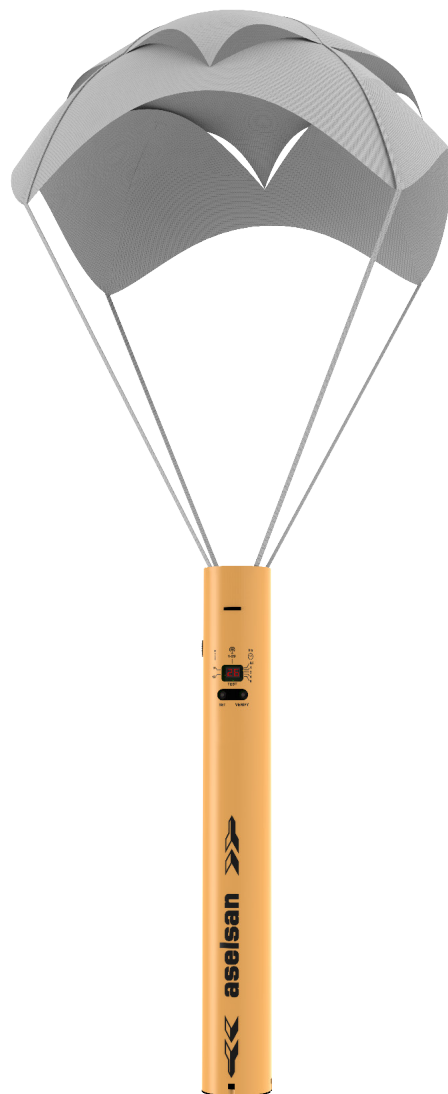


ASELBUOY

PASSIVE DIRECTIONAL SONOBUOY





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ASELBUOY is a NATO A-size passive directional sonobuoy, deployed from aircrafts and surface ships alike.

ASELBUOY can operate in two different depths, providing directional acoustic information in the 5 - 2400 Hz frequency band on the horizontal plane. The buoy can send this acoustic information to aircrafts and surface ships via one of its 96 VHF communication channels. Operating depth, VHF communication channel and operating time are programmable from the user interface on the buoy itself before deployment. VHF communication channel, operating time and operating depth can also be changed after launch by remote commands. As an expendable system, sonobuoy scuttles at the end of its programmed operating time.

General Properties

- NATO A-Size
- DIFAR sensor
- Programmable by local user interface and remote command receiving interface
- 1W RF output power
- 96 VHF channels (136 Mhz – 173.5 Mhz)
- 5 - 2400 Hz frequency band
- 30 m and 150 m operation depths
- 0.5, 1, 2, 4 or 8 hours operating time

