RITCHIE® NAVIGATION

PRODUCT CATALOG '09



NAVIGATION BEGINS WITH THE RIGHT COMPASS.

Since 1861, Ritchie has been making only one thing – compasses. Which means every ounce of our time and energy goes into precision-crafting the highest quality product available. When you've invested so much in your boat, that kind of commitment makes all the difference.



WITHOUT A COMPASS, WHERE ARE YOU?

Lost. Because only a compass can give you true real-time heading. There's no lag-time when you turn. No loss of accuracy as you slow down. And your heading is never off by several degrees. Which means you won't have to overcompensate, zigging and zagging, wasting time and gas when you could have just gone straight.

GPS AND RITCHIE - WORKING TOGETHER.

One way to achieve optimal performance and safety with your Ritchie compass is by using your electronic and magnetic navigation data together. By doing this, you get the best of both worlds. Your GPS informs you of your boat's position and calculates the speed and direction in which your boat has been traveling, while your compass tells you your real-time heading. Wind, current and boat speed can all create a discrepancy between what your GPS says and what's really happening. And that's where a Ritchie compass comes in.

When it comes down to it, Ritchie's commitment to innovation, quality and reliability are unparalleled in the industry. So when you buy a Ritchie compass, you can be confident that your boat is getting the performance and safety it deserves.



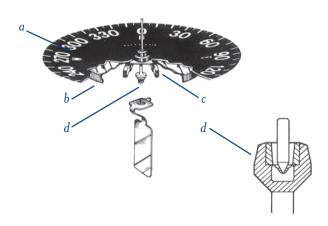
NAVIGATION BEGINS WITH THE RIGHT COMPASS.

When properly sized, installed and compensated a marine compass is the most important instrument on any boat. It will provide accurate, trouble-free heading references under the most adverse conditions without relying on electricity, radio signals or satellite communications. The most important criteria when selecting a compass are dial size and mounting style. Quality components aid accuracy, smooth response, stability and trouble-free operation. Although the size and shape of Ritchie Compass models may vary, this cutaway engineering illustration is representative of the modern technology that makes Ritchie Compasses the World's Best Marine Compasses.



REPAIRABILITY & WARRANTY

All Ritchie compasses are 100% repairable and are backed by Ritchie's exclusive 5-year Warranty. See the "warranty" section on the back cover for complete details.





This wheelmark symbol denotes conformance with standards ISO 10316(E) and ISO 613:2000(E)

1 COMPASS DOME

The dome provides clear and accurate magnification of the dial. Our domes are made exclusively for Ritchie using a heavy-duty, optically clear polymer.

2 COMPASS BOWLS & HOUSINGS

Bowls and housings are made from brass, or high-strength glass reinforced polymers.

3 GIMBAL SYSTEMS

All Ritchie Compasses are engineered to operate normally within their environment without bottoming out due to the pitch and roll or heel of the boat. An internal gimbaling system is most often applied to provide this important function. This illustration shows the bi-axis gimbal system used in many Ritchie models. This dial assembly is suspended by Gimbal Rings and Pans formed from ultra lightweight aluminum and held in place with spring loaded brass pins. A Brass Counter Balance keeps the entire system level.

4 FLUID BAFFLE & ROLLER DIAPHRAGM

Baffles reduce turbulence in the dampening fluid. Diaphragms allow the fluid to expand or contract with changes in temperature or pressure without forming bubbles.

5 CORRECTOR MAGNETS

Deviation occurs when something on board your boat draws the compass magnets away from their attraction to the earth's magnetic field; i.e. masses of iron, engines, electric motors, electronics with speaker magnets, batteries, electronic instruments, tachometers with magnets, engine controls, steering wheels and electric appliances.

All Ritchie compasses that are intended for use on boats that could have deviation problems, have built-in compensators. These compensators are non-interactive magnets that are balanced and optimally spaced for accurate correction. Compensation instructions are included.

a RITCHIE DIALS

Dial measurements are given in the apparent visual size. Models are available in sizes from 2" (5.08cm) to 6" (15.24cm) in diameter. In many models you can select either a Traditional Flat Card or Direct Reading Dial. The CombiDial", which is both a flat card and direct reading dial in one, is also available in several Voyager, Helmsman and Navigator models.

b POWERDAMP PERFORMANCE

Each dial is engineered to provide the ultimate in steady, smooth performance and easy readability. Traditional Flat Dials are equipped with Ritchie's race proven PowerDamp system, a lightweight baffle that eliminates spinning and dial jumping at high speeds and in rough conditions. Direct Reading and CombiDial dials are formed so that their shape also provides PowerDamp performance.

