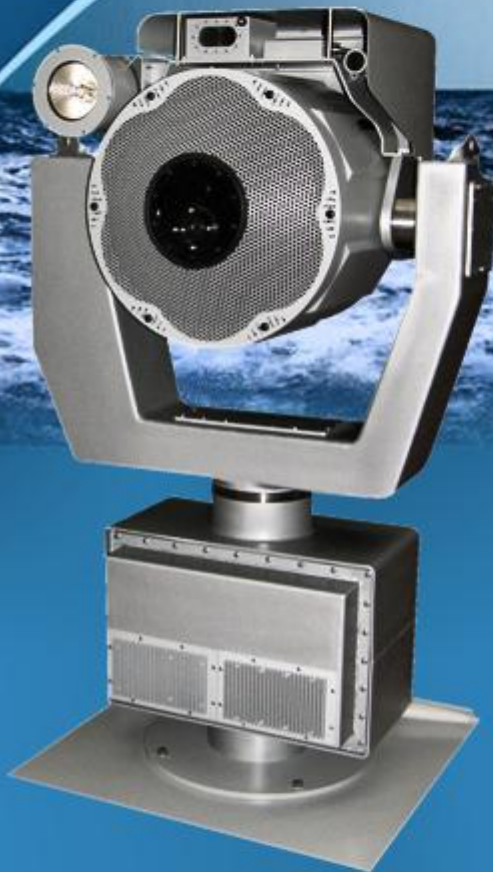


# MASS CS-424 Multirole Acoustic Stabilized System



## ANTI PIRACY SEARCH AND RESCUE SHIP SELF DEFENCE

The system expressly designed for ship self defence applications, allows:

- Identification of potential threats by means of video camera
- Hailing potential threats by sending long distance voice messages in narrow beam
- Contrast the approaching threats by:
  - Extremely loud disturbing sounds
  - High intensity light
  - Laser dazzler

Its stabilized and remotely controlled platform allows operations at sea.

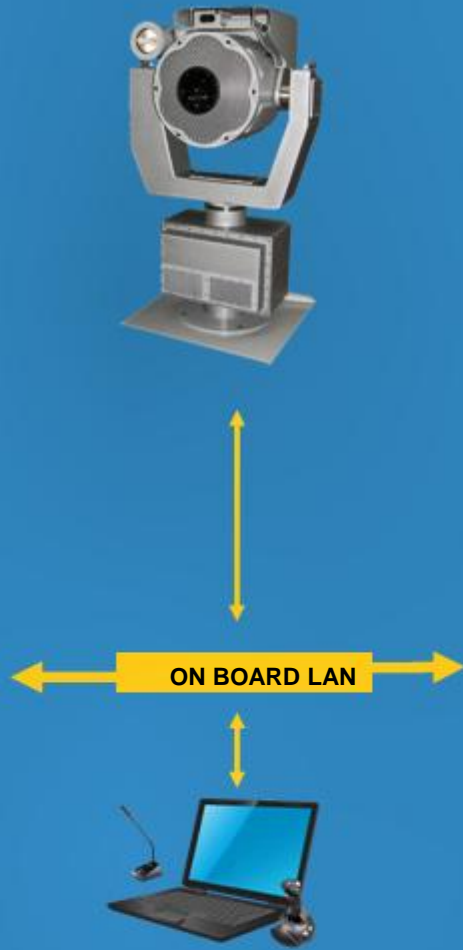
### FEATURES

- 3000 meters audio range
- Sound pressure level 156 db A – weighted at 1m
- Beamwidth +/- 5° (10° conical @2KHz – 3dB)
- Frequency response 245 Hz to 10KHz
- Three axes auto-stabilization
- Automatic pointing
- Video/Audio recording
- Search Light with 3500 meters range, 12 Mcd remotely controlled beam

