

UMAS

LONG RANGE ACOUSTIC SYSTEM

REMOTE CONTROL

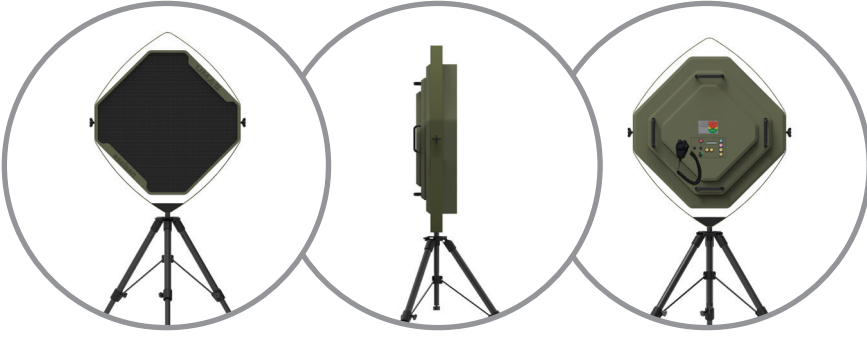
EFFECTIVE FOR PUBLIC SAFETY&BOARD SECURITY

DIRECTIONAL ACOUSTIC BROADCASTING

DIRECTIONAL AUDIO MESSAGE BROADCASTING

ONBOARD STORAGE MEMORY





UMAS

LONG RANGE ACOUSTIC SYSTEM

ASELSAN's Long Range Acoustic System is a high performance directional acoustic source that can broadcast acoustic signals and audio messages to long distances. UMAS can broadcast acoustic records, speech and certain warning tones up to 1,250 meter effectively and clearly with its narrow beam and 153 dB high source level.

System provides user an ability to intervene terrorist activities, social events and vehicle threats. Due to its directional narrow beam, UMAS can operate towards threats without harming friendly factors outside the acoustic transmission sector.

General Specifications

- Specially designed to be used stand alone, on land vehicles, and on naval platforms
- Directional acoustic broadcasting
- Directional audio message broadcasting
- Built in test
- Calibration not required
- Remote control (for sound)
- Broadcasting via the hand microphone with playback feature
- Onboard storage memory (via microphone or USB)
- PC software for customization of audio recordings (optional)

Fields of Use

- Military Security
- Strategic Platform Security
- Public Safety
- Board Security

Technical Specifications

- Sound Pressure Level : 153 dB re 20 μ Pa
- Beam Width : $< \pm 15^\circ$
- Effective Range : 1,250 m
- Operating Frequency : 1 kHz – 10 kHz
- Horizontal Positioning : $\pm 180^\circ$
- Vertical Positioning : $\pm 45^\circ$
- Power Consumption : $< 1,000$ W
- Operating Temperature : $-30^\circ\text{C} / +60^\circ\text{C}$ (MIL-STD-810G)
- Storage Temperature : $-40^\circ\text{C} / +70^\circ\text{C}$ (MIL-STD-810G)

Physical Specifications

- Acoustic Antenna Dimensions : 100 x 100 x 40 cm
- Acoustic Antenna Weight : 40 kg