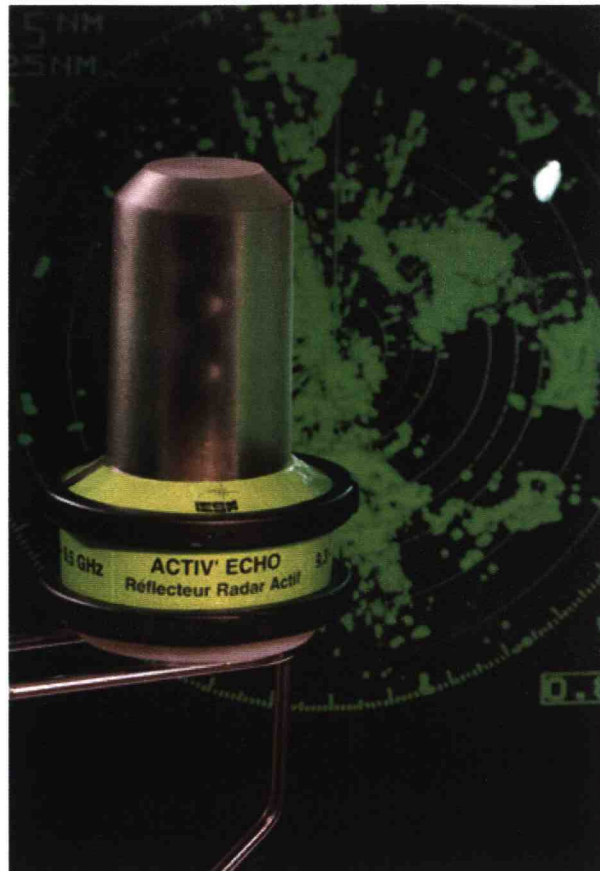


ACTIV'ECHO

RADAR REFLECTOR/RADAR DETECTOR



New safety equipment **ACTIV'ECHO** is an active radar reflector that answers to any ship radar in the X band (9,3 to 9,5Ghz) and indicates its presence to vessels in the vicinity. It makes visible any object with too weak an echo to be detected.

ACTIV'ECHO is also a radar detector that is very useful for solo sailing. It constantly monitors vessel radars sailing within close range.

A visual and loud alarm signal warns the skipper as soon as a radar signal is received.

Efficient range is a few miles with the antenna installed 2 meters high minimum and an interrogating radar 15 meters high.

APPLICATIONS :

ACTIV'ECHO is suitable for any vessels whatever the weight. It can also equip buoys with limited radar coverage.

ACTIV'ECHO

TECHNICAL DESCRIPTION :

ACTIV'ECHO complies with stringent environmental conditions:

- Watertightness 10mts
- Temperature -20°C to + 50°C`
- Drop test from 20 meters in water.

MECHANICAL CHARACTERISTICS

- Antenna weight : 600gr
 - Horizontal omnidirectionnal $\leq \pm 2\text{dB}$
 - Vertical $\pm 12,5^\circ$
- Dimensions 170 x 110 x 110 mm
- Drop test from 20 meters in water.

ELECTRICAL CHARACTERISTICS

- Power supply = 10 to 14V
- Consumption in stand by mode: 34mA
- Consumption in transmission= 450mA/5 μ s
- Operation even with several pulses
- Maximum acceptable signal + 30dbm
- Output power +25dbm
- Protection against wire inversion
- Sensitivity better than -35dbm

FRONT PANEL

- To be integrated to electrical panel
- Dimensions 160 x 48,03 mm
- ON/OFF/Visual alarm

S.A. au capital de 1 920 000 Euros
335 230 942 R.C.S. Lorient - SIRET 335 230 942 00013 - Code NAF 322A



SERPE-IESM



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