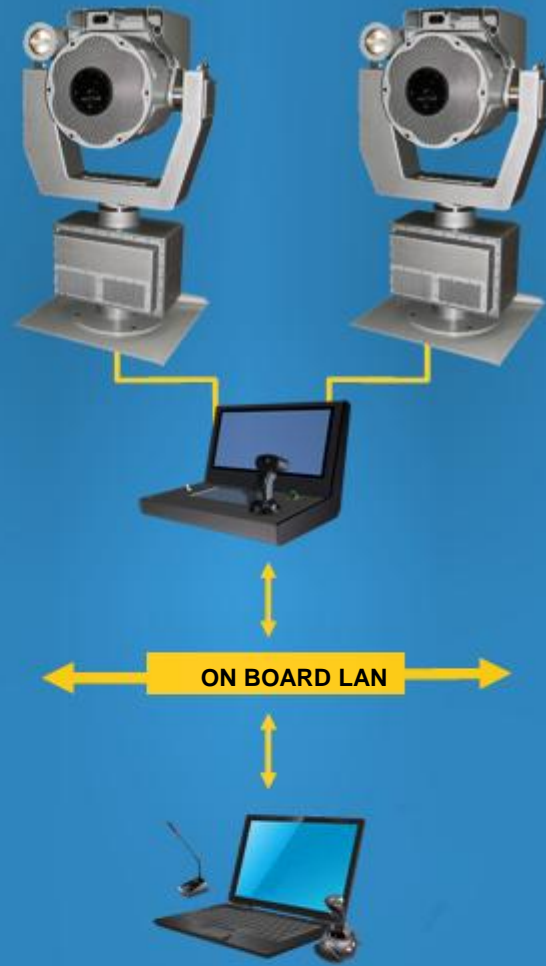
### OPTIONS

- Daylight TV Camera (with 30xzoom)
- Daylight TV Camera + IR Camera
- Military Grade Control Console
- Radar Interfaceability
- Laser Dazzler
- Laser range Finder (Eye-Safe)
- Video Tracking
- Local palmtop Control Console

## CONFIGURATIONS



SINGLE EMITTER CONFIGURATION



DOUBLE EMITTER CONFIGURATION

## TECHNICAL CHARACTERISTICS

### ABOVE DECK EQUIPMENT

DIMENSIONS(mm)	1530(H)x950(W)x660(D)
WEIGHT(Kg)	230 Approx
POWER SUPPLY	115 VAC
CONSUMPTION	
Average during operation	600 W
Maximum	1.5 KW
POINTING ACCURACY	+/- 0.5°
ROTATION SPEED	50°/sec

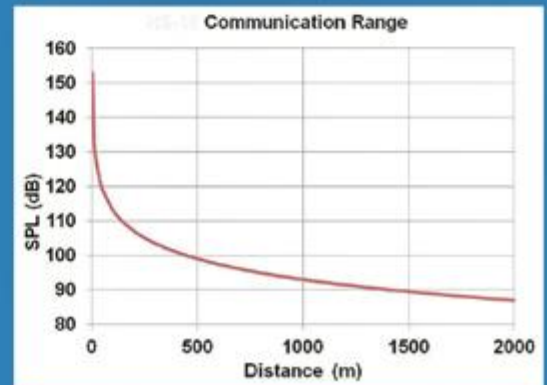
### INTERFACES

WITH RADAR (OPTION)	NMEA 0183N (TTD MESSAGE)
WITH GYROCOMPASS (OPTION)	NMEA0183 (HDT MESSAGE)
WITH THE ON BOARD LAN	ETHERNET 10/100

### ENVIRONMENTAL

TEMPERATURE	MIL-STD-810F METH 501.4 and 502.4
VIBRATION	MIL-STD-167-1A
SHOCK	MIL-S-901D
RAIN	MIL-STD-810F METH 506.4
HUMIDITY	MIL-STD-810F METH 507.4
SALT FOG	MIL-STD-810F METH 509.4
EMC	MIL-STD-461C CLASS IV

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