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GLYDSPHERE

Company: Glydsphere (Space Gravity, Inc.)

Market: Electronics

Product: Engine sound system specifically designed for electric vehicles

Company Highlights

- The Glydsphere engine speaker system designed for electric vehicles (EVs) has over 150 orders (inclusive of refunds) since its product launch in January 2023 as of the end of July 2024
- The app, with over 3,500 downloads across iOS and Android as of July 2024, provides over 50+ sports car and futuristic engine sounds and science fiction movie vehicle noisesⁱ
- The company's founder and Chief Executive Officer (CEO), Johannes Luckemeier, has 10 years of experience in the automotive space at leading companies including BMW, Mercedes-AMG, and HARMAN
- In March 2024, Glydsphere joined the Capital One Accelerator Program, encompassing startups and won the \$5,000 prize for "Top Program Engagement"

WHY IT'S INTERESTING

In April 2024, Kelley Blue Book reported that EVs comprised 7.3% of the total U.S. vehicle market in 2023,ⁱⁱ up from 5.9% in 2022, marking a continued shift towards electrification.ⁱⁱⁱ The most well-known EV manufacturer, Tesla, has capitalized on personalization,^{iv} aligning with the evolving demand for customized vehicles in today's automotive world. Consumers now prioritize vehicles that reflect their unique preferences.^v While replacing components like the sound system or certain cosmetic changes such as vinyl wraps may not directly impact everyday driving performance, people are willing to invest in such customizations.^{vi} Sound can be significant in the automotive experience, as noted by industry experts such as former Mercedes AMG CEO Tobias Moers. The absence of traditional engine noise alters the driving experience and may potentially hinder consumer acceptance despite EV's continued popularity.^{vii}

Glydsphere has pioneered an engine sound system tailored for electric vehicles, currently compatible with Model 3 and Model Y Teslas, as well as Model S and Model X Teslas made after 2021. In response to the demand for personalization and challenges posed by the absence of traditional engine noise in the shift to electric vehicles, Glydsphere simulates familiar combustion engine sounds in addition to other noises, helping enhance personalization and the overall driving experience for car enthusiasts. Through the Glydsphere app, which boasts over 3,500 downloads, users can gain access to 50+ sports car and futuristic engine sounds and science fiction movie vehicle noises.^{viii}

A brief overview of Glydsphere's traction and competitive advantages are as follows:

- **Adoption:** As of the end July 2024, the Glydsphere engine speaker system designed for electric vehicles (EVs) has over 150 orders (inclusive of refunds) since its product launch in January 2023
- **Technology:** Glydsphere's Dualamp Impax technology, which uses a combination of amplifiers intended to produce rich, dynamic sound with exceptional depth and breadth via Glydsphere's sound algorithm without the need of a complex installation



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- **Leadership:** The company's CEO, Johannes Luckemeier, has 10 years of experience in the automotive space at leading companies including BMW, Mercedes-AMG, and HARMAN



Video & Pitch Deck

EXECUTIVE SNAPSHOT

Glydsphere's journey began with the founder and CEO, Johannes Luckemeier, purchasing a Tesla. Like many before him, he soon realized the absence of the exhilarating sound that accompanies a premium drive. It felt like experiencing life on mute. Determined to restore this missing element, he delved into tinkering with car sounds, exploring beyond conventional boundaries. As word spread, Johannes discovered a demand among fellow drivers who shared his enthusiasm for powerful cars and immersive sound experiences and established Glydsphere. The company, originally incorporated as a German entity (Space Gravity GmbH) in 2020, ceased operations at the beginning of 2023, while the U.S. entity (Space Gravity LLC) was established in Q3 2022. More recently, Glydsphere converted to a Texas Corporation (Space Gravity, Inc.) in Q3 2024. Glydsphere emerged with a mission to craft an engine sound system tailored for electric vehicles, which generates artificial engine sounds reminiscent of traditional vehicles with internal combustion engines as well as futuristic engine sounds and science fiction movie vehicle noises. Glydsphere's inventive approach signifies an advancement in the automotive industry's transition towards electric mobility.





You are investing in a Crowd Note in this Offering. Perks are meant to be a thank you from the company for investing. The perks below are subject to Regulation CF investment limits.

- **\$750-\$999** – 5% discount code for Glydsphere speaker (choose from V1 now or updated one when it's ready to ship)
- **\$1000-\$1499** – 10% discount code for Glydsphere speaker (choose from V1 now or updated one when it's ready to ship) OR town hall style video call with founder
- **\$1500-\$1999** – 15% discount on Glydsphere speaker (choose from V1 now or updated one when it's ready to ship) OR one-on-one video call with founder
- **\$2000-\$3999** – One-on-one video call with founder + vote on future sound sets OR 15% discount + vote on future sound sets
- **\$4000+** - One-on-one video call with founder + free Glydsphere system (choose from V1 now or updated one when it's ready to ship) + custom sound set to your liking

In addition to the above perks, investors that purchase the first 50,000 Crowd Notes, and thereby fund the first \$50,000, will receive Crowd Notes with a conversion provision based on a \$800,000 valuation cap instead of a \$1 million valuation cap. That means, in connection with equity financing of at least \$1,000,000 (a "Qualified Equity Financing"), the company has the option to convert the Crowd Note into shares of non-voting preferred stock (Conversion Shares) at a price based on the lower of (A) the price per share paid for Preferred Stock by investors in the Qualified Equity Financing or (B) the price per share based on a \$800,000 valuation cap (instead of a \$1 million valuation cap).

