

Introducing CRG's High-Fidelity Drone Audio System

Effective crowd control demands innovative solutions. CRG's High-Fidelity Drone Audio System is a game-changing aerial drone equipped with a mobile sound shield (MSS), capable of delivering highly intelligible voice commands with a Speech Transmission Index >0.6 at 160' (50m). This agile drone offers safe, extended operation without causing hearing damage. An integrated microphone allows for clear two-way communication while maintaining a safe distance. Its vertical takeoff and landing (VTOL) capabilities ensure rapid deployment, and it can be launched from a mobile ground vehicle or a home ground station. The High-Fidelity Drone Audio System is transforming crowd control, providing both safety and efficiency.

The High-Fidelity Drone Audio System revolutionizes the way we manage large gatherings with the following features:



Clear Communication

Ensures messages are delivered with clarity, making them easily understood in the midst of crowds



Bidirectional Interaction

On-board microphone ensures a secure channel for two-way communication



Seamless User Experience

Intuitive interface facilitates swift message delivery, ensuring efficient communication



Part 107 Compliant

Rest assured that your operations are fully compliant with regulations when you take flight



Extended Mission Duration

Battery provides up to 20 minutes of flight time (including message delivery) on a single charge

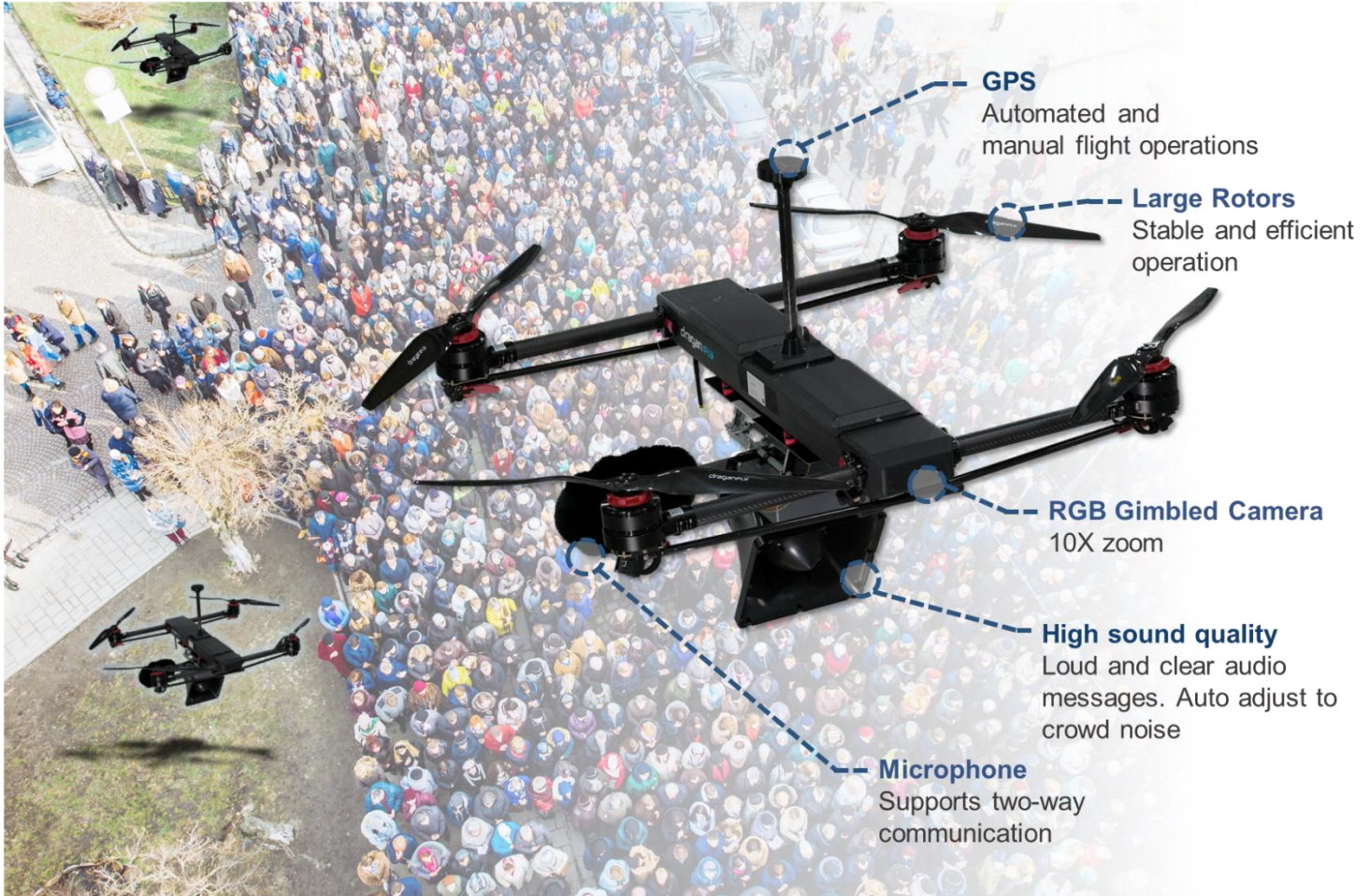


Flexible Flight Control

Opt for autonomous flight based on a pre-defined plan, or seamlessly switch to manual control

Optimize Crowd Control Efficiency

via an autonomous aerial drone with acoustic projection

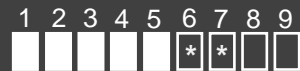


High-Fidelity Drone Audio System Status:

Potential Applications:

- Law Enforcement
- Search and Rescue
- Border Control

Technology Readiness Level:



Manufacturing Readiness Level:



Flight Testing:

In progress at various sites

* = anticipated TRL/MRL for 2024

For more information:

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