C DIRECTIVEFORCE TM MAGNETS

Ritchie uses special High Gauss Magnets that are field balanced and matched to each compass model, dial style and size. They are attached to the underside of the dial in pairs matched to seek and lock on to magnetic north. This provides superior accuracy and smooth, rapid response.

d PIVOT AND JEWEL MOVEMENT

All Ritchie Compasses use a Hardened Steel Pivot and Triple Cup Sapphire Jewel Movement. They are microscopically matched to provide smooth dial operation and fast lock-on, under the most severe conditions. There are no plastic pivots or jewels in Ritchie Compasses.

SELECTING AND INSTALLING YOUR COMPASS.

When you choose your compass, you should always consider four things: mounting style, size, readability of the card and the design of your boat. Our guide below will help you select the Mounting Style and Dial Design that best suit your boat. You'll find more information on positioning, utilizing and optimizing your compass in Ritchie's Complete Guide to Compass Navigation. Download it for free on www.ritchienavigation.com

MOUNTING STYLES



DASH MOUNT

ideal for powerboats with limited dash space



FLUSH / SURFACE MOUNT

ideal for today's compact helm designs



BULKHEAD MOUNT

often used on sailboats to reduce interference with lines and to save space



BINNACLE MOUNT

features an outer case, often with a light-shielding hood



BRACKET MOUNT

can be mounted on the deck or dash; allows compass to remain at proper viewing angle



Ritchie has available special custom fit covers for many models.

Ritchie also provides full ranges of Specialized Compasses for Small Racing Boats (pg 29), Fishing Boats (pg 30), Kayaks (pg 31-32) and Steel & Commercial Boats (pg 33-34).

DIAL DESIGN

Wherever your compass is positioned on your boat, you'll need a dial that provides you with ultimate readability in every condition you encounter.



COMBI-DIAL

a combination of the direct-read and flat-card designs; incorporates dials that can be read from both above and directly in front of the compass and maximizes readability from any angle



DIRECT-READ DIAL

allows you to see the compass heading and lubber line from directly in front; good for when boat design requires your compass to be positioned at eye level



GIMBALED COMPASS

always used on sailboats; can improve readability by allowing free movement of the compass dial in rough conditions or when the boat is heeling

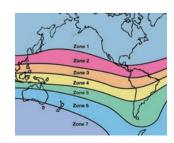


FLAT-CARD DIAL

allows you to look down on the compass to see the course heading

POSITIONING

In an ideal situation, a compass should be mounted directly in front of the helm, as well as directly above the centerline of the hull. If this is not possible, the compass should be mounted parallel to the centerline. And on powerboats with upper steering stations, you should have a compass installed at both locations.



BALANCING COMPASS DIALS

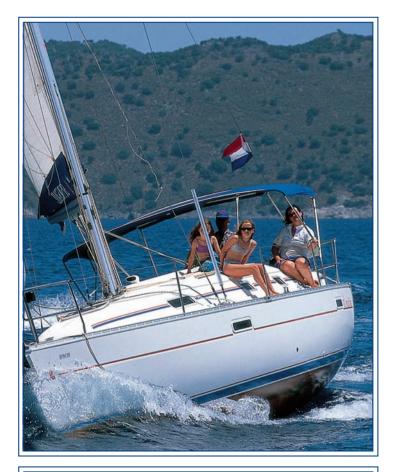
RITCHIE DOES NOT COMPROMISE ON PERFORMANCE.

The dials in magnetic compasses should be balanced to compensate for dip caused by Earth's magnetic field. All Ritchie Compasses come standard for Zone 1 (essentially all of the Northern Hemisphere). When requesting a compass for Zone 2-7, please indicate the zone most central to your boating area. Once balanced for a specific Zone, the compass will maintain accuracy for one Zone north or south.

For additional information please call our service department at (781) 709-3202.

E-mail: service@ritchienavigation.com

VENTURE ® COMPASS bulkhead mount (sailboats only)





- Mount at any angle up to 45 degrees from the bulkhead.
 No mounting block required.
- Full gimbal operation allows 45 degrees of pitch and better visibility in harsh conditions.
- INC-45 Clinometer included for accurate, independent heel reading.
- Weather cover included.
- · Back dress cover included.
- 12-volt night illumination.
- · Fasteners and mounting hardware included.
- · 5-Year Warranty.
- Compensator Module sold separately SR-CM2.