COMPANY SUMMARY

Opportunity

In the shifting landscape of electric vehicles (EVs), a notable challenge arises from the absence of traditional engine noise. This departure from the familiar auditory cues of combustion engine vehicles can alter the driving experience but also may pose a potential hurdle for consumers accustomed to the auditory signature of traditional cars. As emphasized by industry experts, including former Mercedes AMG CEO Tobias Moers, sound can be a crucial aspect of the automotive experience, highlighting the need for innovative solutions to address this gap in the transition to electric cars.^{ix} Furthermore, the rising desire for personalized vehicles in today's automotive realm is evident. Currently, consumers prioritize vehicles that cater to their distinct preferences, including custom trims and specific color choices.^x

Enter Glydsphere, a company dedicated to solving the problem of silent electric vehicles. By simulating the familiar sounds of traditional combustion engines in addition to movie and spaceship noises, Glydsphere's solution seeks to enhance the driving experience for electric vehicle owners through added personalization. Through its commitment to automotive sound design, Glydsphere plays a role in helping shape the future of electric mobility, providing consumers with an immersive and familiar auditory experience in the era of electric cars.



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Product

Overview

The Glydsphere speaker offers car enthusiasts a personalized electric vehicle audio experience, with a diverse selection of customizable sounds. Paired with the Glydsphere app, users can gain access to over 50 sports car and futuristic engine sounds and science fiction movie vehicle noises.^{xi}

How it Works

Glydsphere's speaker is designed to be easily setup in the front trunk (known as the frunk) of electric vehicles. Currently, the speaker is directly compatible with all Model 3 and Model Y Teslas and all Model S and Model X vehicles manufactured after 2021. Customers interact with Glydsphere's app, available for both iOS and Android devices, to manage their car's sound experience. Within the app, users can select their preferred sound type and adjust the volume to their liking.

Furthermore, real-time car data, including speed and pedal position, is integrated into the app, allowing for a dynamic and synchronized driving experience. This data informs Glydsphere's sound algorithm, which is woven into the Unity 3D game engine via C# scripts. Additionally, users have the option to personalize their experience further by uploading their own sound sets via the app's cloud solution. By simply uploading sound effects in .wav format, users can tailor their driving experience to their preferences. Upon upload, a unique QR code is generated within the app for quick access to the newly customized sound set.

Product Video

<https://youtu.be/WWqW4Gi3kA4?si=i81E7YcaLCTvGhNL>

Speaker Acoustic Specs

When paired with the Glydsphere app, the speaker is designed to reach sound levels exceeding 110 dB, comparable to the noise output of a chainsaw, trombone, or rock concert. Positioned in the frunk of the car, typically closed as in a Tesla, the sound outside the vehicle registers at approximately 80-90 dB, equivalent to that of a combustion engine car. Achieving these levels involves employing specialized magnets in the speaker drivers, while the app's audio signal is amplified through a series of interconnected amplifiers. Although the speaker is not a portable Bluetooth device, it can connect via Bluetooth; however, the Glydsphere app utilizes the "aptX LL"



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transmission codec for real-time, higher-quality audio transmission, capabilities not feasible with standard Bluetooth. Additionally, the speaker comes equipped with a lithium iron phosphate battery, allowing for remote control operation from within the car and resilience to extreme temperatures.



Current Hardware Set-Up With 3rd Party Accessories

When setting up the Glydsphere speaker the data from the car gets read by the “OBDLink MX+”, an on-board diagnostic (OBD) scanner, which is currently included with every Glydsphere purchase. It connects directly to the Tesla and sends the data in real time wireless to the Glydsphere app using the user’s smart phone. The company has stated that the next development iteration plans to be an OBD scanner with a small computer board included in a small plastic housing/box, and the sound algorithm/processing will run on that computer board. The big advantage with this update is that the user would not need to start the app on his or her phone in order to start the sound. Instead, the sound could automatically start when the car is started, making it fully integrated but still plug and play.

Additionally, the compact USB-C dongle provided by Glydsphere with each purchase, featuring aptX low latency technology, enables real-time transmission of sound from the phone to the speaker, bypassing the delay typically associated with Bluetooth connections. Via the new development, users would use the USB-C dongle with the OBD system to send sound to the speaker without needing their phone.

Speaker Features

Glydsphere’s speaker features include the following:^{xii}

Real-Time Audio

Advanced gaming algorithms power the speaker to deliver driving audio that is precisely tuned for an immersive sensory experience in real time.

Dynamic Sound

Glydsphere's Dualamp Impax® technology utilizes two highly potent amplifiers to produce rich, dynamic sound designed with exceptional depth and breadth.

Powerfully Made

Two premium drivers constructed with sophisticated neodymium magnets, advanced voice coil formers,

Power-Bank Extension

The Glydsphere-designed power-bank, equipped with sophisticated and robust features, is both removable and rechargeable, providing users with enhanced



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and exceptional excursion capability produce vibrant, finely tuned sound.

Loud Yet Compact

Crafted from top-quality materials engineered to endure driving vibrations, the Glydsphere Speaker boasts a sturdy yet compact design, allowing for exceptional audio performance and power.

Wireless Connection

Achieve seamless, high-quality wireless connection from the app to the speaker, designed for a fully immersive driving experience with no delays.

App

The Glydsphere app is crafted to complement the driving experience, featuring an algorithm tailored to modern driving needs. It's engineered to be straightforward to set up and operates independently from the vehicle, allowing for easy customization of the EV's sound while on the road. With full control from a phone, users can adjust power, volume, and sound settings to match their preferences.

