

## easy POS'N'HOOK



Fishermen's new friend for  
easy buoy locating!



VHF object marking and locating  
based on AIS technology

# The easyPOS'N'HOOK is a locator beacon based on AIS technologies.

The device enables fishermen to re-locate their exposed nets and lines marked with a buoy. In bad weather conditions and heavy sea, finding placed buoys is difficult to handle.

Many Fishermen create a waypoint on the chartplotter to a geo-reference but this is not a sufficient solution because it will be a one-time information and nothing more. Fishermen need to know persistently where the buoys are located.

## Function

The locator beacon easyPOS'N'HOOK is closing the possible gap of information of where the buoy will be after the current or heavy weather conditions dragged the buoy away.

The easyPOS'N'HOOK has got a built-in 72 channel GPS receiver. A position report with updated current position will be transmitted continuously after activation in a pre-set time interval, once per 3 minutes. Other reporting intervals are selectable by software.

The buoy's position reporting is realized via VHF, similar to the AIS system, but on special customized frequencies. Name or number of the buoy can also be added into the easyPOS'N'HOOK programming for a better identification of the buoys. As soon as the vessel is back in the transmission range of the easyPOS'N'HOOK, the special tuned Weatherdock receiver unit will get again real-time position reports of the marked buoy.

All settings and data to transmit can be checked with the TEST button before starting. As soon as the test position of the buoy is received, the unit is ready to go.

By means of a special peering between locator and weatherdock receiver, it is guaranteed that only buoys belonging to the vessel are displayed on the chart plotter.

## What is necessary to run the easyPOS'N'HOOK

Each buoy which is to be exposed must be equipped with one easyPOS'N'HOOK. The charging station with intelligent power management ensures ideal charging for longest batterie lifespan possible. The object-related data is programmed into the device by the customer administrator or the manufacturer.

As a receiver, you need to have the Weatherdock AIS receiver easyRX3 which is tunable to the special customized VHF frequencies used for the marking and locating.



easyRX3 (receiving unit)



buoy housing

## Highlights

- ✓ Portable VHF position transmitter
- ✓ Rechargeable Lithium-Ionen
- ✓ Battery lifespan: minimum 120 h with default transmission interval setting
- ✓ Transmission range of approx. 10 NM (depending on the height of the receiving antenna)
- ✓ Made in Germany

## Additional equipment as option:

- ✓ Charging station
- ✓ Programming station (Other charging stations or programming stations can not be used!)
- ✓ Portable easyPOS'N'HOOK INFO BOX with a customized receiver and a terminal device
- ✓ Customized receiver to connect it to customary display devices
- ✓ PC software for data display
- ✓ Rigid special plastic mounting socket

## Technical Data

- ✓ Transmission power:  $\geq 2$  W (usually for objects)
- ✓ Specifiable frequency range from 155.5 MHz to 162.25 MHz, 25 kHz channel spacing (Please ask your local authority for costumized frequencies.)
- ✓ Operating temperature range:  $-20$  °C to  $+55$  °C
- ✓ Storage temperature range:  $-30$  °C to  $+60$  °C
- ✓ Dimensions (L x W x H): 130 x 70 x 30 mm
- ✓ Weight: 250 g
- ✓ Part #A210



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