AOEXO Tech Compact Drone Loudspeaker System

Universal Drone Loudspeaker with Hook-and-Loop Strap Installation

Product Overview

The AOEXO Tech Universal Drone Loudspeaker is a lightweight, high-altitude remote broadcasting device designed for drones. It features **2,000-meter ultra-long-range real-time communication** and includes a custom compact intercom for multi-scenario applications. With tool-free installation, flexible volume control, and broad compatibility with small drones, it is ideal for patrol commands, emergency broadcasts, and public safety operations.

Key Features

2,000-Meter Long-Range Broadcast: Enables remote announcements and alerts for large-area patrols or emergencies.

Dual-Band Communication System: Switch frequencies seamlessly to combat environmental interference.

Ultra-Lightweight Design: Weighs only **95 grams** and installs quickly on any small drone.

High-Volume Output: **100 dB max volume** ensures clear audio transmission up to **200 meters**.

Multi-Scenario Adaptability: Perfect for patrols, command operations, and public announcements.

Tool-Free Installation: Secured via hook-and-loop straps for easy mounting and removal.

Extended Runtime: **2-hour continuous operation** for both the loudspeaker and remote controller.

Technical Specifications

Parameter	Details

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Weight	95g
Max Volume	100 dB (audible up to 200m)
Max Transmission Range	2,000m
Charging Time	Loudspeaker: 50 min; Remote: 90 min
Operating Time	120 min (speaker at full charge: 50 min; remote at full charge: 90 min)
Mounting Options	Upright/inverted installation
Loudspeaker Dimensions	100 × 35 × 125 mm
Remote Controller Dimensions	50 × 120 × 150 mm
Design	Compact, smooth, and portable
Communication	Dual-band system with anti-interference switching
Installation	Hook-and-loop straps for universal drone compatibility

Parameter	Details
Applications	Patrol commands, aerial announcements, emergency alerts
Materials	ABS plastic, electronic components

Recommended Use Cases

Urban Patrol: Deploy on drones for large-scale city surveillance and hazard alerts.

Disaster Response: Coordinate rescue teams via aerial commands in emergency zones.

Scenic Area Safety: Broadcast visitor guidelines and warnings via drones.

Beach Security: Issue safety alerts and hazard warnings to beachgoers.

Traffic Control: Direct vehicle flow during accidents or congestion.

Weather Alerts: Broadcast evacuation instructions during extreme weather events.

Environmental Monitoring: Warn communities near polluted areas via aerial alerts.

Wildlife Protection: Deter poaching with drone patrols and warnings.

Anti-Terror Patrols: Enhance security at large events with real-time announcements.

Sports Event Management: Manage crowds and broadcast safety instructions.