Furthermore, users can collect "Spheres" as they drive which unlock exclusive sounds and more, allowing for endless customization to suit their driving style and mood.

Paired with the Glydsphere EV Speaker, the app helps ensure a consistent audio experience both inside and outside an EV, delivering a personalized driving experience.

Sound Algorithm Glydsphere App

The Glydsphere app utilizes the Unity 3D game engine to generate a dynamic driving sound, where each sound set comprises multiple individual sound files processed in real-time based on input signals such as speed and accelerator pedal position from the car. This real-time processing can result in an interactive driving sound that mirrors the car's actions, helping create an immersive experience. Moreover, the Glydsphere app allows users to

usability. Additionally, it can be operated via remote control for added convenience and user experience.

Highly Portable

The versatile velcro pads serve a dual function: allowing you to transport the speaker wherever you go and keeping it securely in place while in motion.

Self-Supported

The Glydsphere-designed speaker comes equipped with its own battery system and support mechanism, making it a hassle-free addition to EVs with no need for tinkering or drilling.





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upload their own sound files and craft personalized sound sets, adhering to specific guidelines to create desired engine or vehicle sounds.

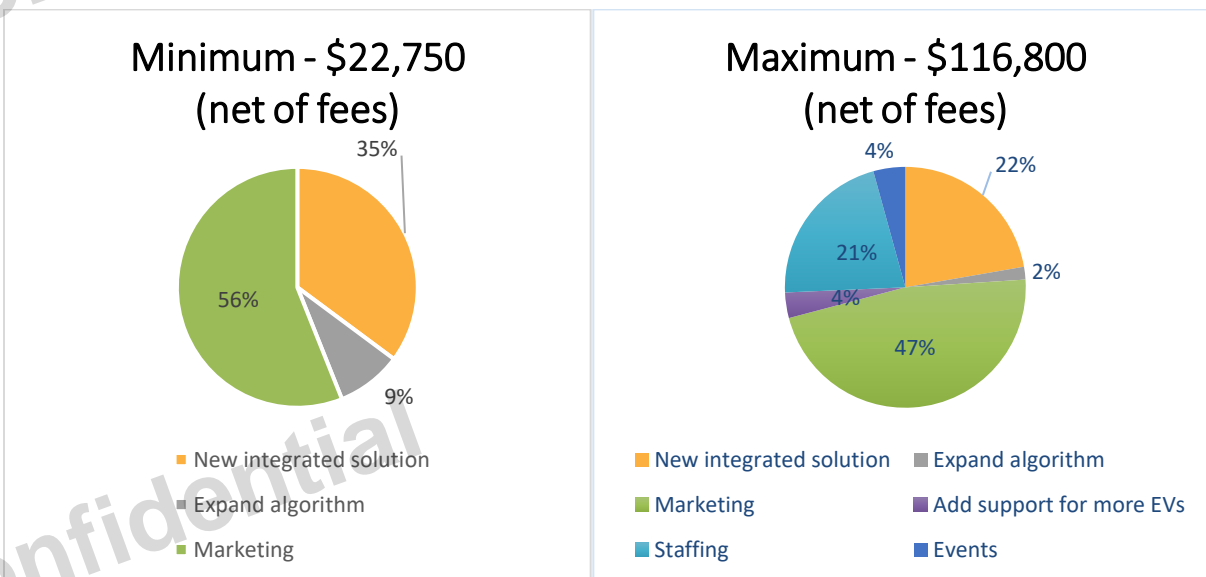
App Features

Glydsphere's app features include the following:

- Customized sounds designed specifically for EVs and their unique movements
- Advanced algorithms utilize real-time data to detect vehicle motion
- Exclusive sounds become accessible as you accumulate spheres within the app
- New sounds are introduced with each app feature update
- Conveniently adjust volume settings directly from a phone
- Easily switch between different sound profiles to suit various driving scenarios at any time and place

Use of Proceeds

If Glydsphere raises the minimum (\$22,750 net of fees) or the maximum (\$116,800 net of fees) offering amount, it intends to use the proceeds as follows:*



*Percentages are rounded to the nearest whole number

- **New Integrated Solution:** Implement sound algorithm onto stand-alone hardware for integrated solution in the car that does not require using a phone
- **Expand Algorithm:** Update sound algorithm to mimic a large variety of vehicles as authentic as possible
- **Add Support for More EVs:** Option to easily add new vehicle configuration files to extend compatibility with more EVs
- **Marketing:** Expand online marketing activities on social media and work with professional influencers
- **Staffing:** Hire part-time/freelance marketer
- **Events:** Attend electric car shows with booth and demo car



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Product Roadmap

The product roadmap outlines three key updates to Glydsphere's solution. Expected to launch in Q1 2025, subsequent to funding:

New Integrated Solution: The company is looking to develop an integrated solution that combines an OBD scanner and a microcomputer into a single device. The advanced algorithm will run on the microcomputer instead of the phone, while remaining highly configurable via a phone app. This system will be designed to be completely wireless, plug-and-play, and require no modifications to the car.

Expanded Algorithm: Efforts are underway to develop an integrated solution that merges a sophisticated algorithm with stand-alone hardware. This initiative aims to enhance vehicle sound systems by updating the algorithm to accurately replicate a wide range of vehicle sounds.

