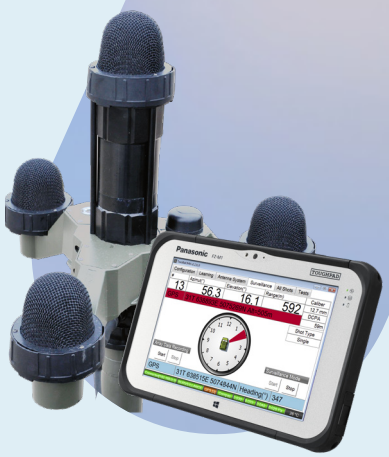
metravibdefence



PILAR V Naval

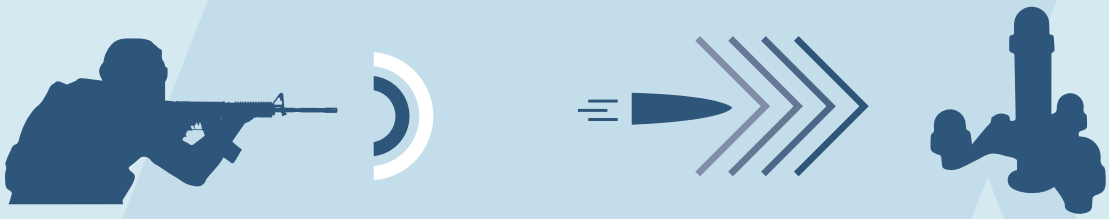
Acoustic Gunshot Detector

Advanced solution for patrol vessels and fast intervention crafts

Metravib Defence PILAR V NAVAL is an acoustic sensor that detects and locates enemy's position. Designed to be mounted on any Special Operations boats to improve crew and boat survavibility and enhance situational awarness.

metravib-defence.com

HOW DOES ACOUSTIC GUNSHOT DETECTION WORK?



Muzzle Blast | Direction of the shot origin

Shock Wave | Shot Alert

FEATURES

Real-time situational awareness

- 360° area coverage
- Battlefield environment awareness
- Operates with single, multiple, burst and simultaneous shots
- Filters outgoing fire

Easy to use

- Only one acoustic sensor, one display unit and connection cables
- No calibration required, each replaceable microphone
- Built-in test
- Training mode available (blank ammunition)
- Easily adaptable kit for all vehicles
- Simple interface protocol
- MIL-STD compliant

Accurate gunshots location & threat classification

- Small fire localization accuracy (RMS)
  - Azimuth: ± 2°
  - Elevation: ± 3°
  - Range: ± 10%
- Type of attack identification (single/burst shots)
- Multiple-class calibre identification
- Multiple threats (RPG + Mortars) (option)
- Slew-to-cue capability of Remote Weapon Station (RWS)

On-the-move tracking

. Built-in navigation module

. Absolute position of the shooter (GPS coordinates)

. Update of relative coordinates of the shot origin while the vessel is moving

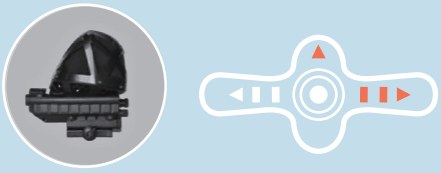
MAIN REFERENCES

Belgium
Brunei
Bosnia
Czech Republic
Denmark
Egypt
France
Germany
Ghana
Indonesia
Italy
Japan
Mexico
Namibia
Norway
Poland
Saudi Arabia
Singapore
Slovakia
Spain
Tunisia
Turkey
UK
Ukraine
USA

MAIN BATTLEFIELDS

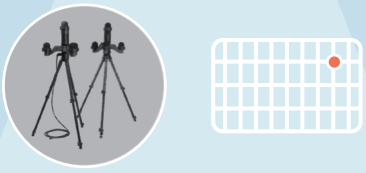
Afghanistan
Balkans
Central African Republic
Iraq
Mali

METRAVIB DEFENCE PRODUCTS



PEARL
Soldier Version

- Azimuth, Elevation



PILAR
Ground Version

- Azimuth, Elevation, Range
- GPS coordinates of the shooters' position displayed on the map
- Real-time picture of the shooter (option)

PILAR
Vehicle Version

- Azimuth, Elevation, Range
- Calibre Identification
- On-the-move target tracking

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