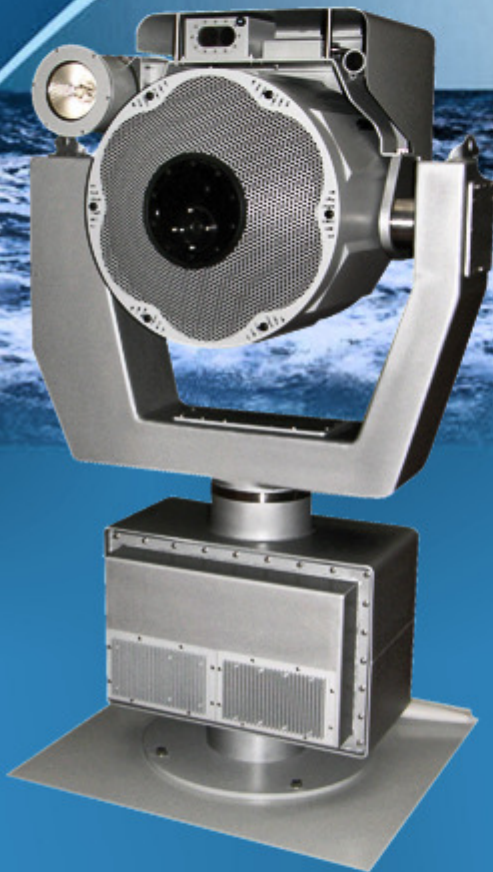


MASS CS-424 Multirole Acoustic Stabilized System



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
- Countering the approaching threats by:
 - Extremely loud disturbing sounds
 - High frequency/intensity stroboscopic light
 - Laser dazzler

Its stabilized and remotely controlled platform allows operations at sea.

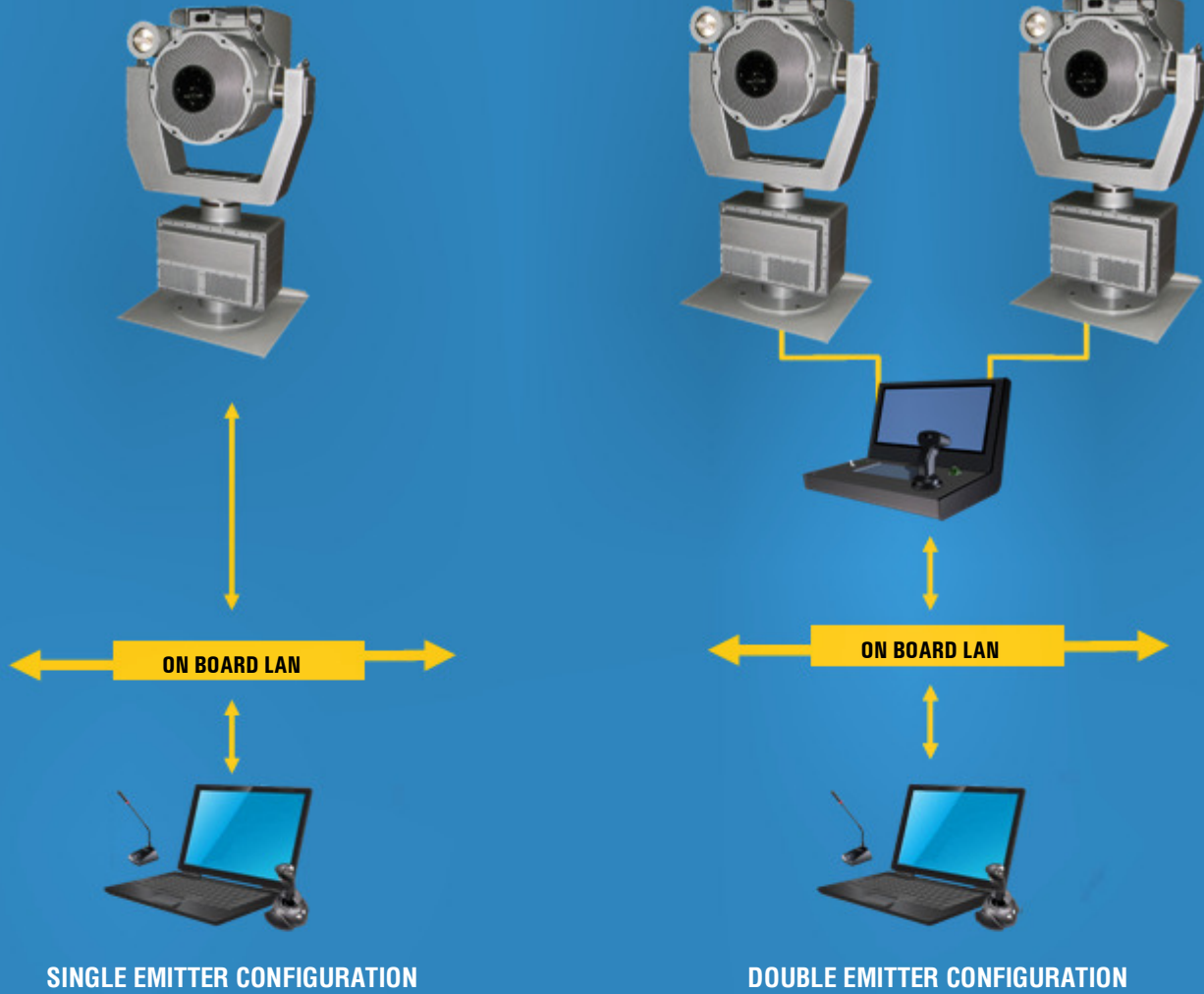
FEATURES

- 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 and strobe rate

OPTIONS

- Daylight TV Camera (with 20xzoom)
- 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



TECHNICAL CHARACTERISTICS

ABOVE DECK EQUIPMENT

DIMENSIONS(mm)	1530(H)x950(W)x660(D)
WEIGHT(Kg)	230 Approx
POWER SUPPLY	115 VAC
CONSUMPTION	600 W
POINTING ACCURACY	+/- 0.5°
ROTATION SPEED	60 %/sec

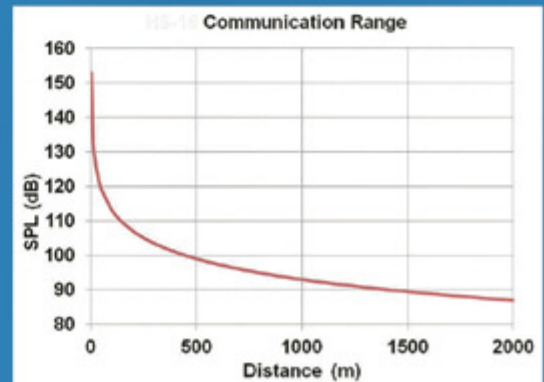
INTERFACES

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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