

ECHO EYE

Universal Innovation Design
3B9
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What is Echo Eye?

Echo Eye keeps cyclists aware of approaching vehicles with handlebar vibrations, ensuring they stay focused on the road.

“Cyclists are uneasy from the proximity of cars so knowing if one is close would be helpful to react accordingly”

The small lightweight device can be easily attached to the rear end and handlebars of your bike, by using the built-in mount.



The Problem

Cyclists, those with hearing impairments or who listen to music, often struggle to detect approaching vehicles, leading to safety concerns.

How Does it Work?

Echo Eye detects when a vehicle approaches the rear of the bike and alerts the cyclist through vibrations on the handlebars, allowing them to stay focused on the road without distraction.

Our Mission

“To enhance cyclist safety by developing an intuitive alert system that detects approaching vehicles, providing timely warnings to cyclists without causing distractions. By increasing situational awareness and visibility on the road, we aim to empower cyclists with a safer, more confident riding experience.”