Added Support for More EVs: Every car maker has their own data library, currently Glydsphere only implements the Tesla data library for utilizing car signals in the sound algorithm. The next development is expected to allow data libraries from other car manufacturers with the same simplicity as to create custom sound sets. This would allow for a no app/software update to integrate new data libraries for the future version and make adding new car models easier to incorporate into the system.

Furthermore, while still a work in progress, Space Gravity is also looking to extend its services to car original equipment manufacturers (OEMs) by offering consultation and sound design and conceptualization assistance. Glydsphere has filed a patent application for its B2B enterprise, focusing on the concept titled "authentic EV engine sound." This patent and technology leverage the principles of airflow and the acoustic characteristics of moving objects. Notably, the system excludes speakers, sound files, or synthesized audio. Instead, it employs a technical apparatus to produce genuine, powerful, and emotionally resonant soundscapes for premium electric sports cars. The company is looking to monetize this aspect of its business sometime in 2025.

Business Model

The Glydsphere speaker is available for retail purchase at \$639, and includes complimentary shipping, lifetime support, a one-year warranty, and an indefinite app subscription.^{xiii} As the app can function independently of the speaker hardware through an OBD system, users who wish to run the system without the speaker need to pay for a yearly or monthly subscription of the app which costs \$3.99 per month or \$29.99 per year.

While still a work in progress, Space Gravity, the creator of Glydsphere, is also looking to extend its services to car manufacturer OEMs, offering consultation and sound design and conceptualization assistance.

USER TRACTION

Notable Traction / Milestones

- As of the end of July 2024, the Glydsphere engine sound system designed for electric vehicles (EVs) has over 150 orders (inclusive of refunds) since its product update launch in January 2023
- The Glydsphere app, which has over 3,500 downloads as of July 2024, provides a subscription to 50+ sports car and futuristic engine sounds and science fiction movie vehicle noises^{xiv}



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- In the second half of 2023, the company stated they were ready to scale after reporting steady sales with very little marketing
- In the first half of 2023, the company implemented feedback and upgraded the Glydsphere product to the next generation
- In the second half of 2022, the company communicated with first customers and influencers to mature the product and experience
- In the first half of 2022, the company gave prototypes to subject matter experts and early adopters



Gave prototypes to subject matter experts and early adopters



Communicated with first customers and influencers to mature the product and experience



Implemented feedback and upgraded the product to the next generation



Steady sales with very little marketing
READY TO SCALE



B2B Patent

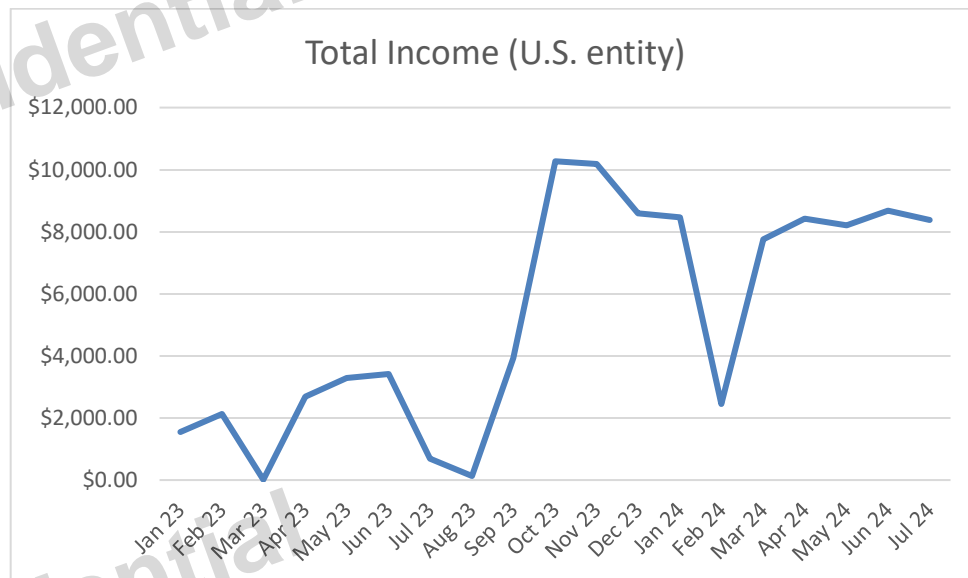
Glydsphere has submitted a patent application, currently in review, for its B2B business. The name of the concept is “authentic EV engine sound” and the patent/technology is based on the principles of air flow and acoustic properties of moving objects. It does in no means contain speakers; sound files; or synthesized audio. It is a technical apparatus which creates a real, loud, and emotional dynamic sound experience for high-end electric sports cars. The B2B concept in which the patent is rooted has been presented to a high-end sports car maker.

HISTORICAL FINANCIALS

Total Income

From January to July 2024, Glydsphere has earned a total income of \$52,372.78. This seven-month period's income is greater than the company's total income for the entire year of 2023, which was \$46,891.44.

