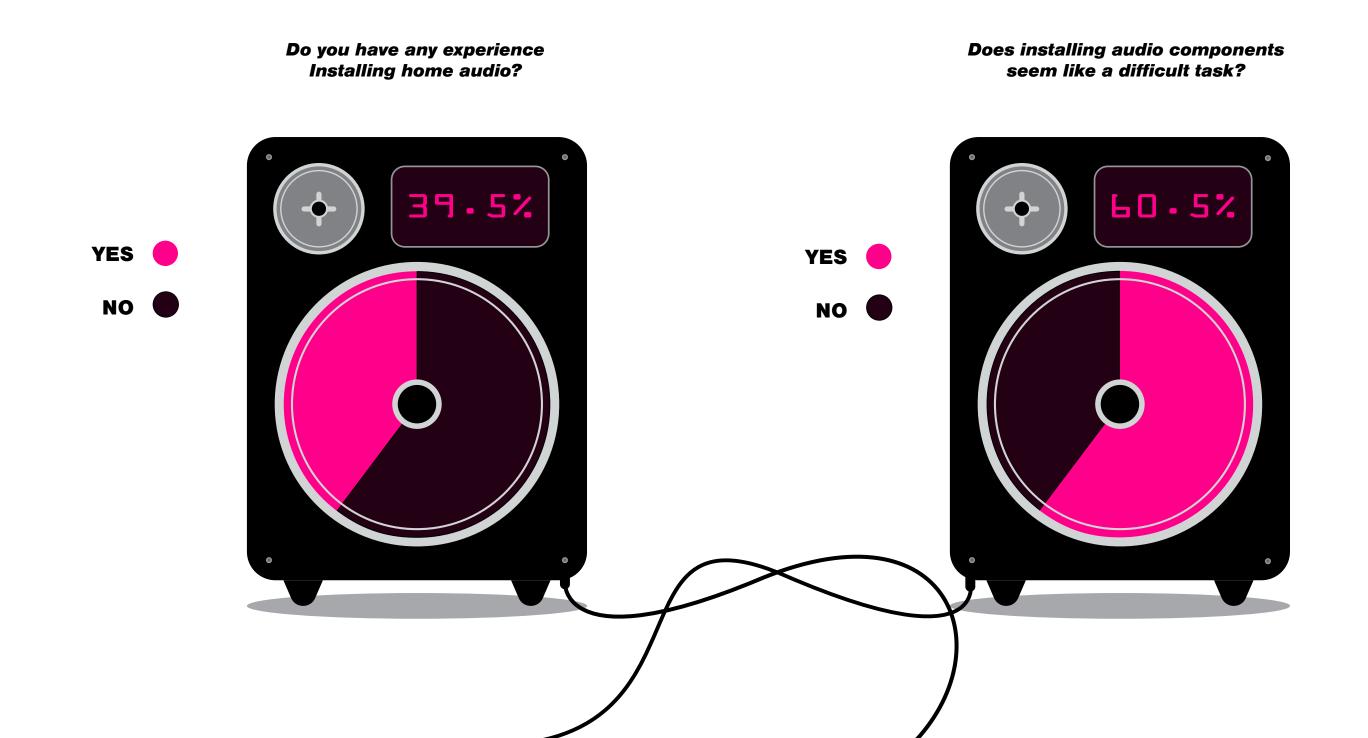


SURVEY | Data Visualized

### What do you use for playing music?



SURVEY | Data Visualized



Pg. 11

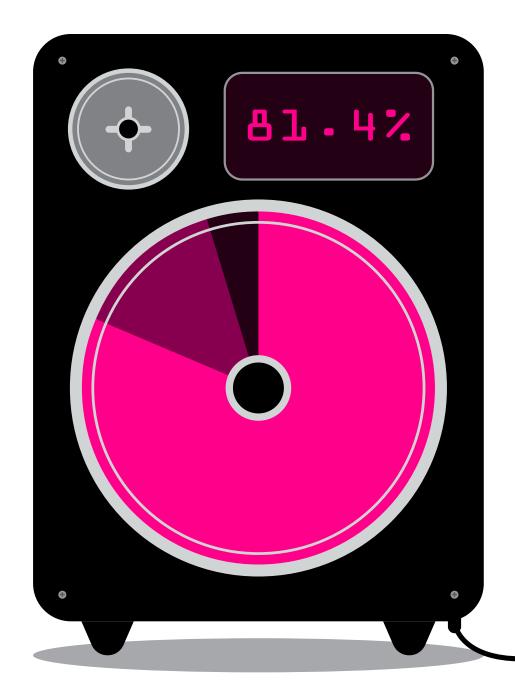
SURVEY | Data Visualized



YES 81.4%

**MAYBE 14**%

NO 4.6%

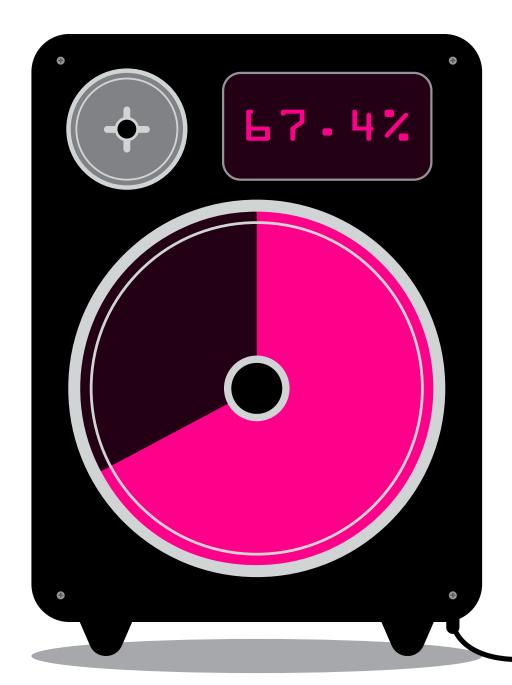


SURVEY | Data Visualized

Have you ever considered buying a home audio system?

YES **67.4.**%

NO 32.6%



SURVEY | Analysis

#### **WHAT I LEARNED**

I learned a lot about my target audience's listening habits and was pleasantly surprised with the data that I received. I learned that a majority of my audience had no experience installing speaker equipment and felt that the task was intimidating, however, they also had an interest in home audio and had considered buying a system before. My primary goal was to learn about the factor that was holding everyone back from getting started. As I assumed the most common answer was the cost. followed by move-ability and lack of knowledge.

MARKET RESEARCH

#### WHAT I DID

For my market research I looked for other home audio kits offered online. I looked through different price points and determined where many kits are lacking. I checked common online retail sites like Amazon where most beginners would turn to, but I also looked at kits offered from reputable audio manufacturers like Klipsch, Polk, Bose, Yamaha, McIntosh, and more.

#### **MY GOALS**

The goal of my market research was to determine what's already on the market. Once I gathered various kits at different price points I broke down their individual features to determine where some home audio kits shine, and where others fall short. After these findings I plan to implement the strong points of the best home audio kits offered and learn from the shortcomings of those that don't quite fit the bill.

#### MARKET RESEARCH

#### INNOVATIVE TECHNOLOGY STEREO SYSTEM

#### **WHAT WORKS**

Including a record player makes this kit really unique, as I found it extremely difficult to find home audio kits that included record players or the capability to connect an external record player. This is also extremely cheap for what you get.

#### WHAT DOESN'T

While this is one of the few home audio kits with a record player you can find on the market for less than \$200, its underwhelming power, cheap material use, and poor build quality leaves much to be desired. Because of the lack of power and two channel limit there is no way to upgrade components of the kit. Because the record player is attached to the top of the receiver there is less room for airflow and no way to connect it to different audio components.

#### THE SPECS

What you get: Receiver, record player, CD player, two speakers, 3.5mm AUX cord

50 Watts

2.1 Channels

\$150



#### CONVENIENCE

Attaching the record player to the receiver makes for less individual pieces. However, this blocks airflow to the receiver and limits receiver placement

#### **VINTAGE INSPIRED**

The receiver and record player take inspiration from vintage aluminum faced audio components. This creates a cool timeless look, without the hassle of old electronics. However the use of plastic imitating aluminum makes it look tacky and cheap.

