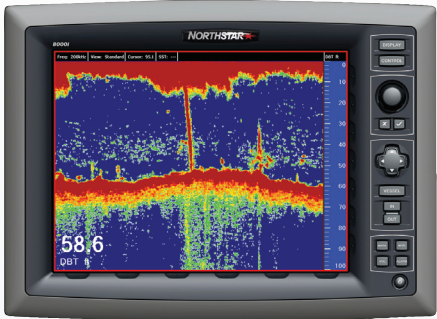
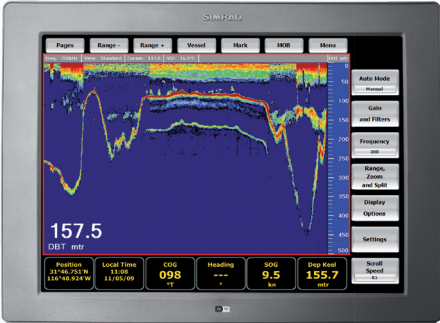


NEW

Introducing Navico Broadband Sounder

The Latest Broadband Addition For Northstar and Simrad

- Penetrate deep waters
- Clearly define underwater structure
- 'Whisper' into the water to find more fish
- Tri-frequency capability for optimal water column performance



NORTHSTAR 

SIMRAD

Navico Broadband Sounder extends Simrad and Northstar range

Raising the bar in fish-finding technology, the BSM-1 high-speed Ethernet-based system delivers peerless echo clarity and the highest underwater definition ever achieved. The BSM-1 Broadband Sounder Module is plug-and-play compatible with the award winning Northstar 8000i, and the Simrad GB40 navigation systems.

Once again from Navico – A truly different technology

First generation digital echosounders follow traditional methods of dumping excessive power into existing circuitry. If the original signal is not the highest quality, then the effect is the same as amplifying a poor quality audio system and even the best Digital Processing can't clean up the noisy mess.

The Navico Broadband Sounder technology is a truly different approach. The BSM-1 brings together a very clean, low power signal, an adaptable long pulse and an extremely sensitive linear receiver. The resulting high quality signal and the best digital signal processing allow the BSM-1 to provide superior clarity and fantastic echosounder images. In addition, the long pulse widths and clean, efficient signal provide an exponential difference in the ability to "Go Deep". No longer is power the measure of echosounder performance. Side by side comparisons with existing technology prove that a "whisper" is better. The Navico BSM-1 is the perfect echosounder in waters from 10' to over 3,000 feet.

Navico Broadband Sounder – Your Easiest Choice

- **Penetrate deep waters**
Navico Broadband Sounders provide outstanding capability to track bottom and see structure in deep offshore terrain and canyons over 3,000 feet
- **Clearly define underwater structure**
High-resolution linear receiver provides superior clarity in shallow and mid water
- **'Whisper' into the water to find more fish**
Navico Broadband Sounder technology matches exceptionally low power with efficient long pulses to make the perfect 'low-noise' Sonar.
- **Tri-frequency capability for optimal water column performance**
Better match the frequency with your fishing location: 200kHz for shallow inshore, 50kHz for deep offshore and 83 kHz for a desirable blend of both.

Penetrate Deep Water

BSM-1 is designed to go deep. Traditionally, high power systems coupled with expensive transducers was the only way to guarantee solid bottom returns and useful definition in depths over 3,000 feet. Navico broadband technology has changed this paradigm. By matching very efficient long pulses with a highly sensitive, linear receiver, the BSM-1 can better track bottom in deep waters over 3,000 feet, even at cruising speeds.



The Perfect Picture

It's noisy offshore. Sportfishing boats can generate significant engine and electrical interference, offshore waters often have turbulence and turbidity, and other anglers are often dumping sonar into nearby waters. Separating noise from fish, structure and bottom is the primary purpose of an echosounder. When it comes to interpreting and eliminating noise, the Navico BSM-1 is the best in class and proven to outperform first generation "digital" fishfinders. With less noise to worry about, the processor in the BSM-1 spends more time and energy interpreting fish, structure and bottom for distinctly better resolution and returns.

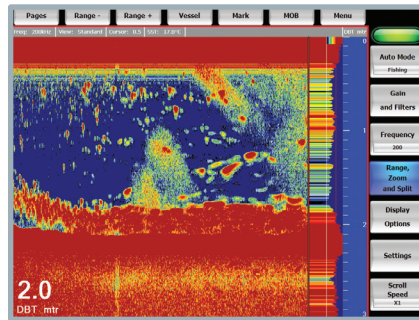
Robust new addition for GB40 & 8000i systems

Easy-to-install anywhere, the BSM-1 is an Ethernet-based module and waterproof to the IPx7 standard. Designed for offshore boats, the new BSM-1 operates with 12 and 24-volt systems and has easy to read LED status indicators. Compatibility with existing Northstar 8000i and Simrad GB40 installations is easy with available transducer and network adapter cables.

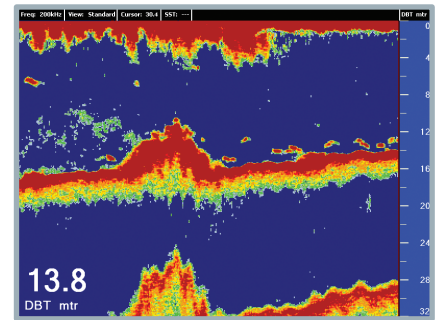


See For Yourself — The Clear Advantages of Navico Broadband Sounder Module BSM-1.

