

Emitter



Control Unit



Amp Pack



SECURITY AND COMMUNICATION

- › Powerful acoustic security capability and attention-commanding communication
- › Safe, non-lethal, non-kinetic warning tone creates instant acoustic perimeter around the vehicle
- › Broadcast up to 100 meters in all directions from the safety of the vehicle's interior

FEATURES

- › Rugged emitter with magnetic vehicle mounts
- › Dash-mounted control unit to broadcast live speech or prerecorded tones and messages
- › Watertight and dustproof mobile amplifier pack
- › High-capacity lithium-ion batteries
- › Simple to operate interface
- › Protective hard cases for transport and storage

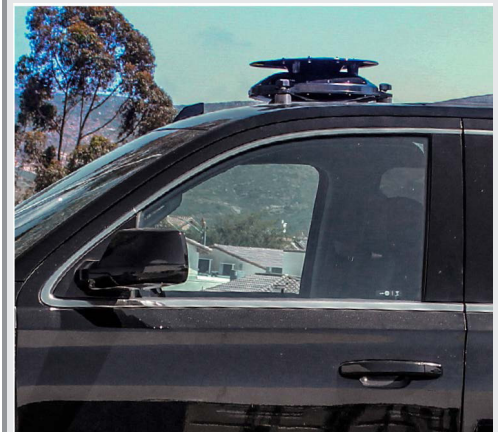
ORDERING INFORMATION

CATALOG NUMBER	PRODUCT INFORMATION
FKIT-05	Mobile sound shield kit with emitter, amp pack, dash-mounted control unit, and cables

OPTIONAL ACCESSORIES

Console-Mounted Control Unit

Spares Kit



LRAD Mobile Sound Shield

360° Vehicle Security and Communication System

INTEGRATED 360° VEHICLE SECURITY & COMMUNICATION

The Mobile Sound Shield broadcasts powerful warning tones and highly intelligible voice commands in a full 360° radius up to 100 meters.

Using optimized driver and waveguide technology, the Mobile Sound Shield surrounds the equipped vehicle with an acoustic security barrier.

Audio communication with the Mobile Sound Shield is a safer, non-lethal option to address security threats and avoid incident escalation.

The Mobile Sound Shield uses noise dampening technology that significantly reduces audio levels inside the equipped vehicle.



MECHANICAL

Emitter Dimensions	Height: 5.6 in (14.2 cm)	Diameter: 16 in (40.6 cm)
Emitter Weight	13.6 lb (6.2 kg)	
Emitter Construction	Construction molded low smoke composite, 6061 aluminum, 316 stainless hardware	
Amp Pack Dimensions	14.2 in L x 11.4 in W x 6.5 in D (36.0 cm L x 29.0 cm W x 16.5 cm D)	
Amp Pack Weight	17.0 lb (7.7 kg)	
Control Unit Dimensions	5.5 in L x 8.5 in W x 4.0 in D (14.0 cm L x 21.6 cm W x 10.1 cm D)	
Control Unit Weight	1.8 lb (0.8 kg)	

ACOUSTIC

Maximum SPL @ 1 meter	121 dBA (Warning Tone)	105 dBA (Voice Broadcast)
Communication Range	100 meters in ideal conditions 32 meters with 88 dB of background noise.	
Sound Projection	360°	

ELECTRICAL

Maximum Power Consumption	150 Watts (Warning Tone)
Normal Power Consumption	25 Watts (Voice Broadcast)
Power Input	2x (30 v / 15 v, 288 Wh)

ENVIRONMENTAL PERFORMANCE

Product designed to meet the performance specifications listed below

Operating Temperature Range	MIL-STD-810H, Method 502.7 & 501.7, Procedure II, -27 °F to 120 °F (-33 °C to 49 °C)
Storage Temperature Range	MIL-STD-810H, Method 502.7 & 501.7, Procedure I, -40 °F to 158 °F (-40 °C to 70 °C)
Operating Humidity	MIL-STD-810H, Method 507.6, Procedure II, Aggravated Cycle
Rain	MIL-STD-810H, Method 506.6, Procedure I, Blowing Rain
Salt Fog	MIL-STD-810H, Method 509.7
Shipboard Vibration	MIL-STD-167-1A
Shipboard Shock	MIL-SRG-901D, Type I, Shock Grade B
Random Vibration	MIL-STD-810H, Method 514.8, Wheeled Vehicles
SRS Shock	MIL-STD-810H, Method 516.8, Procedure I (Functional Shock)



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