#### **BLUETOOTH**

A bluetooth compatible receiver makes streaming music from your phone or laptop as easy as connecting to your favorite bluetooth speaker.

#### MARKET RESEARCH

#### YAMAHA MCR 332

#### **WHAT WORKS**

Easy to install with minimal separate pieces. Dependable brand with superior build quality. Compact size.

#### WHAT DOESN'T

With no pre-amp or phono output this kit is not compatible with record players. Two channel limit inhibits expansion. attached phone jack is already outdated.

#### THE SPECS

What you get: Receiver, two speakers
20 Watts
2.1 Channels
\$350



#### PIANO BLACK FINISH

The gloss black finish makes for a low profile, sleek look.

#### **COMPACT SIZE**

This is one of the smaller audio kits offered. Its compact size allows for the entire system to be placed on the same surface.

#### **AUX INPUT**

The built in jack allows simple connectivity, however the jack is specific to older apple products and is not nearly as universal as a 3.5mm headphone jack.

#### MARKET RESEARCH

#### YAMAHA 725W 5.1 SYSTEM

#### **WHAT WORKS**

This kit is more focused towards home theater as opposed to home audio and vinyl, however it has many similar components and offers good audio quality. The Yamaha 725W also includes everything you need to set up a full 5.1 system in the box. The 100 watt 5.1 channel receiver has plenty of power to support upgraded speakers or more audio focused components.

#### WHAT DOESN'T

While the Yamaha 725W does include everything you'd need for a full 5.1 home theater experience, the primary speakers are underwhelming and small compared to most audio focused speakers.

#### THE SPECS

\$460.00

What you get: Receiver, 4 speakers, center channel, 100watt powered sub, remote sound optimizer 100 Watts
5.1 Channels



#### **5.1 OUT OF THE BOX**

I like how everything for a 5.1 system is included in the box. There isn't a need to buy more components and research what will be compatible.

#### **SUB INCLUDED**

Subs are rarely included in home audio kits and can easily be a \$200+ addition to your system. Including the sub allows for a much more dynamic music experience and including a powered sub means no additional power is drawn from the receiver.

#### **SOUND OPTIMIZATION**

This is the only kit to include a sound optimizer which adjust the audio levels depending on the acoustic qualities of the room.

#### MARKET RESEARCH

#### POLK SIGNATURE SERIES

#### **WHAT WORKS**

This is a ture home audio experience. Polk and Denon are well known for the quality of their products. At 200 watts and 7.1 channels the Denon reciever has plenty of power and room to expand your system if desired.

#### WHAT DOESN'T

At over \$1,100 it's the most expensive kit I reviewed. Although it's not unreasonably expensive for high fidelity audio equipment, for my target audience something like this is well out of the budget. The size of the speakers also present an issue as moveability and free space is compromised.

#### THE SPECS

What you get: Denon receiver, two polk tower speakers
200 Watts
7.1 Channels
\$1138.90



#### 7.1 CH RECEIVER

A 7.1 channel reciever means more room to expand your system. While a typical 2.0 reciever will power two speakers, a 7.1 channel is capable of powering 7 speakers and a sub-woofer.

#### **QUALITY**

Polk and Denon both make excellent products that will continue to play clearly and reliably for years. This is a kit that will sound amazing right out of the box and give the listener a solid foundation to start the hobby.

#### **BLUETOOTH**

A bluetooth capable receiver means listening to music is even easier. Any music streaming from your phone or computer instantly connects and removes the hassle of cables and cords.

MARKET RESEARCH

#### **WHAT I LEARNED**

After my market research I realized just how difficult it is to find a good home audio kit with vinyl capabilities. In fact, I didn't find a single kit that included a record player that I would consider worth buying. There are a lot more options for home theater kits than kits purely focused on music. After getting a range of price points I feel that my initial kit price of \$500 seems fair for what's included, and extremely affordable in comparison to what's already on the market.

The final kit will include a receiver, two bookshelf speakers, a record player, copper wire, an instructional booklet, and possibly a sub-woofer and speaker stands. Bluetooth capability is extremely important for ease of use, custom sound controls through an app will allow you to tune your system to perfection from your listening position. The system needs to be compact and easily move-able, yet the speakers must be large enough for superior audio quality.

