



Follow our daily news feed at [www.digitalyacht.net](http://www.digitalyacht.net)

# NEW AIT3000

## AIT3000 Nucleus Class B AIS Transponder

Our latest AIS transponder with built in ZeroLoss VHF-AIS antenna splitter and wireless server for tablet, iPad and iPhone integration.

**More inside** ▶



# DIGITAL UPDATE SEPTEMBER 2014

### In this issue

New! AIT3000 Nucleus Class B AIS Transponder

Digital Yacht show new OEM products at IBEX

New rep for NE America

Digital Yacht at NMEA Convention – Great dealer offers and new products too



## AIT3000 NUCLEUS

The AIT3000 integrates a Class B AIS transponder with a ZeroLoss VHF-AIS splitter and full featured interface capability including NMEA, NMEA2000, USB and wireless making it easy and fast to install as well as offering maximum connectivity.

Class B AIS transponders have made a remarkable impact on small craft navigation but many potential users or installers are put off by the requirement for yet another VHF antenna. The AIT3000 "Nucleus" Class B transponder changes this.

It incorporates not only a full function Class B AIS transponder but also an antenna splitter allowing the main VHF antenna on the boat to be shared with the AIS and VHF. It's also been designed with the latest interfacing capability including NMEA 0183, NMEA 2000, USB and a WiFi server to integrate with tablets and iPads – hence the name Nucleus as it becomes the hub for on board navigation. NMEA data from other on board systems can also be multiplexed by the Nucleus and combined on the WiFi link. Nucleus brings a new level of connectivity and integration.

Digital Yacht has iAIS and NavLink apps for iOS and AISView for Android.

## SPECIFICATIONS

- Combination Class B AIS transponder with patented ZeroLoss VHF-AIS antenna splitter
- Full connectivity via
  - NMEA0183 Dual In/Out Interfaces
  - Built in multiplexer for instrument data
  - NMEA 2000 output
  - USB (PC and MAC)
  - Inbuilt WiFi server for tablets & smartphones
- Remote silence switch capability
- Ultra tough, waterproof and compact construction
- FM antenna output

- Supplied with GPS antenna
- Supported range of apps for iOS, Android, PC & MAC

## AIS – THE NUMBER ONE STEP CHANGE IN NAVIGATION

AIS is the biggest step change in navigation since GPS was implemented. All vessels over 300GRT are mandated to carry a Class A AIS. Wake up your plotter today with Digital Yacht AIS.

### Quicker, faster and a better install

With no VHF antenna to fit and patented ZeroLoss technology, you'll get the best performance and the fastest plus easiest install.

### The ultimate performance

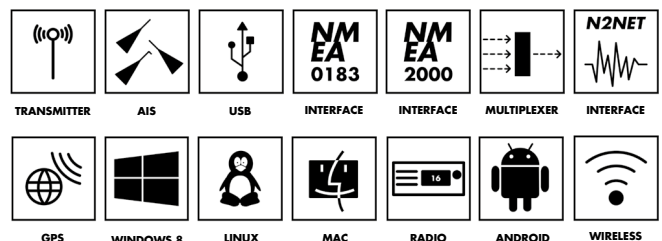
Digital Yacht are a pioneer in AIS with award winning technology and a team of experts. ZeroLoss antenna sharing brings another new dimension.

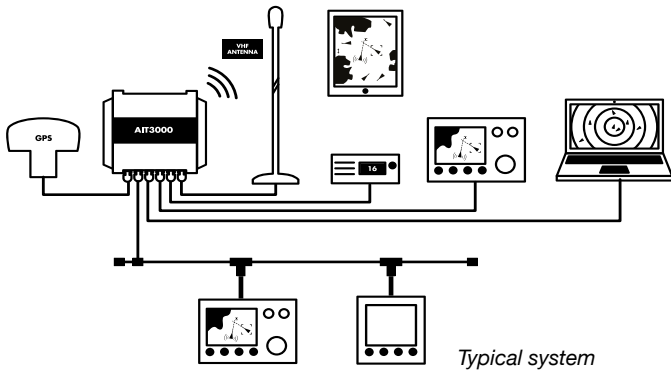
### The biggest and best in connectivity

NMEA 0183, NMEA 2000, USB and WiFi enables connectivity everywhere plus apps for iOS, Android, PC & MAC.

### One stop supported solution

Compatible with every leading chart plotter plus the biggest range of applications across all platforms to maximise the AIS experience and support.





The AIT3000 offers multiple interfaces allowing connectivity with any AIS ready plotter. Choose from NMEA0183, NMEA2000 and USB (for PC and MAC). There's also a built in WiFi server to send data over a WiFi link to iPads, iPhones or tablets and a host of supported apps and navigation programs.

Data from the boat's NMEA system such as wind, speed and depth information can also be multiplexed by the AIT3000 and combined on the WiFi connection so mobile devices can take advantage of this. Take a look too at our impressive new charting and navigation app for iOS called NavLink – available on the app store now

## DIGITAL YACHT AT IBEX BOOTH 340

Digital Yacht will display an exciting range of products for OEM Boat Builders at the IBEX show in Tampa, starting September 30th. Wireless connectivity remains at the heart of the Digital Yacht product line with systems to enable iPad and tablet navigation as well as providing hi power WiFi internet access.

