

The Kepler Warning System (KWS) is a comprehensive and customizable public address system that integrates with the Kepler51 platform for effective emergency communication paired with state-of-the-art monitoring and predictive modeling.

KEY FEATURES

- ▶ Automated Alerting to Hazardous Events
- ▶ 360-Degree Audio and Visual Alerting
- ▶ Text-to-speech Capabilities
- ▶ Solar-Powered Options
- ▶ One Week of Battery Reserve
- ▶ Customizable Alert Types
- ▶ Automated Self-Testing
- ▶ Kepler51 Safety Command Center
- ▶ Integration
- ▶ Redundant Connectivity Solutions

USE CASES

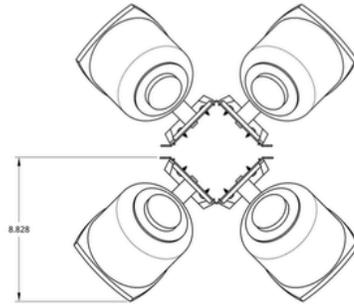
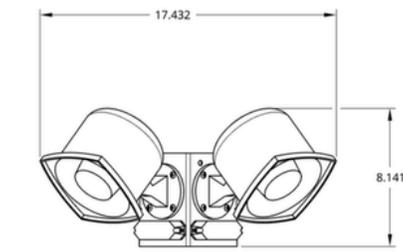
- ▶ Tornado Warnings
- ▶ Lightning Alerts
- ▶ Earthquake Notifications
- ▶ Fire Evacuations
- ▶ Flood Alerts
- ▶ Active Shooter Alerts
- ▶ General Evacuations
- ▶ Shelter-in-Place Orders
- ▶ Ad-Hoc Messaging



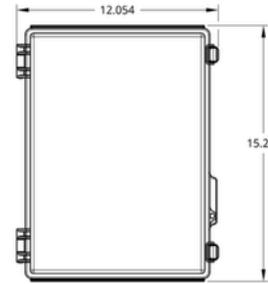
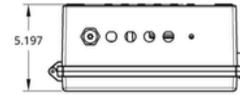
At Kepler51 Analytics, we integrate advanced technologies into a cohesive platform designed to manage and mitigate hazardous events. The Kepler Warning System (KWS) is the pivotal mass notification component of this ecosystem, ensuring that alerts are communicated swiftly and effectively across all channels.

KWS features 360-degree audio and visual alerts with high-volume output, ensuring maximum coverage and clarity. It can withstand the most extreme weather conditions, including hurricane-force winds, while its IP65 rating guarantees dust and water resistance. KWS can operate self-sufficiently with solar power, and both solar and non-solar options offer a week-long battery reserve, ensuring continuous functionality during power outages. Regular automated self-testing ensures reliable performance, while flexible indoor and outdoor options make it adaptable to any environment, from pole and wall mounting options to trailers and skid/sled mounts. Customizable alerts, including various sound types and text-to-speech capabilities, provide clear and actionable communication. This comprehensive system addresses a wide array of emergency scenarios, including natural disasters, and human induced incidents, making it an essential component of any safety strategy.

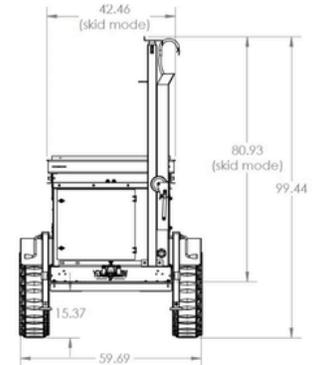
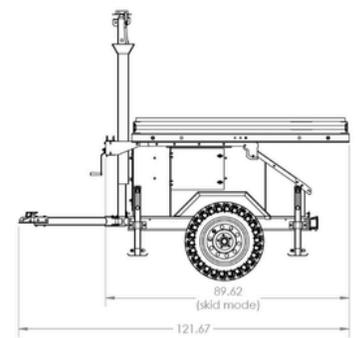
The Kepler Warning System (KWS) exemplifies superior quality and engineering, designed to provide reliable performance, durability in extreme conditions, and advanced functionality for effective emergency communication.



LIGHT/SPEAKER ASSEMBLY



CONTROL UNIT



TRAILER/SKID

ALERTING CAPABILITIES

Tornado

Site Specific Tornado Warning - Shelter in Place Alerts.

Lightning

Outdoor operations are shut down when lightning is detected in the area. Advanced proprietary models reduce downtime and increase safety.

Earthquakes

Partnership with the USGS ShakeAlert Earthquake Early Warning System for the West Coast of the United States.

Active Shooter

Mobile device activation and templates for messaging, instructions, and automated emergency notification of authorities.

Evacuation Orders

Customizable alerts and templates with text to speech capabilities to ensure orderly evacuation during emergencies.

Ad-Hoc Messaging

Customized messaging and escalation workflows available from the mobile and desktop applications.

Sensor Integration

Integration with IoT sensors with the ability to monitor and alert to predefined thresholds.

Custom Alerts

Alerts may be set up for any data feed and thresholds customized to specific industry and company standards.

Predictive Modeling

Kepler51 aggregates data and utilizes machine learning and AI to create predictive models to preemptively mitigate hazards.

Complete Automation

End to end automation of safety policies and practices.

DEVICE SPECIFICATIONS

Sound

360° Coverage
126 dB output
85 dB at 100m

Light

360° Coverage
SAE Class 1 – Emergency Services Rated

Power Management

Universal AC (90 ~ 264VAC)
Battery Reserve for up to 7 days
Power Disruption Alerts

Solar

Self-sustaining solar options for remote or power limited areas.

Operating Temperature

-40° to 60°C
-40° to 140°F

Communication

LTE-M
Mesh 915MHz Secondary Communication

Weather Resistance

IP65 Rated

Mounting

Universal Rafter Mounting
Pole Mounting
Single Direction Wall Mounting.

Trailer/Skid

Solar Trailer and skid options. Equipped with a 21-foot telescoping mast rated to withstand category 1 hurricane force winds.

Certification

NRTL Certified