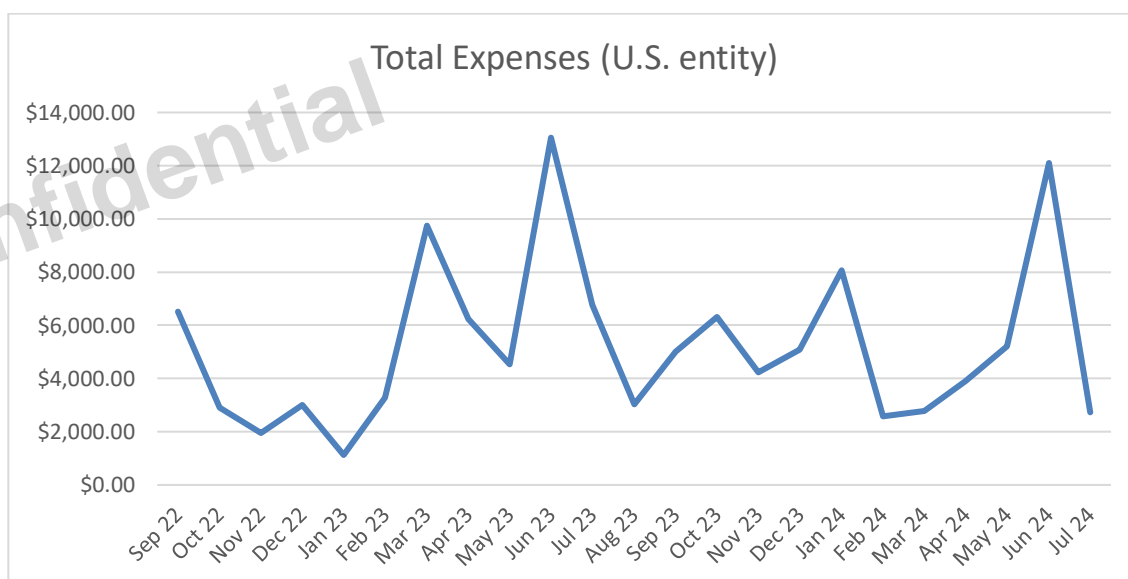
Furthermore, the U.S. entity saw its first month of positive gross profit in January 2024. Glydsphere, originally a German entity (Space Gravity GmbH) until the end of 2022, was incorporated as a U.S. entity (Space Gravity LLC) in Q3 2022, which since converted to a Texas Corporation (Space Gravity, Inc.) in Q3 2024. However, the U.S. entity did not generate any income in 2022. Although, in 2022, the German entity (Space Gravity GmbH) generated €685,676.03 (~\$734,304.17). To add context, \$156,001.00 of this figure come from the sale of goods in November 2022 in which Space Gravity LLC agreed to purchase car audio and speaker systems from Space Gravity GmbH. Additionally, \$500,000 comes from a previous agreement from December 2022, in which Space Gravity GmbH, the German company, agreed to sell its business to Johannes Luckemeier for that amount. The agreement was adjusted in March 2023 so that the total due is now \$250,000 over eight years including 2% yearly compounded interest.



Total Expenses

Confidential

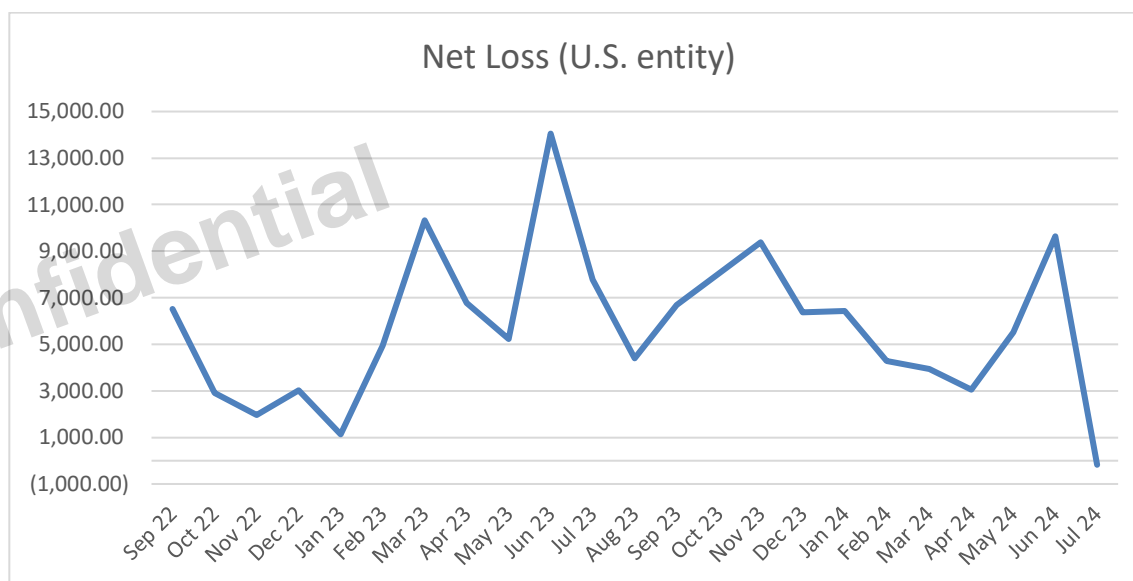
From January to July 2024, Glydsphere has incurred total expenses of \$37,346.33. This seven-month period's expenses are about 55% of its total expenses for the entire year of 2023, which were \$68,439.24. Advertising and promotion made up the majority of expenses incurred for both 2023 and 2024. Furthermore, the U.S. entity incurred total expenses of \$14,379.47 from September through December 2022. The entirety of the expenses incurred in 2022 were categorized as professional fees mainly comprising of legal fees. Furthermore, the German entity (Space Gravity GmbH) had €500,002.83 (~\$535,463.03) in total expenses in 2022 which included material costs, personnel costs, depreciation and other expenses. Those expenses were essentially tied to the creation of the product. They represent the initial investment needed to get everything off the ground—covering research and development, production of the first units or inventory, legal fees, design costs, and more.