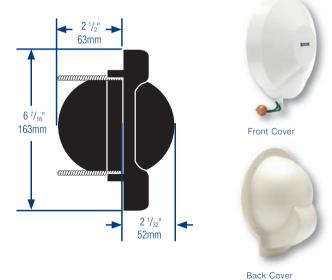
BULKHEAD MOUNT, $3\frac{3}{4}$ " DIAL

for sailboats 16 to 36 feet

RITCHIE VENTURE TM SR-2

 $\begin{array}{ll} \mbox{Boat Style/Size} & \mbox{Sail 16ft (4.88m) to 36ft (10.97m)} \\ \mbox{Dial Size/Design} & \mbox{3 $^3/_4$" (94mm)/CombiDial} \\ \mbox{Compensators} & \mbox{SR-CM2 Sold Separately} \\ \mbox{Mounting Hole} & \mbox{4 $^1/_2$" (113mm)} - 4 \, {^5/_8$" (122mm)} \\ \end{array}$

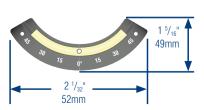
Warranty 5-Year Approx. Shipping Wt. 2 lb. (.91kg) Protective Cover Provided







INC-45 Clinometer





SR-CM2 Compensator

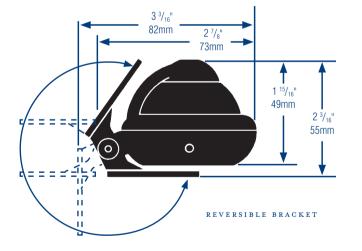
SPORT® COMPASSES bracket mount



X-10-M



X-10B-M X-10W-M X-10-A



REVERSIBLE BRACKET MOUNT

The fully adjustable and reversible Bracket allows a mounting range of over 300° from overhead, through angled and vertical mounts to horizontal surfaces. These mounting position options and your choice of mounting hardware permit mounting on everything from windshield or supporting frame structures, to slanted dashboards and consoles, to almost any flat, angled or vertical surface.

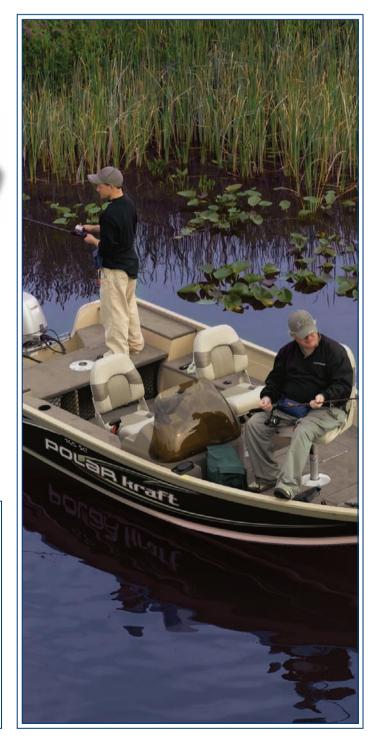
BRACKET MOUNT, 2" DIAL

for powerboats up to 16 feet

RITCHIESPORT® X-10

Boat Style/Size Power up to 16 ft (4.88m)
Dial Size/Design 2" (51mm)/Direct-Read Dial

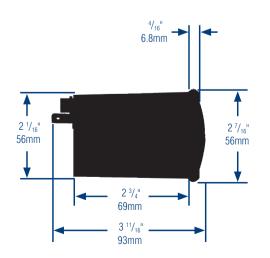
Night Lighting 12V Green
Compensators Built-in
Warranty 5-Year
Approx. Shipping Wt. 5 oz. (142g)



SPORT® COMPASSES dash mount







DASH MOUNT, 2" DIAL

for powerboats up to 16 feet

RITCHIESPORT® X-21

Boat Style/Size Power up to 16ft (4.88m)
Dial Size/Design 2" (51mm)/Direct-Read Dial

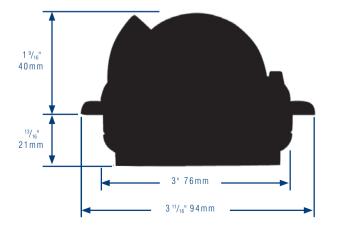
Night Lighting 12V Green Compensators None

Viewing Adjustable to 30° Mounting Hole $2\frac{1}{16}$ " (56mm) Warranty 5-Year Approx. Shipping Wt. 5 oz. (142g)

TREK COMPASSES flush mount







FLUSH MOUNT, $2\frac{1}{4}$ " DIAL

for powerboats up to 20 feet

RITCHIE TREK TR - 35

Boat Style/Size Power up to 20 ft (6.10m)
Dial Size/Design 2 1/4" (57mm)/Direct-Read Dial

Night Lighting 12V Green
Compensators Built-in
Mounting Hole 3" (7.62cm)
Warranty 5-Year
Approx. Shipping Wt. 9 oz. (256g)

TREK TM COMPASSES bracket mount







TR-31

TR-31W

TR-31G





BRACKET MOUNT, $2\frac{1}{4}$ " DIAL for powerboats up to 20 feet

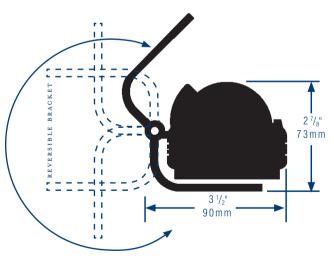
RITCHIE TREK TR - 31

Boat Style/Size Power up to 20 ft (6.10m)
Dial Size/Design 2 1/4" (57mm) / Direct-Read Dial