New products showing for the first time include AquaWear - our latest generation of NMEA to wireless server allowing modern consumer phones and tablets to integrate with boat navigation systems. The AquaWear server enables wearable navigation for boaters who can choose from a variety of 3rd party waterproof cases and covers for their device and literally wear the product on their wrist - linked wirelessly to their boat's systems. Digital Yacht have a variety of apps available for iOS and Android platforms and the open source nature of the AquaWear OS makes it compatible with many 3rd party apps too. AquaWear devices use an industry standard NMEA 0183 or NMEA 2000 interface to integrate with typical navigation systems from Garmin, Raymarine, Navico etc allowing real time data including AIS, GPS and instrument information to be streamed and utilised by apps.

Also showing for the first time in the US will be the new AIT3000 Nucleus Class B AIS transponder.



## CHRIS HARLEY TO RETIRE

Chris Harley, our rep for NE America will be retiring on September 30th. Chris has worked with us for the last two years and has done a great job show-casing Digital Yacht products in the NE. On a personal note, I really enjoyed working with Chris and this year we endured snow and storms and – 10 degree conditions touring around Rhode Island in March. Chris was always diplomatic and helpful in improving my US driving skills too! commented Nick Heyes. We all wish him the very best for a long, happy and healthy retirement. Taking over will be Don DeMoss who can be reached on 281-734-7488.





# KEEP UP TO DATE WITH THE LATEST DEVELOPMENTS

Here's a selection of news from our daily blog.

## European Space Agency and the International Space Station have AIS on board

Since 2010, the International Space Station has been equipped with a space-based AIS System receiver that allows it to track ships at sea from space. Since then, the system aboard the ISS has been receiving as many as 400,000 ship's position reports from more than 22,000 different ships every day.



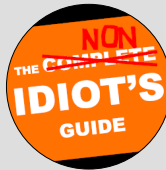
## Great Deals at the Southampton Boatshow From Digital Yacht

Digital Yacht will be exhibiting with UK Distributor CA Clase on stand G147 (Ocean Hall) at this year's Southampton Boatshow which starts on 12th September.



## The Non-Idiot's Guide to AIS

We had an enquiry today from a US Dealer about why some chart plotters do not display all of the 26 different AIS Messages that are transmitted by Ships, AtoNs, AIS MOB systems and other AIS equipment.



## WL60 the Ideal Wi-Fi Solution for Narrow Boats

Our WL60 has always been a popular long range Wi-Fi adaptor for Yachts, but now it is also finding its way on to Inland Waterways and particularly on narrow boats, where having an external Wi-Fi antenna outside of the steel "Faraday cage" hull significantly increases the Wi-Fi range of your PC or Mac.



## AIT3000 Nucleus AIS Transponder transponder debuts at Southampton Boatshow

Class B AIS transponders have made a remarkable impact on small craft navigation but many potential users or installers are put off by the requirement for yet another VHF antenna.



## SIGN UP FOR OUR NEWS FEED

[www.digitalyacht.net](http://www.digitalyacht.net)

## DIGITAL YACHT AT NMEA CONVENTION 8-12 OCTOBER

The NMEA International Marine Electronics Conference & Expo is the largest event in North America for our industry. This year it will be bigger and better than ever, with an extensive offering of technical and manufacturer seminars, product introductions, networking, and much, much more. It will be held October 8 -11, at the Sanibel Harbour Marriott Resort in Fort Myers, Florida. Digital Yacht will be exhibiting and will present new products for 2015. In addition, there will be show only additional discounts and offers.

NMEA training is also available at a 50% discount and includes the Basic Marine Electronics Installer course, the Advanced Marine Electronics Installer course, and the NMEA 2000 Networking course.

New products, technology, discounted training, demo boats, networking, and the best opportunity of the year for face-to-face meetings between manufacturers and dealers. Don't miss the 2014 NMEA conference and expo! We are looking forward to seeing you!

## AQUAMEDIA – SNEAK PEEK!

Coming soon from Digital Yacht – AquaMedia is an on-board media server designed to bring the latest in entertainment technology to your boat. Playback music, video, pictures or internet TV and integrate with your audio and TV systems. With a stunning, easy to use interface and blisteringly fast processor, AquaMedia brings you the best and latest in media entertainment afloat.

Step on board and plug in your USB drive including audio, video and photo media for on board playback. AquaMedia will quickly index the drive and logically arrange the media through its custom Razor operating system. AquaMedia also supports audio playback via AirPlay on iOS devices like iPhones and iPads. Connect AquaMedia via HDMI to your choice of TV or display and via an AUX connection to the boat's audio system

Connect to the internet for web and internet TV functionality via built in wifi or through the WL510 high power wifi solution from Digital Yacht.



AquaMedia – coming soon!

UK  
Tel: 01179 554 474  
[www.digitalyacht.co.uk](http://www.digitalyacht.co.uk)

US  
Tel: 978 277 1234  
[www.digitalyachtamerica.com](http://www.digitalyachtamerica.com)

Designed and manufactured in