### Sources

#### INNOVATIVE TECHNOLOGY SYSTEM

"Innovative Technology Classic Retro Bluetooth Stereo System with CD Player, FM Radio, Aux-In, Headphone Jack, and Turntable, Silver and Black." Amazon, Amazon, www.amazon. com/Innovative-Technology-Bluetooth-Headphone-Turntable/dp/B010OJ0DA8/ref=sr\_1\_1?ie=UTF8&qid=1543621901& sr=8-1&keywords=home%2Baudio%2Bsystem%2Bwith%2Brecord%2Bplayer.

#### **POLK SIGNATURE SERIES**

"Stereo Set." Polk Audio, 31 Mar. 2018, www.polkaudio.com/products/stereo-set#TechSpecs.

#### YAMAHA MCR 332

"Home." YAMAHA, usa.yamaha.com/products/audio\_visual/hifi\_systems/mcr-332/specs.html#product-tabs.

#### YAMAHA 725W 5.1 SYSTEM

"Yamaha - 725W 5.1-Ch. 3D Home Theater System - Black." Product Detail - Compare Page - Best Buy, Best Buy, www. bestbuy.com/site/yamaha-725w-5-1-ch-3d-home-theater-system-black/5787200.p?skuld=5787200.



VISUAL RESEARCH

#### WHAT I DID

Due to the multiple deliverables I plan to create for this project, my visual research was broken up into a few different categories. I started by taking what I had learned from my market research to put together a list of qualities I wanted the physical products to have. I then shared these notes with the product designers in order for them to get started with sketching and creating 3D product mockups. Afterwards I looked at vintage speaker ad campaigns. These ads had some great qualities that I want to implement into my ad campaign in order to establish the voice of the brand. I then looked at examples of package design that I found interesting and successful. I will be creating the package design for each product and in order to create a cohesive easy to use design I looked at package design that had strong uses of color to identify different components. Afterwards I researched some audio brand logos in order to establish the direction of the brand. Finally I looked at multiple audio manufacturer websites to see how they implemented their visual identity

#### **MY GOALS**

Through my visual research I hope to gain a deeper understanding of what I want the physical products to look like, how I can make the package design a key part of this products usability, the direction I plan to take the brand in in terms of a logo or word mark, and how that brand is implemented through a website and ad campaign.

### VISUAL RESEARCH | Products

#### **TAKEAWAYS**

Minimal controls are ideal for a kit of this nature. Although buttons and knobs should not be extensive, lack of controls should not limit features. Speakers must feel solid and capable. Too small and they will not produce enough sound. Too big and they will be a burden to move.

#### HOW I PLAN TO USE THIS

I'm really inspired by vintage product design in relation to audio equipment. Although many of the products are older than I am, the solid use of material doesn't make it feel out of date. Buttons and knobs while fun to play with can be overwhelming and confusing. I still want the controls to have a familiar tactile response except the physical controls should be minimal. Most audio control will be through the app so only the most important functions like power, input, and volume should be physically present. All of this information has been shared with the product designers and product renders are already being created.











#### **RECEIVER**

Minimal knobs. Push in and they pop in and out. Clicking or tactile response for volume or input change, Screen for equalizer, Input Display, and Volume settings.

#### **RECORD PLAYER**

Belt driven. Minimal controls: Raise/lower control arm, stop, start, speed selection. Exposed belt drive. Low profile and sleek.

#### **SPEAKERS**

Bookshelf speaker sized. Small enough to be easily moved, large enough to create a respectable sound. combining vintage form with new technology.

VISUAL RESEARCH | Advertisements

#### **TAKEAWAYS**

Simple use of photography making the product design the primary focal point. Playful language that is still informative. Clean and effective use of typography that correlates with audio brand wordmarks.

#### **HOW I PLAN TO USE THIS**

I want the ad campaign to be a simple visual method to establish the language of the brand and showcase the design of the products. Rather than using ads designed for print medium I will create an ad campaign focused more towards online advertisement and possibly larger scale billboards. Bold headlines paired with captivating imagery will draw inspiration from these older advertisements but will be applied in a more modern application.





Yes, it's expensive...