Night Lighting 12V Green
Compensators Built-in
Warranty 5-Year
Approx. Shipping Wt. 9oz. (256g)

TR-31B TR-31S

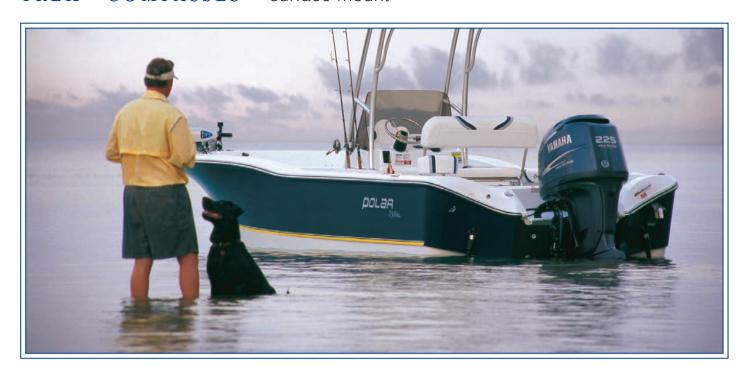




ADJUSTABLE REVERSIBLE BRACKET MOUNT

The fully adjustable and reversible Bracket allows a mounting range of over 300° from overhead, through angled and vertical mounts to horizontal surfaces. These mounting position options and your choice of mounting hardware permit mounting on everything from windshield or supporting frame structures, to slanted dashboards and consoles, to almost any flat, angled or vertical surface.

TREK TM COMPASSES surface mount

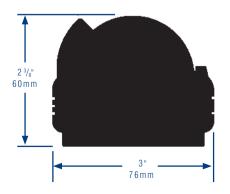








TR-33 TR-33W



SURFACE MOUNT, 2 1/4" DIAL

for powerboats up to 20 feet

RITCHIE TREK TR - 33

Boat Style/Size Power up to 20 ft (6.10m)
Dial Size/Design 2 1/4" (57mm)/Direct-Read Dial

Night Lighting 12V Green
Compensators Built-in
Warranty 5-Year
Approx. Shipping Wt. 9 oz. (256g)

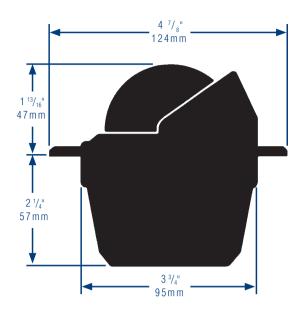
$\texttt{EXPLORER}^{^{\text{TM}}} \ \texttt{COMPASSES}$

flush mount









FLUSH MOUNT, 2 3/4" DIAL

for powerboats up to 24 feet

RITCHIE EXPLORER TM F-50

Boat Style/Size Power up to 24 ft (7.32m) Dial Size/Design 2 3/4" (70mm) / Direct-Read Dial

Night Lighting 12V Green Compensators Built-in Mounting Hole 3 ³/₄" (95mm) Warranty 5-Year Approx. Shipping Wt. 1lb. (454g) Protective Cover Model No. E-50-C





EXPLORERTM COMPASSES

bracket mount

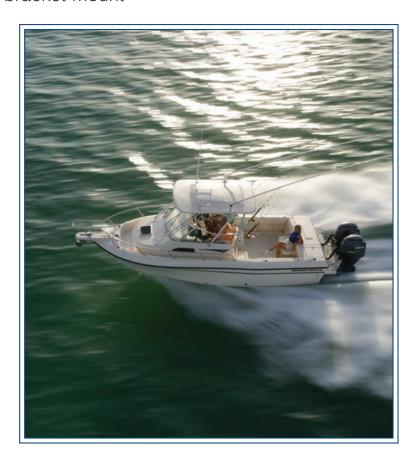


B-51G



B-51W





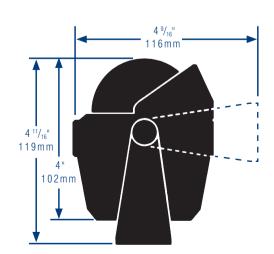
BRACKET MOUNT, 23/4" DIAL

for powerboats up to 24 feet

RITCHIE EXPLORER TM B - 51

 $\begin{array}{ll} \mbox{Boat Style/Size} & \mbox{Power up to 24 ft (7.32m)} \\ \mbox{Dial Size/Design} & 2 \mbox{$^3/_4$" (70mm)/Direct-Read Dial} \end{array}$

Night Lighting 12V Green
Compensators Built-in
Warranty 5-Year
Approx. Shipping Wt. 1 lb. (454g)