Net Loss / Cash on Hand / Cash Burn

From January to July 2024, Glydsphere has incurred a net loss of \$32,662.83. This seven-month period's net loss is about 38% of its total net loss for the entire year of 2023, which was \$85,082.03. Furthermore, the U.S. entity incurred a net loss of \$14,379.47 from September through December 2022. Additionally, the German entity (Space Gravity GmbH) had a net income of €184,673.20 (~\$197,770.22) in 2022. As of July 31st, 2024, the company had about \$13,000 in cash on hand and is burning a little over \$2,000 a month through the first seven months of 2024.



INDUSTRY AND MARKET ANALYSIS

Consumer Electronics

In 2023, the worldwide consumer electronics market reached a value of \$773.40 billion, and it is estimated to increase to \$815.16 billion in 2024 and further to \$1,467.94 billion by 2032, demonstrating a compound annual growth rate (CAGR) of 7.63% over the forecast period. With a rising demand, companies are emphasizing the development of high-performance and user-friendly devices, driven by technological advancements and digitalization trends, which are expected to fuel the demand for electronic products. As global incomes increase, individuals have more financial resources to invest in housing and furnish their homes with emerging technological products. Furthermore, the introduction of innovative household items into the market is expected to stimulate product consumption even further.^{xv}

Electric Vehicles

Kelley Blue Book estimates reveal a milestone in the adoption of electric vehicles (EVs) in the U.S., with a record-breaking 1.2 million EVs sold in 2023, representing a notable shift towards electrification. Specifically, 1,189,051 new EVs hit the roads, comprising 7.6% of the total U.S. vehicle market, up from 5.9% in 2022. Despite this surge,



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the pace of EV sales growth has slowed, with fourth-quarter sales setting records but showing a decline in growth compared to previous quarters. While transaction price parity between internal combustion engine vehicles and EVs is becoming more achievable, EVs remain relatively expensive, with few options priced below \$40,000. Tesla continues to dominate the EV market, capturing 55% of sales in 2023, while German luxury brands are gaining traction with increasing EV sales, indicating a broader trend towards electrification across the automotive industry. Despite an anticipated slowdown in EV sales growth, the momentum towards electric mobility is expected to remain strong.^{xvi}

In the first quarter of 2024, despite a rise in EV sales to 268,909 new vehicles, the EV market share decreased to 7.3%, a decline from the previous quarter. The growth rate of annual EV sales in the U.S. market has tapered off, with a modest 2.6% increase year over year and a notable 15.2% decrease compared to the previous quarter, signaling a departure from the rapid growth experienced in previous years.^{xvii}

Stephanie Valdez Streaty, director of Industry Insights at Cox Automotive, acknowledged the downturn in EV sales in Q1 2024, marking the first quarter-over-quarter decline since Q2 2020. This decline was largely influenced by Tesla's sales decline, which had a notable impact on the overall market dynamics. However, despite this setback, several brands experienced considerable EV sales growth, exceeding 50% year over year. Analysts anticipate a mixed trajectory for EV sales in 2024, dubbed 'the Year of More' by Cox Automotive, with increased incentives, new products, and infrastructure expected to drive sales higher, despite the anticipated fluctuations in the industry's journey towards electrification.^{xviii}

Vehicle Personalization

The most renowned electric vehicle manufacturer, Tesla, has adeptly seized upon the trend of personalization,^{xix} aligning its offerings with the evolving demand for customized vehicles in the contemporary automotive landscape. In response, consumers increasingly prioritize vehicles that resonate with their individual tastes, seeking tailored trims and specific color options to reflect their unique preferences.^{xx} A study by the Specialty Equipment Market Association (SEMA) revealed that annually, car enthusiasts aged 16 to 24 collectively invest approximately \$7.2 billion in modifying their vehicles. Additionally, Gavin Knapp, SEMA's Director of Market Research, highlighted to the Associated Press that over 7.9 million young individuals engage in customizing, modifying, or upgrading their vehicles each year. Knapp emphasized that these vehicles serve not only as transportation means but also can play a role in their social lives.^{xxi}



Venture Financing

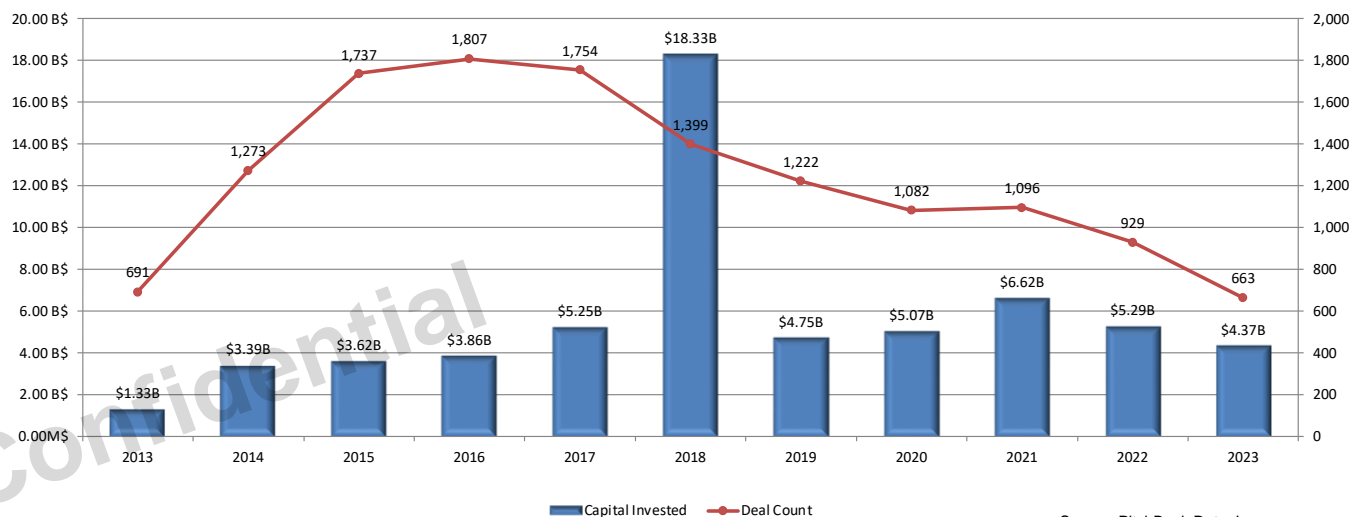
Glydsphere operates within the broader electronics business-to-consumer (B2C) industry which raised \$4.37 billion across 663 deals in 2023. While the total capital invested decreased from 2022, the median post-money valuation for deals in 2023 rose to a high of \$16.63 million, a 13.13% increase year-over-year. Additional highlights from the electronics (B2C) industry include:



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- Total of \$61.87 billion capital invested across 13,653 deals from 2013-2023
- Record high of \$18.33 billion invested in 2018
- Record median deal size of \$1.12 million in 2023, up from \$1.00 million in 2022
- Median pre-money valuation of \$13.01 million in 2023, an all-time high

Capital Invested and Deal Count in the Electronics (B2C) Industry, 2013-2023



COMPETITORS



HYUNDAI

Hyundai: Hyundai is pioneering the integration of simulated engine sounds and gear shifting sensations in EVs. The Hyundai Ioniq 5 N, a recently introduced electric SUV, offers three distinct sound themes and simulated gear shifts, creating an experience reminiscent of traditional combustion engines. This innovation is aimed at providing a more engaging driving encounter for users transitioning from gas-powered vehicles to electric ones. Hyundai's initiative reflects a commitment to bridging the gap between the two driving experiences, ensuring that drivers feel at home despite the shift to a new fuel source.^{xxii}



Dodge: Dodge is embracing artificial engine sounds and sensations as it prepares for an electric future. The brand unveiled an electric concept car featuring simulated exhaust sounds akin to those of a supercharged V8 engine. This unconventional approach acknowledges the desires of automotive enthusiasts who value the familiar experience of gas-powered vehicles. Dodge's bold move underscores its dedication to retaining the essence of its iconic muscle cars even in the electric era. While these innovations aim to address concerns about the "soul" of electric vehicles, their long-term viability remains subject to industry scrutiny and evolving consumer preferences. However, Dodge is still working on the final sound as they are not happy with the feedback they received so far when presenting the work in progress sound.^{xxiii}



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Borla: Borla specializes in manufacturing exhaust systems, focusing on delivering quality products that enhance engine sound and vehicle performance. The company's latest innovation, the Active Performance Sound System (APSS), seeks to enrich the driving experience of electric vehicles (EVs) like the Mach-E. Borla's APSS replicates the signature engine sounds of traditional internal combustion engine (ICE) vehicles through external speakers mounted on EVs. This innovation, which sells for \$1,600,^{xxiv} seeks to provide EV drivers with a familiar and immersive driving experience, bridging the gap between EVs and ICE vehicles.^{xxv} The Borla APSS involves a more complicated installation than the Glydsphere speaker. It is only available for the Ford Mustang Mach-E and not designed in a way that it would fit other EVs.^{xxvi}



Hansshow: Founded in 2018, Hansshow specializes in researching, developing, manufacturing, and distributing car exterior accessories. With a vision to offer reasonably priced vehicle-related products and expertise, Hansshow aims to cater to both auto parts wholesalers and individual users.^{xxvii} The company sells a Model 3/X/S Active Sound Exhaust for \$932, which gives an exhaust sound to electric vehicles.^{xxviii} According to an autoevolution report, a number of Tesla Model 3 owners complained that the navigation voice was unclear after updating to software versions 2023.26.7 and 2023.26.8. After some troubleshooting, it became clear that those affected by this bug also had a Hansshow audio kit upgrade to unlock Premium Audio in their Standard-Range Model 3.^{xxix} The Hansshow exhaust involves a more complicated installation than the Glydsphere speaker which involves drilling holes into the Tesla.^{xxx}

EXECUTIVE TEAM



Johannes Luckemeier, Founder & Chief Executive Officer: Johannes Luckemeier is an experienced professional with a diverse background in sound design, technological development, and program management. Currently serving as the CEO at Space Gravity, Inc., he brings over a year of strategic leadership to the role. Prior to this, Johannes alongside his father, co-founded Space Gravity GmbH (Glydsphere's now liquidated German entity). During his time at Space Gravity GmbH he served as Chief Technology (CTO) for nearly two years, contributing to the development of innovative technologies. His extensive experience also includes roles at leading companies such as HARMAN, Mercedes-AMG, Simba Dickie Group, and BMW, where he specialized in sound design, technological development, and sound branding for various products.

PAST FINANCING

Glydesphere has not previously raised outside capital, as the company has been entirely self-funded by its Founder Johannes Luckemeier.



Security Type: Crowd Note

Round Size: Min: \$25,000 Max: \$124,000

Valuation Cap: \$800,000 for the first \$50,000 invested, \$1 million thereafter

Conversion Provisions: In connection with equity financing of at least \$1 million, the Company has the option to convert the Crowd Note into non-voting preferred stock (Conversion Shares) at a price based on the price per share paid on a \$1 million valuation cap. Please refer to the Crowd Note for a complete description of the terms of the Crowd Note, including the conversion provisions.