#### LANGUAGE

Headlines grab the attention of the viewer with casual and playful language that still speaks about the product itself.

#### **IMAGERY**

Let the product shine. Photography is simple and straightforward and allows for the design of the product to sell itself. Backgrounds are minimal and non-distractive.

#### **TYPE**

Bold beautiful headlines paired with informative copy. In order to update this design, copy should be shorter and direct readers to the website.

### VISUAL RESEARCH | Packaging

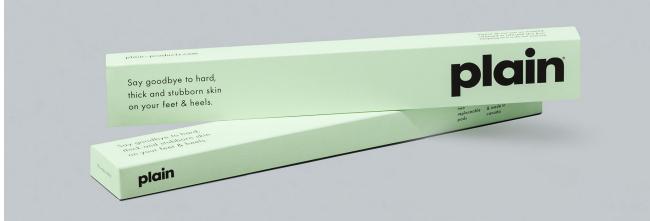
#### **TAKEAWAYS**

Bold use of color to separate different products. Simple graphics, imagery, and text. Large numbers to clarify installation process.

#### HOW I PLAN TO USE THIS

I plan to create the packaging for each component of the kit. I want the packages to be simple and use color-based instruction to allow for simple installation. I know the kit will have a few different components, because of this I want to make sure its easy and intuitive as soon as you open it up and that the order of installation is understood with minimal instruction.









#### COLOR

Use bold colors with high contrast to differentiate objects even at a glance. Color base instructions could work with color-categorized packaging to improve ease of use.

#### **NUMBERED STEPS**

Large numbers to show hierarchy of products and create a natural understanding of order when installing kit.

#### **GRAPHICS**

Minimal graphics and type making the product the primary focus and reducing unnecessary information.

VISUAL RESEARCH Logos

#### **TAKEAWAYS**

Simple type driven word-marks. Minimal pictorial elements. Individuality expressed through typeface.

#### **HOW I PLAN TO USE THIS**

I plan on taking my brands logo in a similar direction by creating a type driven word mark. I want the type to be unique with vintage elements that perform successfully in the present. Use of color and additional graphic elements will be limited.



marantz

#### **WORD-MARK**

Nearly all audio brand logos are word-marks with minimal or no pictorial elements. Badges or emblems are uncommon.

#### **TYPE**

Unique type that is decorative but readable. Each typeface has characteristics that reflect a quality of the brand, showcasing anything from history and tradition to innovation.

#### **GRAPHICS**

Extremely minimal graphics and pictorial elements. Little to no color.