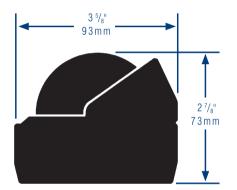
EXPLORER TM COMPASSES surface mount







S-53G S-53W



SURFACE MOUNT, 23/4" DIAL

for powerboats up to 24 feet

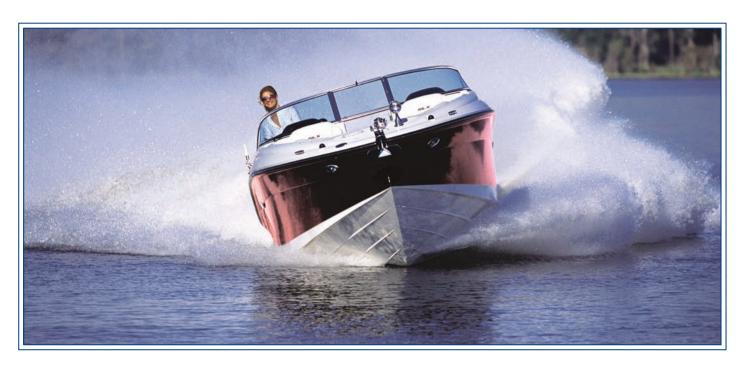
RITCHIE EXPLORERTM S-53

 $\begin{array}{ll} \mbox{Boat Style/Size} & \mbox{Power up to 24 ft (7.32m)} \\ \mbox{Dial Size/Design} & 2 \, ^3 \! /_4 ^{\rm m} \, (70 \mbox{mm}) / \mbox{Direct-Read Dial} \end{array}$

Night Lighting 12V Green
Compensators Built-in
Warranty 5-Year
Approx. Shipping Wt. 1 lb. (454g)
Protective Cover Model No. E-50-C

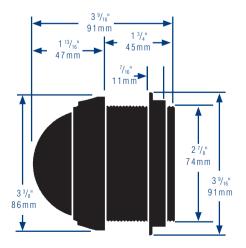


EXPLORER TM COMPASSES dash mount









DASH MOUNT, $2\sqrt[3]{4}$ " DIAL

for powerboats up to 24 feet

RITCHIE EXPLORER TM V-57.2

 $\begin{array}{ll} \mbox{Boat Style/Size} & \mbox{Power up to 24 ft (7.32m)} \\ \mbox{Dial Size/Design} & 2 \, ^3 \mbox{4'' (70mm)/Direct-Read Dial} \end{array}$

Night Lighting 12V

Viewing Adjustable to 30°

Compensators Built-in

Mounting Hole 3" (76mm) Instrument Hole

Warranty 5-Year Approx. Shipping Wt. 1 lb. (454g)

EXPLORER TM COMPASSES bulkhead mount

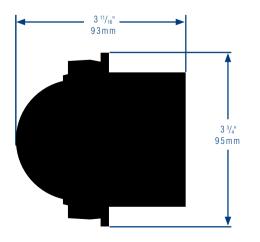








V-537B V-537W



BULKHEAD MOUNT, 2 3/4" DIAL

for sailboats up to 24 feet

RITCHIE EXPLORER $^{\text{\tiny TM}}$ V - 5 3 7

Boat Style/Size Sail up to 24 ft (7.32m)
Dial Size/Design 2 3/4" (70mm)/Direct-Read Dial

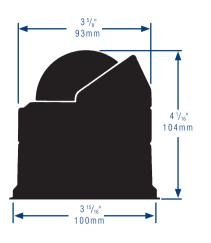
Night Lighting 12V

Viewing Adjustable to 30°/Heel angle to 25°

Compensators Built-in
Mounting Hole 3" (76mm)
Warranty 5-Year
Approx. Shipping Wt. 1 lb. (454g)

EXPLORERTM & VOYAGER[®] COMPASSES

deck mount





DECK MOUNT, 2 3/4" DIAL

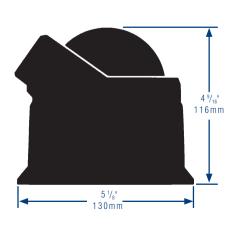
for powerboats up to 24 feet

RITCHIE EXPLORER TM D-55

Boat Style/Size Power up to 24 ft (7.32m)
Dial Size/Design 2 3/4" (70mm)/Direct-Read Dial

Night Lighting 12V Green
Compensators Built-in
Warranty 5-Year
Approx. Shipping Wt. 1 lb. (454g)
Protective Cover Model No. E-50-C







DECK MOUNT, 3" DIAL

for powerboats up to 28 feet

RITCHIE VOYAGER® D-84

Boat Style/Size Power up to 28 ft (8.54m)
Dial Size/Design 3" (76mm)/Flat-Card Dial

