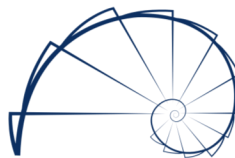


AIS FLARE ECO

Personal Locator Beacon



- Sailing
- Boating
- Wind & Kite surfing
- Fishing
- Diving
- Kayaking
- Stand Up Paddleboards
- Surfing
- Aboard Cruise Ships
- Anywhere on the water



Aquaventures, Inc.



2017 Miami Boat Show
Innovation Award Winner

SEA ANGEL

FT-TEC
Electronics

The Sea Angel AIS FLARE ECO
is designed and manufactured by
FT-TEC Austria. Aquaventures,
Inc. is an authorized distributor.



US
Coast Guard
Approved



The smallest, longest lasting,
most affordable, highest quality
AIS/DSC personal locator beacon
available anywhere in the world!

www.aquaventures.net
(954) 646 7633

Use code AV_2017 for free shipping



AIS FLARE ECO
Personal Locator Beacon

Broadcasts emergency distress signal
with GPS position on AIS and DSC for
the fastest rescue possible.



Aquaventures, Inc.

www.aquaventures.net
(954) 646 7633

AIS

Automatic Identification System

- What is AIS?

A radio based collision avoidance system which allows ships to “see” other ships. Each ship with AIS is represented by a symbol on the AIS radars and electronic chart systems of every ship within range. The AIS position is derived from the GPS device built into the unit.

- Who has AIS?

All commercial ships, most yachts and many small boats. AIS is now standard on almost all vessels in the world. AIS is also constantly monitored by Coast Guard agencies worldwide.

- How can AIS help me get rescued?

When the **AIS FLARE ECO** is activated every vessel within range will see a very obvious emergency symbol on their AIS radars and electronic chart systems and are required by law to rescue you.

- What is the range?

AIS range is based on line of sight. The higher the antenna of the transmitting and receiving antennas, the farther the range is. The range on the **AIS FLARE ECO** is typically 4 miles but can be up to 10 miles.

- How long will the **AIS FLARE ECO** transmit?
At least 72 hours. (designed for 96 hours)

- How long will the **AIS FLARE ECO** battery last?

At least 5 years (designed for 7 years)

- I already have an EPIRB on my boat . How does this compare?

EPIRB (Emergency Position Indicating Radio Beacon) is a worldwide satellite based emergency locator. When activated, a 406 MHz distress signal is transmitted to a satellite and the information is then routed to the closest search and rescue organization. AIS is a localized system that transmits a radio signal to all AIS vessels within the vicinity. These two systems are complimentary to each other.



AIS Flare ECO

- Broadcasts a distress signal on AIS and DSC frequencies
- Waterproof
- Flashing Strobe
- Built in GPS
- Automatic Activation when using Inflatable Life Jackets
- Activated by pressing button or pulling ripcord
- US Coast Guard Approved
- FCC Approved
- Designed to SOLAS requirements
- Developed and manufactured by FT-TEC in Austria
- 5+ Year Battery Life
- Transmits for 72+ Hours

DSC

Digital Selective Calling

- What is DSC?

DSC is a VHF radio service that allows mariners to instantly send a distress alert to Coast Guard or other rescue authority anywhere in the world. Local vessels are authorized to forward this distress information, including vessel identity and position, to Coast Guard.

- Who has DSC?

All commercial ships, all yachts and almost all small boats carry a VHF radio which will receive the DSC distress signal. DSC has been required on all VHF radios in the US since 1999. DSC is now the worldwide standard for VHF radio automatic distress alerts.

- How can DSC help me get rescued?

All ships within range of the activated **AIS FLARE ECO** will receive a distress alert on their VHF radios including vessel identity and position.

- What is the range?

VHF range, like AIS, is based on line of sight. The higher the antenna of the transmitting and receiving units, the farther the range is. The range on the **AIS FLARE ECO** is typically 4 miles but can be up to 10 miles.

- Does the **AIS FLARE ECO** always broadcast the DSC distress alert?

No, the **AIS FLARE ECO** must first be programmed with the vessels' Maritime Mobil Service Identity (MMSI) number.

- What is the MMSI number?

Every vessel required to have a VHF radio aboard is assigned a unique Maritime Mobil Service Identity (MMSI) 9 digit number by the FCC (Federal Communications Commission). If there are multiple **AIS FLARE ECO** units aboard, each unit is programmed with the same vessel MMSI number. Recreational boaters not required to carry a VHF radio may obtain a MMSI number from Boat US, Sea Tow or U.S. Power Squadron.