

2006
RELEASE



Northstar 8000i

8000i at a glance

- ▲ **Ultimate Integration** The most flexible, highly integrated networked system available
- ▲ **Touch Screen** This bold and revolutionary feature provides unparalleled ease of use
- ▲ **Chart** C-Map's amazing new MAX PRO™ cartography, with blindingly fast redraw time and 3D bathymetric presentation
- ▲ **Radar** High Performance Networked Radar with brand new digital radar processing technology
- ▲ **Sounder** 1kW Networked, Digital Sounder
- ▲ **Full Entertainment** DVD, video, CD and Digital Music player, on any size screen you want
- ▲ **Instrumentation** Display customizable instrument panels with data from GPS, Northstar Instruments, NMEA or SmartCraft
- ▲ **Styling** Slim flush mounted displays look fantastic



WE'VE COME A LONG WAY TO BRING YOU THE NORTHSTAR 8000i:

But what is 8000i, and why will it change the way you view marine electronics?

Since 1970, Northstar has been renowned for offering the very best in navigation electronics. Our innovative product line now covers chartplotters, fishfinders, radar, instruments, VHF and autopilots. All built to the same high standards, and all with the same goal, to improve the enjoyment and safety of your boating experience.

NOW WE INVITE YOU TO STEP UP WITH US TO A NEW LEVEL OF ELECTRONIC SOPHISTICATION:

The Northstar 8000i is the ultimate integrated marine electronics system. It encompasses navigation, multimedia entertainment and instrumentation. It has a touch screen display for ease of use. It delivers awesome performance.

Northstar 8000i is modular, expandable and flexible. Whatever type of boat you have, and however you use it, 8000i is customizable to your needs.

Whether you want to plot your course, track a target on the radar, watch a movie, or listen to your favorite music, 8000i is there for you.

NORTHSTAR 8000i: WHATEVER YOU WANT IT TO BE:

IT'S A NAVIGATION SYSTEM

Chartplotter, Radar or Fishfinder. Or all of them.

IT'S AN ENTERTAINMENT CENTER

DVD player, CD Player and Digital Music Jukebox

IT'S AN INFORMATION SYSTEM

Cameras, Instrumentation, Fuel Management and SmartCraft Engine Monitoring.

Display and control what you want. Where you want it.

Watch a DVD on the flybridge.

Keep an eye on the radar from your cabin.

Plan your next passage on a 42-inch plasma screen in your salon.

You choose - it's your boat.

IF YOU LIVE TO FISH...

Your boat is a fishing machine. You want the basics, but you want them done properly. A chartplotter to get you to where the fish should be, and a fishfinder to make sure they're still there. Northstar 8000i is there for you.



THE NORTHSTAR 8000i IS DESIGNED TO BE FLEXIBLE. FROM A SINGLE DISPLAY INSTALLATION TO A MULTI-DISPLAY SUPER YACHT SYSTEM, THE 8000i'S SYSTEM CATER FOR ALL YOUR NAVIGATION AND ENTERTAINMENT NEEDS.

IF YOU TAKE YOUR CRUISING SERIOUSLY...

Don't make do with a navigation system that is second best, and don't leave the comforts of home behind.

Big screen chartplotter and radar. DVD for you and your guests and music anywhere you want it. Raise your expectations of what marine electronics can do for you. Northstar 8000i is there for you.

WHATEVER YOUR BOAT, WHATEVER YOU DO WITH IT - NORTHSTAR 8000i IS THERE FOR YOU.

Big system or single display. Navigation, entertainment or both.

Northstar will revolutionize the way you use your on-board electronics. Whether underway or alongside. Whether fishing, cruising or relaxing with friends.





Northstar 8000i Integrated System



8000i 12" DISPLAY

INTEGRATED, NETWORKED AND MULTI-TALENTED.

Now, at last you have the opportunity to bring navigation, entertainment and information together on one, networked, expandable, modular system.

As a navigation system the 8000i is everything you would expect from Northstar, the company with the reputation for making the world's best chartplotters. Radar, chartplotter and fishfinder are all integrated and all work together in harmony.

Any 8000i display will function as an entertainment console when connected to a suitable sound system. You can play DVDs and CDs. You can store video files or hundreds of tracks of digital music and play them from any display.

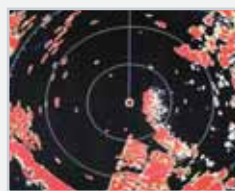
Our network camera facility allows up to 10 cameras. What's more, you can view any camera on any display. Engine room, security, docking and more – see it all, everywhere.

The instrumentation system collects data from Northstar instruments, NMEA or Mercury SmartCraft** and lets you show it in customizable instrument panels.



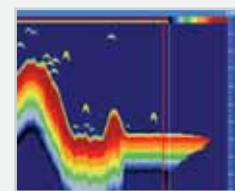
CHARTPLOTTER

The 8000i chartplotter is lightning fast, and includes 3D charting and satellite photo overlay. With the latest MAX-PRO charts from C-Map, vector cartography has never looked so good.