Night Lighting 12V Green Compensators Built-in Warranty 5-Year

Approx. Shipping Wt. 1 lb. 8oz. (680g)
Protective Cover Model No. V-80-C

VOYAGER® COMPASSES flush mount

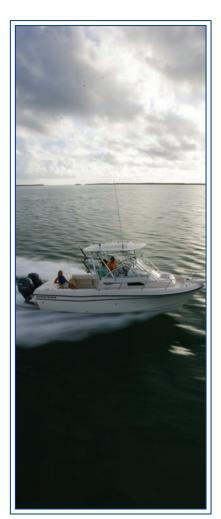


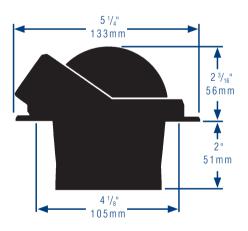


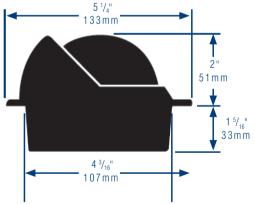












FLUSH MOUNT, 3" DIAL power or sailboats up to 28 feet

RITCHIE VOYAGER® F-82

Boat Style/Size Power or Sail up to 28 ft (8.54m) Dial Size/Design 3" (76mm)/Flat-Card Dial

Night Lighting 12V Green Compensators Built-in Mounting Hole 4 ¹/₈" (105mm) Warranty 5-Year

Approx. Shipping Wt. 1 lb. 8 oz.(680g) Protective Cover Model No. V-80-C

FLUSH MOUNT, 3" DIAL power or sailboats up to 28 feet RITCHIE VOYAGER® F-83

Boat Style/Size Power or Sail up to 28 ft (8.54m)

Dial Size/Design 3" (76mm)/CombiDial Night Lighting 12V Green Compensators Built-in

Mounting Hole 4 ³/₁₆" (107mm) Warranty 5-Year

Approx. Shipping Wt. 1 lb. 4 oz.(567g) Protective Cover Model No. V-83-C

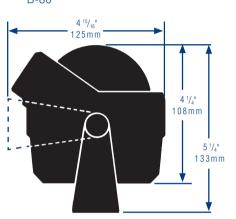


VOYAGER® COMPASSES

bracket mount









B-81

BRACKET MOUNT, 3" DIAL

for powerboats up to 28 feet

RITCHIE VOYAGER® B-80 & B-81

Boat Style/Size Power up to 28 ft (8.54m)

Dial Size/Design 3" (76mm)/Flat-Card or CombiDial Night Lighting 12V Green

Compensators Built-in Warranty 5-Year

Approx. Shipping Wt. 1lb. 8oz. (680g)

Protective Cover Model No. V-80-C (B-80)

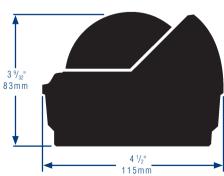
Model No. V-83-C (B-81)

VOYAGER® COMPASSES











S-87W

SURFACE MOUNT, 3" DIAL

for powerboats up to 28 feet

RITCHIE VOYAGERTM S-87

Boat Style/Size Power up to 28 ft (8.54m)
Dial Size/Design 3" (76mm)/CombiDial

Night Lighting 12V Green
Compensators Built-in
Warranty 5-Year

Approx. Shipping Wt. 1 lb. 3 oz. (539g)
Protective Cover Model No. V-83-C

HELMSMANTM COMPASSES

flush mount









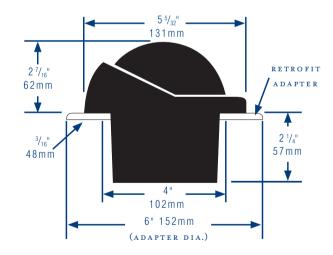
HF-743





ADAPTER RINGS

6" (152mm) retrofits the existing mounting hole for Model Numbers HF-72s, HF-73s and HF-79s. Adapter Model Numbers: H-ABLK (black) and H-AWHT (white).



FLUSH MOUNT, 33/4" DIAL

power or sailboats 25-35 feet

RITCHIE HELMSMAN HF-742

& HELMSMAN HF-743

Power or Sail/25 ft (7.64m) to 35ft (10.68m) Boat Style/Size Dial Size/Design $3^{3}/_{4}$ " (94mm)/Flat-Card or CombiDial

Night Lighting 12V Green Compensators Built-in

Mounting Hole 4" (102mm), 5" (128mm) w/ adapter ring

Warranty 5-Year Approx. Shipping Wt. 2lb. (907g) Model No. H-741-C Protective Cover

