



# SafeVibe

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# **Here's Why You Get No Cell Phone Reception at Concerts and Sporting Events**



# + OUR PRODUCT





# HOW IT WORKS

01

Cannot find your friend?  
Press the button

Your friend receives your signal

02

03

LED light +  
Vibration alert

Vibration frequency is dependent on distance

04

05

Friends found!





# BENEFITS

01

**Send Alerts**  
via Vibration

**Find** your  
Friends & Family

02

03

Put Phones  
**Away**

Light it up with  
**Festive LEDs**

04



# OUR COMPETITORS



App-based



Mobile  
network  
dependent

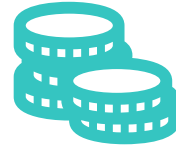


Expensive

# OUR BUSINESS MODEL



**B2B**



**Low  
selling  
price**



**Rental**





**800+ Festivals**

In the US

**32 Million**

Unique Attendees each Year



# The PLAN



+ Validation



6

**Business responded  
& expressed interest**



# THE TEAM

**Electronic  
Product  
Design**

**Startup  
Experience**



**Event  
Organising +  
Network**

**Business  
Experience**



# WHAT DO WE WANT?

**Industry connections**

**Tech/ Product  
development**





# SafeVibe

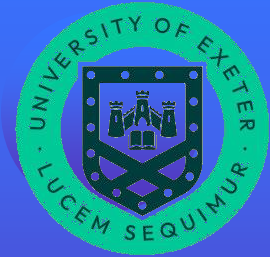
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SU:SS  
SINGAPORE UNIVERSITY  
OF SOCIAL SCIENCES



U.PORTO

ual: creative computing  
institute





## SafeVibe Financial Spreadsheet

Yellow = Adjustable Numbers

Unit Cost

Revenue	Year 1	Year 2	Year 3	Year 4	Year 5	Rent Price (\$)	6.5
Number of festivals	2	4	6	8	10	Word of Mouth Increase	0.05
Units Rented	1000	4000	9000	16000	25000	Average Size Festival	10000
						Percent of Users	0.05
Total Revenue	\$6,500.00	\$26,000.00	\$58,500.00	\$104,000.00	\$162,500.00		
Cost of Sales	Year 1	Year 2	Year 3	Year 4	Year 5		
Amount of Wristbands Owned	10,000	9000	17100	24390	26451	Lost or Stolen Decrease	0.1
Amount of Wristbands Produced	10,000	10000	10000	5000	0	Cost of Production (\$)	1
Total cost of sales	\$10,000.00	\$10,000.00	\$10,000.00	\$5,000.00	\$0.00		
Gross profit	-\$3,500.00	\$12,500.00	\$61,000.00	\$160,000.00	\$322,500.00		

Expenses					
Expenses	Year 1	Year 2	Year 3	Year 4	Year 5
Salaries - R & D	\$15,000.00				
Salaries	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
Marketing (30 per event)	\$390.00	\$780.00			
Expenses per Year	\$45,390.00	\$30,780.00	\$30,000.00	\$30,000.00	\$30,000.00
Net profit	-\$48,890.00	-\$63,670.00	-\$45,170.00	\$23,830.00	\$156,330.00



### **Rechargeable Battery: Lipo battery 501220 95mah**

Voltage: 3.7V

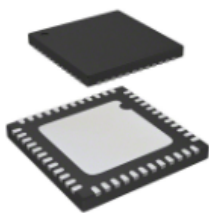
95mAh

Type of battery: Rechargeable Pouch (Polymer)

Dimensions: 12x20mm

Cost: \$1.25 per unit

[https://www.alibaba.com/product-detail/Lipo-Battery-501220-95mah-For-Earphone\\_60811299657.html?spm=a2700\\_gallervofferlist\\_p\\_offer\\_d\\_title\\_59c22ea1KBP6kP&s=p](https://www.alibaba.com/product-detail/Lipo-Battery-501220-95mah-For-Earphone_60811299657.html?spm=a2700_gallervofferlist_p_offer_d_title_59c22ea1KBP6kP&s=p)



### **SoC: EFR32BG13P532F512GM48-D**

7mm x 7mm

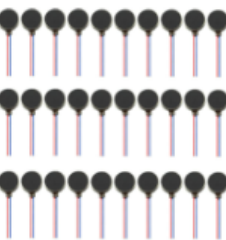
Bluetooth v5 protocol: works on distances of up to 400 m

Cost: \$4.065

Voltage: 1.8V ~ 3.8V

Current Receiving: 8.4mA ~ 14mA

<https://www.digikey.com/en/products/filter/rf-transceiver-ics/879?s=N4IgTCBcDaIKYDEBKBmMAhA4gRhQBOFYOE8sMBZAFhAF0AaEAniAEsATKEAWmwAZsIRgAcALt2EgxATxFxuHAM4BjEAF91QA>



### **Vibrating Mcotor: AEDIKO 10000rpm Self Adhesive**

#### **Vibration Motor**

Size: 10x2 mm

Unit Cost: \$0.433

Voltage: 3V

[https://www.amazon.com/AEDIKO-Vibration-Button-Type-Vibrating-10000rpm/dp/B09689XSYV/ref=sr\\_1\\_4?crid=3OGSH5NHQTASZ&keywords=mini+vibration+motor&qid=1690363158&s=electronics&srefix=mini+vibratio+motor%2Celectronics%2C249&sr=1-4](https://www.amazon.com/AEDIKO-Vibration-Button-Type-Vibrating-10000rpm/dp/B09689XSYV/ref=sr_1_4?crid=3OGSH5NHQTASZ&keywords=mini+vibration+motor&qid=1690363158&s=electronics&srefix=mini+vibratio+motor%2Celectronics%2C249&sr=1-4)

**RBG LED: \$0.01 per unit**

**Total Cost for Electronic Components: \$5.758**

**Melbourne**

# Groping and sexual harassment rife in Melbourne's live music venues, study finds

**5 years since man vanished at Electric Forest festival, parents aren't giving up**

**Goldman Sachs analyst is missing after Brooklyn concert**

17 hospitalized, 2 go into cardiac arrest at Ed Sheeran concert amid extreme heat

**Witness describes horror after a crowd crush at a Rochester, New York, music venue left 2 people dead**