# \_BOSE

ONKYO®



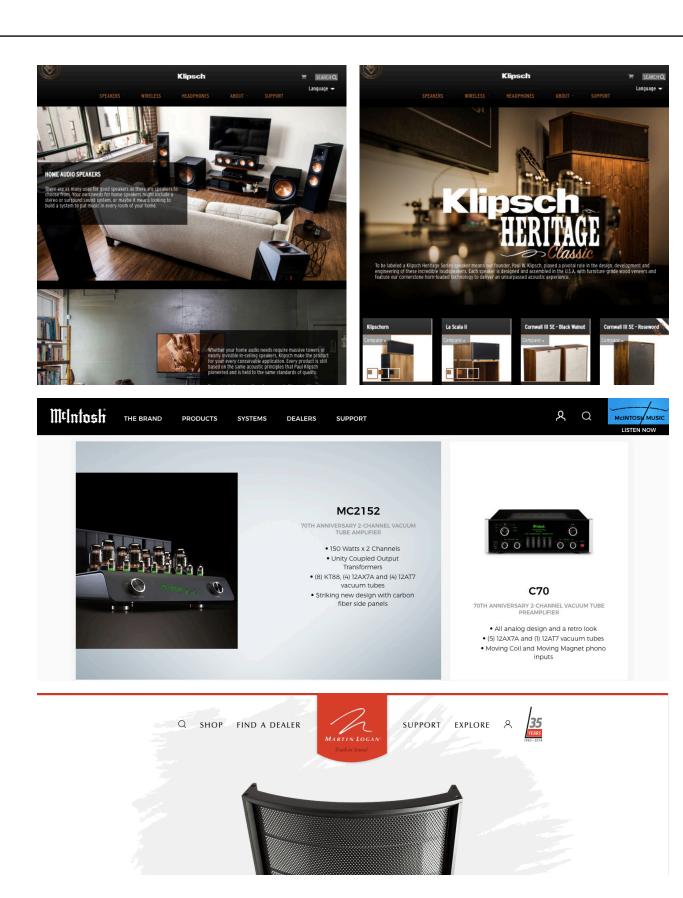
### VISUAL RESEARCH | Website

#### **TAKEAWAYS**

Showcasing the product in it's intended environment. Making the audio equipment a focal point of the room. Minimal but effective use of color. Familiar structure similar to most online shopping websites. Large captivating imagery for home page, simple product photography for catalogue of items.

#### HOW I PLAN TO USE THIS

Most home audio websites I came across were lacking in terms of design. The three I was most fond of was Klipsch, McIntosh, and MartinLogan. These three sites had similar structures where the home page showcases the product in a space and as you scroll down each product is displayed in an easy to use grid of products. I plan on using a similar structure that makes the shopping experience simple, but I wold like it to be a little more visual and informative. I don't want to question where I need to click next, instead the website should guide the user through while staying informative and intriguing.



#### COLOR

Use of color is consistent and complementary with colors used in products. Use of color references elements from product without overbearing presence.

#### **IMAGERY**

Imagery is more focused towards products within a setting unlike package design and ad campaigns. Showcase the product as a focal point of the room.

#### **LAYOUT**

Simple, easy to use, grid structure. Similar to most online shopping catalogue.

MARKET RESEARCH

#### WHAT I LEARNED

Through my visual research I was able to narrow down a lot of the visual elements I will be creating. I learned about the aspects of vintage audio equipment that inspire me and how I can take the experience of using vintage audio equipment and make it easier to use and more functional with todays technology. I gathered examples of package design that when applied to my brand will make installation easier to follow for anyone and cut back on the

Complication of installing audio equipment. I found Commonalities with audio logos and audio brands as a whole in order to create a product experience that is familiar and hopefully more user friendly than what already exists. Finally I discovered multiple applications for promoting the brand and how to establish the voice of my brand through advertisement and marketing.

### Conclusion

#### REPEATED RESULTS

I didn't receive a lot of repeated results as I tried to make my questions specific and unique to different aspects of the project, however it was very clear that people had an interest in home audio but were turned away by cost, portability, and lack of knowledge. One of the more interesting results showed that 65% of people had never installed audio equipment and every single one of them thought it was a difficult task. I also learned that simplicity is really key in not just the product design, but in terms of the branding, marketing, and packaging design. While a lot of audio equipment may seem simple to hobbyists, simplicity regarding user experience is really important for those that just want to listen to their music and avoid fussing with the controls.

#### MOST IMPORTANT DATA

For the most part my data was relatively consistent with my initial assumptions. A big part of this project was to understand why people spend so much time listening to music, yet settle for sub-par headphones. As I received information the point that kept coming back was the cost and the intimidation of setting up was holding people back. I figured these would both be the biggest reasons for avoiding a home audio set up however the concern for cost was overwhelming. This is a perfectly reasonable concern, especially considering a large portion of my survey audience are college-age students. I learned that people were interested in listening to vinyl, collecting vinyl, and most had even considered buying a home audio set-up. However, it frequently came down to cost. Because of this I worked with the product designers to see how we could make this package more cost effective. I set my goal at around \$500 because this is about the same price most college students will spend on gaming systems. Something almost everyone student I know has in their room. The product designers worked with materials that are commonly used in current audio tech, and ditched the expensive materials like wood and brushed aluminum. I was concerned at first but after seeing some mock-ups the product still feels like a premium item.

#### WHERE TO NEXT?

Looking forward, I want to get started with the visual identity early. Because all of deliverables I plan to create I want to start designing early winter term. I plan to start with branding and compiling information for the manual. I have already started going over product renders with the two product designers. By mid to late winter term we should have those renders nearly completed and I will then start with the packaging design, around the same time I hope to get aspects of the ad campaign done. By spring term I'd like to have a large portion of the visual direction established to I can begin constructing the packaging and booklet, along with creating the website and app.