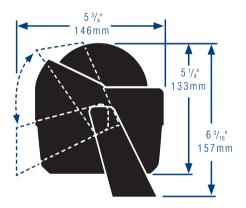
HELMSMAN TM COMPASSES bracket & deck mount



HD-740



HD-741



$B\,R\,A\,C\,K\,E\,T\ M\,O\,U\,N\,T\,,\ 3\,{}^{5}\!/\!_{\!4}{}^{"}\ D\,I\,A\,L$

power or sailboats 25-35 feet

RITCHIE HELMSMAN HB-740 & HELMSMAN HB-741

Boat Style/Size Power or Sail / 25ft (7.63m)

to 35ft (10.68m)

Dial Size/Design $3 \frac{3}{4}$ (94mm)/Flat-Card

 $or \ Combi Dial \\$

Night Lighting 12V Green
Compensators Built-in
Warranty 5-Year
Approx. Shipping Wt. 2 lb. (907g)
Protective Cover Model No. H-741-C

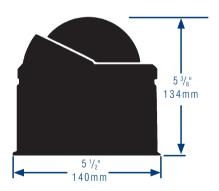




HD-744



HD-745



DECK MOUNT, 3³/₄" DIAL

power or sailboats 25-35 feet

$RITCHIE\ HELMSMAN\ HD-744$

& HELMSMAN HD-745

Boat Style/Size Power or Sail / 25ft (7.63m)

to 35ft (10.68m)

Dial Size/Design 3 3/4" (94mm)/Flat-Card

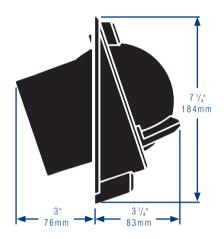
or CombiDial

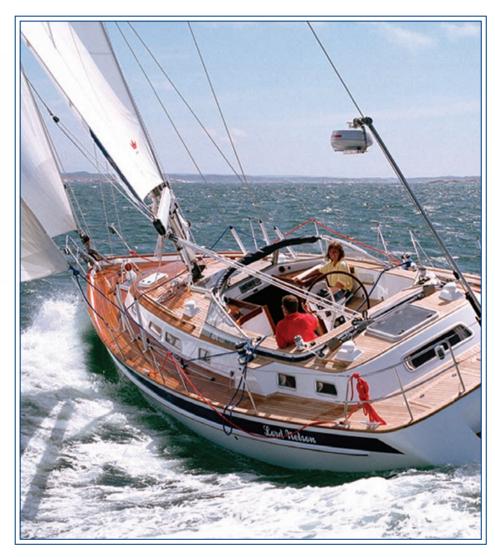
Night Lighting 12V Green
Compensators Built-in
Warranty 5-Year
Approx. Shipping Wt. 2 lb. (907g)
Protective Cover Model No. H-741-C

NAVIGATORTM COMPASSES bulkhead mount



BN-202





$\texttt{BULKHEAD MOUNT, } 4 \, {}^{1}\!\!/_{\!\!2}{}^{"} \texttt{ DIAL}$

sailboats 28-45 feet

RITCHIE NAVIGATOR TM BN-202

Boat Style/Size Power or Sail/28ft (8.54m) to 45ft (13.73m)

Dial Size/Design $4\frac{1}{2}$ " (114mm)/CombiDial

 $\begin{array}{lll} \mbox{Night Lighting} & 12\mbox{V} \\ \mbox{Compensators} & \mbox{Built-in} \\ \mbox{Mounting Hole} & 5\,\ensuremath{\,^3\!/_4^{\prime\prime\prime}}\mbox{ (146mm)} \\ \mbox{Warranty} & 5-\mbox{Year} \end{array}$

Approx. Shipping Wt. 2lb. 5oz. (1.05kg)
Protective Cover Model No. BN-C



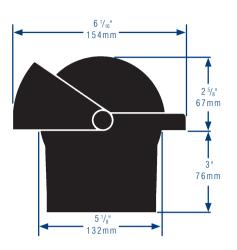


NAVIGATORTM COMPASSES

flush mount











FLUSH MOUNT, 4 1/2" DIAL

power or sailboats 28-45 feet

RITCHIE NAVIGATORTM FN-201 & NAVIGATORTM FN-203

Boat Style/Size Power or Sail / 28 ft (8.54m)

to 45 ft (13.73m)

Dial Size/Design 4 $^{1}/_{2}$ " (114mm)/Flat-Card

or CombiDial

Night Lighting 12V Green Compensators Built-in Mounting Hole 5 ¹/₈" (130mm)