Inshore

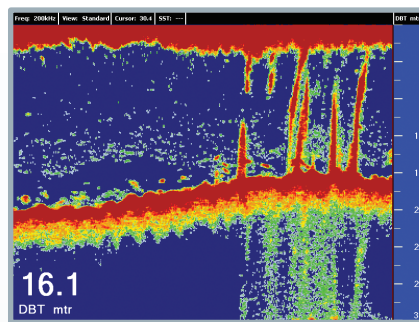


- Superior separation of bait and targets in shallow inshore waters.

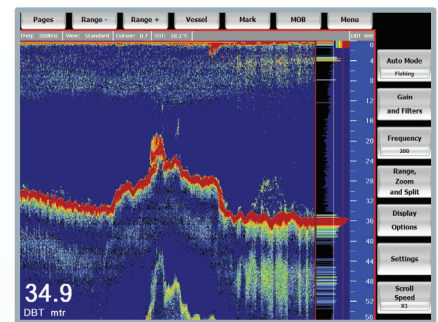


- Clean, clear picture targeting fish lurking along the bottom.

Structure

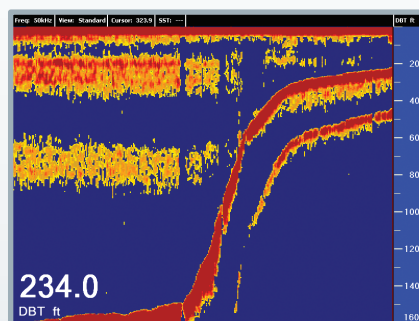


- BSM-1 makes it easy to fish hiding in weed and kelp beds.

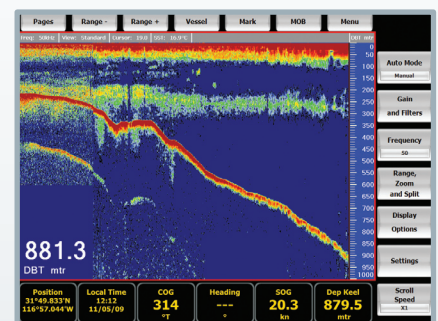


- Superbly identify structure and nearby bait and fish.

Offshore



- Penetrate deep water and steep offshore canyons.



- Maintain bottom lock, at speed.

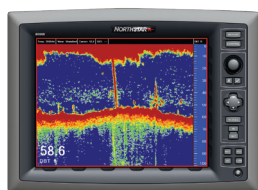
Broadband Sounder Module for a Broad Range of Navigation Systems

Advanced broadband sonar technology is available for a range of popular navigation systems, integrating superior echosounder performance with state-of-the-art charting, radar and entertainment displays. Navico compatible systems are available with a range of display sizes, from 10 inch to 19 inch. See below for compatible systems:

Compatible Products:

NORTHSTAR

Northstar 8000i (12,15)



NS004700 8000i 12" Touchscreen System
NS004730 8000i BBPC (use with 8000i 15" or 3rd party display)

SIMRAD

Simrad GB40



GB40-10 GB40 Glass Bridge 10" system
GB40-15 GB40 Glass Bridge 15" system
GB40-19 GB40 Glass Bridge 19" system
AA01010 GB40 Navcomputer

Notes: BSM-1 includes an Ethernet adapter cable (Navico Yellow to RJ45) to integrate with GB40, 8000i or the Network Linker.
A transducer adapter cable is available for using existing LTW 6 pin transducers with new 7pin Blue connector.

BSM-1 Specification and Transducer Options (BSM-1 P/N 000-0132-05)

Electrical	
Voltage input	12 or 24 V DC (max range 9 V to 32 V DC)
Output power	250 Watts RMS; 2,000 Watts (peak-to-peak)
Frequencies	50 kHz, 83, 200 kHz
Communication	Ethernet 10/100
Module Dimensions	
Size:	(HWD) 57 x 180 x 203.75 mm (2.24 x 7.09 x 8.02 in.)
Weight:	0.9 kg (2 lbs)
Environmental	
Waterproof	1PX-7
Temperature	-28° to 75° C (-20° to 167° F)

Transducer Options	
000-0136-02	Airmar P319 Low profile th depth/temp
000-0136-03	Airmar P79 In-hull depth only
000-0136-04	Airmar B60 LP-BTH Depth/Temp w/12 degree tilt
000-0136-05	Airmar B744V Thru hull DST w/high fairing blk
000-0136-06	Airmar B164 1kW D/T w/12 degree tilt
000-0136-00	Airmar B258 BTH D/T w/High speed fairing kit
000-0106-82	Airmar B260 BTH w/ High speed fairing kit
000-0106-91	Airmar M260 depth only w/In hull tank kit
000-00021-001	Airmar B60 LP-BTH Depth/Temp 50/200 kHz w/20 degree tilt
000-00022-001	Transducer Adapter Cable (LTW 6 pin to 7 pin Blue)

Product specifications are subject to change without notice. No liability can be accepted for errors or omissions in this document