RISKS

Investment Risk

An investment in the company is speculative, and as such is not suitable for anyone without a high tolerance for risk and a low need for liquidity. You should invest only if you are able to bear the risk of losing your entire investment. There can be no assurance that investors will receive any return of capital or profit. Investors should have the financial ability and willingness to accept the risks (including, among other things, the risk of loss of their entire investment and the risks of lack of liquidity) that are characteristic of private placement investments. There will be no public market for the securities being offered, applicable securities laws will restrict any transfer of the securities, and the securities will not be transferable without the company's consent.

The information provided herein is not intended to be, nor should it be construed or used as, investment, tax or legal advice, a recommendation to purchase, or an offer to sell securities of the company. You should rely on the offering statement and documents attached as exhibits to the offering statement when making any investment decision. An investment in the company is not suitable for all investors.

Company Risk

The company's industry is highly competitive, and the company may not be able to compete effectively against the other businesses in its industry. The company is subject to a number of significant risks that could result in a reduction in its value and the value of the company securities, potentially including, but not limited to:

- Rapidly changing consumer preferences and market trends,
- Inability to expand and maintain market acceptance for the company's services and products,
- Inability to gain access to international markets and comply with all applicable local laws and regulations,
- Inability to achieve management's projections for growth, to maintain or increase historical rates of growth, to achieve growth based on past or current trends, or to effectively manage rapid growth,
- Inability to develop, maintain and expand successful marketing relationships, affiliations, joint ventures and partnerships that may be needed to continue and accelerate the company's growth and market penetration,
- Inability to keep pace with rapid industry, technological and market changes that could affect the company's services, products and business,
- Technological problems, including potentially widespread outages and disruptions in Internet and mobile commerce,



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- Potential costs and business disruption that may result if the company's customers complain or assert claims regarding the company's technology,
- Failure to adequately address data security and privacy concerns in compliance with U.S. and international laws, rules and policies,
- Performance issues arising from infrastructure changes, human or software errors, website or third-party hosting disruptions, network disruptions or capacity constraints due to a number of potential causes including technical failures, cyber-attacks, security vulnerabilities, natural disasters or fraud,
- Inability to adequately secure and protect intellectual property rights,
- Potential claims and litigation against the company for infringement of intellectual property rights and other alleged violations of law,
- Difficulties in complying with applicable laws and regulations, and potential costs and business disruption if the company becomes subject to claims and litigation for legal non-compliance,
- Changes in laws and regulations materially affecting the company's business,
- Liability risks and labor costs and requirements that may jeopardize the company's business,
- Dependence on and inability to hire or retain key members of management and a qualified workforce,
- Ongoing need for substantial additional capital to support operations, to finance expansion and/or to maintain competitive position,
- Issuance of additional company equity securities at prices dilutive to existing equity holders,
- Potential significant and unexpected declines in the value of company equity securities, including prior to, during, and after an initial public offering, and
- Inability of the company to complete an initial public offering of its securities, merger, buyout or other liquidity event.

ⁱ <https://glydsphere.com/products/glydsphere-ev-speaker>

ⁱⁱ <https://www.coxautoinc.com/market-insights/q1-2024-ev-sales/>

ⁱⁱⁱ <https://www.coxautoinc.com/market-insights/q4-2023-ev-sales/>

^{iv} <https://www.forbes.com/sites/blakemorgan/2021/05/10/3-ways-tesla-creates-a-personalized-customer-experience/>

^v <https://runbuggy.com/the-growing-demand-for-a-personalized-vehicle/>

^{vi} <https://www.cuvva.com/how-insurance-works/car-modifications>

^{vii} <https://www.carsifu.my/news/talk-time-with-amgs-tobias-moers>

^{viii} <https://glydsphere.com/products/glydsphere-ev-speaker>

^{ix} <https://www.carsifu.my/news/talk-time-with-amgs-tobias-moers>

^x <https://runbuggy.com/the-growing-demand-for-a-personalized-vehicle/>

^{xi} <https://glydsphere.com/products/glydsphere-ev-speaker>

^{xii} <https://glydsphere.com/products/glydsphere-ev-speaker>

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^{xiv} <https://glydsphere.com/products/glydsphere-ev-speaker>

^{xv} <https://www.fortunebusinessinsights.com/consumer-electronics-market-104693>

^{xvi} <https://www.coxautoinc.com/market-insights/q4-2023-ev-sales/>

^{xvii} <https://www.coxautoinc.com/market-insights/q1-2024-ev-sales/>

^{xviii} <https://www.coxautoinc.com/market-insights/q1-2024-ev-sales/>

^{xix} <https://www.forbes.com/sites/blakemorgan/2021/05/10/3-ways-tesla-creates-a-personalized-customer-experience/?sh=cb8e29b23b37>

^{xx} <https://runbuggy.com/the-growing-demand-for-a-personalized-vehicle/>



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- ^{xxiii} <https://www.businessinsider.com/electric-car-ev-fake-engine-sound-hyundai-dodge-toyota-2023-7>
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- ^{xxix} <https://www.autoevolution.com/news/tesla-cracks-down-on-audio-mods-to-unlock-premium-audio-speakers-in-the-model-3-rwd-219956.html>
- ^{xxx} https://www.youtube.com/watch?v=P_ZXKx2-Tl8