RADAR

The high performance digital radar system offers MARPA as well as radar/chart overlay*. Networked radar means that any display can access the radar.



FISHFINDER

Northstar's latest 1kW digital, networked sounder technology delivers the performance and features you expect from Northstar.



8000i 15" DISPLAY AND KEYPAD



TOUCH SCREEN WITH A DIFFERENCE.

8000i's superior infra-red Touch Screen technology delivers all the benefits of touch navigation with breakthrough sunlight performance. The graphically rich, touch driven user interface is designed to be used at sea. The 8000i reinforces our commitment to build innovative products with genuine ease of use.

8000i IS NOT JUST A PLOTTER, A RADAR OR A DVD PLAYER – IT'S A SYSTEM.

The promise of true integration has to be backed up by a system that connects together and works. The 8000i network delivers. No complicated set up. Plug it in and switch it on. This network philosophy reduces cabling, eases installation and maximizes flexibility and performance.

It's uncomplicated – you choose the displays that suit you and your boat, decide what functionality you need and build the system around those choices.

8000i offers a variety of display options. You can mix and match 12 or 15 inch waterproof Touch Screen displays, or connect our black box processor to your own VGA compatible display of any size or technology.

The whole system is designed from the bottom up as a marine system. No ventilated cases to let water in, no office style network connectors to corrode and shake loose. It's waterproof, rugged and built to survive the vibration, moisture and electrical noise often associated with the marine environment.

We confidently offer a two year warranty with all 8000i components, backed by our global support network.

*OPTIONAL HEADING SENSOR REQUIRED FOR SOME RADAR FUNCTIONS / (**ON COMPATIBLE MERCURY ENGINES) / SEE PAGES 10-11 FOR DETAILS ON NORTHSTAR'S NEW RADAR SYSTEMS



RADAR / CHART OVERLAY



3D BATHYMETRIC PRESENTATION



INSTRUMENTATION

Display customizable instrument panels using data from any of the 8000i inputs: Northstar instruments, NMEA and SmartCraft™ or the Northstar Fuel transducer. REFER TO PAGE 28 FOR MORE INFO



VIDEO

Play a DVD, view one of the networked cameras, or use the optional video module to display any standard video source.




SMARTCRAFT™


Northstar and Mercury have combined forces to give the boater complete integration with their engines**. REFER TO PAGE 28 FOR MORE INFO

Building Your Northstar 8000i System

Putting together a Northstar 8000i system is simply a matter of deciding what you want to see, and where.

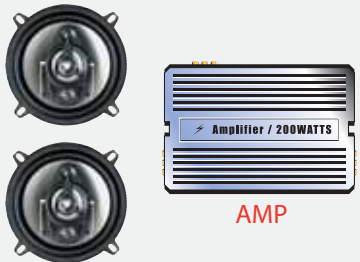
12"
8000i





GPS

A basic Chartplotting system starts with no more than a 12" display and a GPS antenna.



Connect up to your audio system and you have created a digital music jukebox. (All displays have standard stereo line out.)

AMP

Add the 1kW Network Sounder Module and you have high performance fishfinding to all displays in your network. For transducer options, see your authorized dealer or the Northstar website.



TRANSDUCER

SOUNDER



You want Radar? Just choose from one of our five latest technology radar options, and you have networked radar to all displays. See Page 10 for details on Northstar's new radar.

RADAR

How many displays do you want? You can add up to 20. And there is a range of waterproof cables to ensure that your installation is easy, robust and genuinely 'Plug and Play'

If your system includes more than two network components, then you need a Network Linker.



LINKER



Any system with two or more displays needs a Network Interface Bridge (NIB). This functions as a 'Data Concentrator' and avoids the need to run separate data cables to the displays. Three NMEA ports, GPS, Mercury SmartCraft and Northstar's instruments all connect right into the NIB.



NETWORK INTERFACE BRIDGE



The 8000i 12" and 15" displays are fully waterproof, sunlight viewable, and have Northstar's new Touch Screen technology.

The 12" is an all in one unit, whereas the 15" option separates the processor, screen and keyboard into separate components. This allows you to mount the keyboard where you can reach it.

It also allows flexibility in terms of screen choice – if our 15" screen is not big enough, then connect the processor to any suitable screen – How about a 42" LCD in the salon?

12" all in one, or Black Box Processor connected to any screen – the functionality is identical across all displays.



You can turn any display into a CD/DVD system simply by connecting our DVD player. Hook up your audio system and 8000i becomes your entertainment center.



8000i's Network Camera facility allows you to connect up to 10 network cameras. Camera data is available to all displays in the network.

NETWORK CAMERA



BLACK BOX



VIDEO IN

Add the video input module to any display and that display can then monitor any standard composite video and stereo audio source.

NOTE – THIS DIAGRAM IS INTENDED TO SHOW HOW THE VARIOUS 8000I COMPONENTS ADD FUNCTIONALITY TO THE SYSTEM – IT IS NOT A WIRING DIAGRAM.