

## **BUDGET**

<b>Items per ECHO Module</b>	<b>Approximate Cost</b>
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<b>(1) Parallax GPS Receiver Module</b>	<b>\$70</b>
<b>(1) Microcontroller</b>	<b>\$40</b>
<b>(1) High Power LED Array</b>	<b>\$20</b>
<b>(1) Power Supply</b>	<b>\$20</b>
<b>(1) Meraki Wi-fi Repeater</b>	<b>\$50</b>
<b>(1) Blimp</b>	<b>\$25</b>

**Total Cost Per Module = \$225**  
**x 10 Modules = \$2250**

### **Signal Processing Items**

<b>(2) Microphones</b>	<b>\$100</b>
<b>(1) Sound and GPS processing computer</b>	<b>\$500</b>
<b>(4) Wi-fi Access Points</b>	<b>\$200</b>

**Total Cost = \$800**

**Sum Total = \$ 3250**