

Weather and Navigational  
Maritime Safety Information  
for the serious sailor

## NAV6 Series V3 NAVTEX Systems

Based on the same proven technology as our award winning NAVTEX receivers, the new NAV6 Series V3 NAVTEX systems have a new receiver design that now includes a barometric pressure sensor and micro USB port.

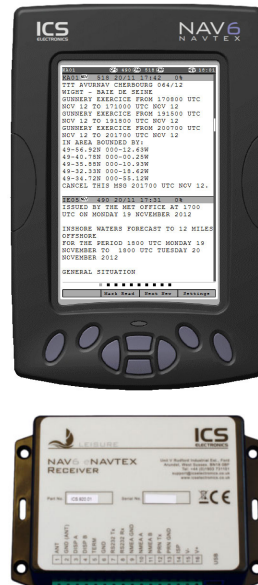
Simultaneous dual frequency NAVTEX reception on 490kHz and 518kHz.

Automatic station selection based on current location and comprehensive instrument repeater displays when connected to NMEA data.

The ability to predict the weather is essential when at sea. The rate of change of barometric pressure and wind speed data can be invaluable in predicting imminent weather conditions.

Unlike analogue barometers, the ICS barometric display provides a high resolution digital barograph that can scaled and scrolled over the previous seven days. It provides reliable, clear information that is easily operated from the NAV6 display or eNAVTEX App on a PC.

The multi-function capabilities of the NAV6plus with the new integrated barometric displays are perfect for reducing the number of instruments required onboard.



## NAV6plus System V3

- High quality NAVTEX receiver
- Simultaneous 518 and 490kHz reception
- Automatic station selection
- Large clear 480 x 320 LCD Display
- Up to 8 NMEA instrument repeater views, 4 customisable
- NMEA Data Logger
- Barometric pressure displays with plotted history and Beaufort forecast.
- Bad weather warning alarm
- May be externally mounted
- Upgradeable

# Specification

<b>Display Unit</b>	Voltage Range Consumption (Typical) Backlight full Backlight off Sleep Mode Operating Temperature Range Storage Temperature Range Humidity Mounting Weight (without cable) Splash Proof	10.8V to 15.6V  310mA (3.8W at 12V) 165mA (2.0W at 12V) 115mA (1.4W at 12V) 0 to +50degC -20 to +55degC 0 to 95% Above and below decks 445g (approx.) Yes
<b>Display Unit Features</b>	Auto-Station Selection NMEA Repeater Views NMEA Repeater functions  Barometer Resolution Barometer Accuracy Barometer Y-Axis Barometer X-Axis Display Resolution Display/Keyboard Backlight Connectivity Sound Sensors Memory Message Storage	YES Combined, Position, Waypoint, Conning and 4 Custom Date/Time, Position, Heading, Water Speed, Ground Speed, Course, Wind Speed/ Direction, Distance Trip/Total, Depth, Rate of Turn, and Waypoint Name/Position/ Range/Closing Speed/Bearing/Cross Track error 0.1hPa ±0.1hPa Auto 12 hours to 7 days 1/2 VGA (480x320 pixels) monochrome CCFL/LED RS485 Serial receiver and NMEA Peizo buzzer for audible alerts Internal temperature sensor Non-volatile flash memory. Greater than 3 days of NAVTEX under normal conditions
<b>Receiver Module</b>	Consumption (Typical) Connectivity Mounting  Weight Dimensions Splash proof Environmental Receive Frequency Antenna Input Sensors	90mA (1w at 12V) Screw terminal and micro USB Bulkhead mounting by four self-tapping screws (supplied)  200g Height: 146mm, Width: 96mm, Depth: 35mm No Not for outside use, unit must be mounted below decks in a suitable dry location Simultaneous 490kHz and 518kHz 50ohms Air pressure



**NMEA repeater and data logger views**

[www.icselectronics.co.uk](http://www.icselectronics.co.uk)

ICS Electronics Limited  
 Unit V Rudford Industrial Estate  
 Ford  
 Arundel  
 West Sussex  
 BN18 0BF  
 United Kingdom

Telephone: +44 (0)1903 731101  
 Facsimile: +44 (0)1903 731105  
 Email: [sales@icselectronics.co.uk](mailto:sales@icselectronics.co.uk)

## Options

ICS.916.05-3	<b>NAV6plus System V3</b>
ICS.916.07-3	<b>NAV6plus System V3 without Antenna</b>
ICS.6020.09	<b>NAV6 'U' Mounting Bracket</b>
ICS.6020.27	<b>Antenna Extension Cable 10m</b>
ICS.6020.28	<b>Antenna Extension Cable 30m</b>
ICS.903.03	<b>Antenna Mount Nylon Pushpit Rail</b>
ICS.6050.00	<b>eNAVTEX PC App</b>

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