

# UMAS

LONG RANGE ACOUSTIC  
SYSTEM





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Long Range Acoustic System – UMAS, which is developed by ASELSAN, is a high performance acoustic system that broadcasts acoustic signals and messages. UMAS can broadcast a recorded voice, speech and certain tones up to 1000m effectively with its 145 dB narrow beam. System provides user with ability to intervene in individual or social events. It also enables user to establish a safe zone against vehicle threats. Due to its divertable narrow beam, UMAS can operate towards desired direction without harming friendly factors.

### General Specifications

- Specially designed for use for vehicle, stand alone and naval platforms
- Divertable acoustic broadcasting capability
- Divertable message broadcasting
- Built in test
- No calibration is required

### Fields of Use

- Military Security
- Strategic Platform Security
- Public Safety

### Technical Specifications

- Horizontal Positioning :  $\pm 90^\circ$
- Vertical Positioning :  $\pm 45^\circ$
- Operation Frequency : 1kHz–10kHz
- Broadcasting Signal Strength: 145 dB
- Scattering :  $\pm 7,5^\circ(2\text{kHz'de})$
- Effective Range : 1000 m
- Operating Temperature :  $-20^\circ\text{C} - +50^\circ\text{C}$  (MIL-STD-810G)
- Storage Temperature :  $-40^\circ\text{C} - +70^\circ\text{C}$  (MIL-STD-810G)

### Physical Specifications

- Emitter Head Dimensions : 90x90x30 cm
- Emitter Head Weight : 40 kg