Warranty 5-Year

Approx. Shipping Wt. 2 lb. 10 oz. (1.19kg) Protective Cover Model No. N-203-C



NAVIGATORTM COMPASSES

binnacle mount







BINNACLE MOUNT, $4\frac{1}{2}$ " DIAL

power or sailboats 28 to 45 feet

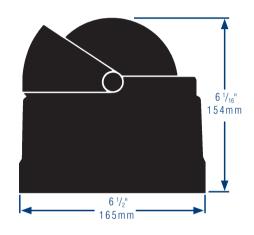
RITCHIE NAVIGATORTM DNP-200

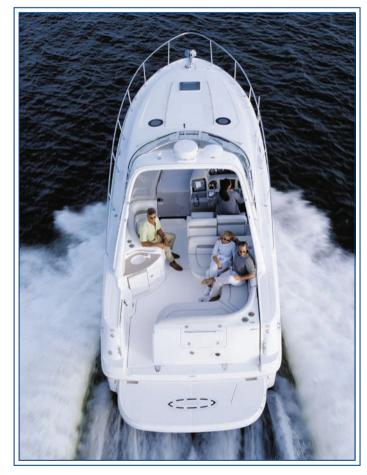
Boat Style/Size Power or Sail/28 ft (8.54m) to 45 ft (13.73m)

Dial Size/Design 4 1/2" (114mm) / Flat-Card Dial

Night Lighting 12V Green Compensators Built-in Warranty 5-Year

Approx. Shipping Wt. 3 lb. 10 oz. (1.65kg) Model No. N-203-C Protective Cover Weather Shield Model No. WS-P

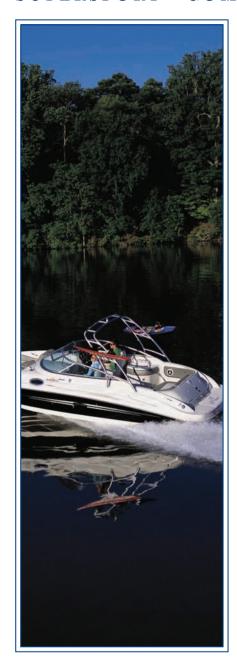




www.ritchienavigation.com

SUPERSPORTTM COMPASSES

flush mount

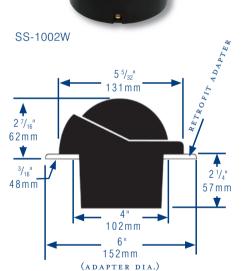








SS-2000



6 ¹/₁₆" 15 4 m m 2 ⁵/₈" 67 m m 76 m m 13 2 m m



ADAPTER RINGS

6" (15.24cm) retrofits the existing mounting hole for Model Numbers SS-1000 and SS-1000W.

Adapter Model Numbers: H-ABLK (black) and H-AWHT (white).

FLUSH MOUNT, 3 3/4" DIAL

high-performance

powerboats 25 to 35 feet

SUPERSPORT SS-1002

Boat Style/Size High-Performance Power
25 ft (7.63m) to 35 ft (10.68m)

Dial Size/Design 3 ³/₄" (94mm)/Blue PowerDamp
Plus Flat-Card Dial

Night Lighting 12V Green Compensators Built-in

Mounting Hole $$4^{\circ}$ (102mm) - 5^{\circ}$ (128mm) w/ adapter ring$

Warranty 5-Year
Approx. Shipping Wt. 2 lb. (907g)
Protective Cover Model No. H-741-C

FLUSH MOUNT, $4\frac{1}{2}$ " DIAL

high-performance

powerboats 28 to 45 feet

SUPERSPORT SS-2000

Boat Style/Size High-Performance Power

28 ft (8.54m) to 45 ft (13.73m)

Dial Size/Design 4 $^{1}/_{2}$ " (114mm)/Blue PowerDamp

Plus Flat-Card Dial

Night Lighting 12V Green

Compensators Built-in

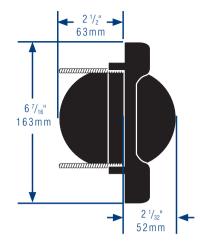
Mounting Hole 5 1/8" (130mm)

Warranty 5-Year

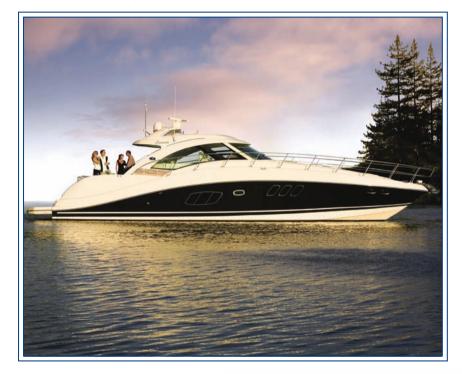
Approx. Shipping Wt. 2 lb. 10 oz. (1.19kg)
Protective Cover Model No. N-203-C

SUPERSPORT COMPASSES flush & bulkhead mount





Mount at any angle up to 45°





www.ritchienavigation.com

BULKHEAD MOUNT, 3 3/4" DIAL

for powerboats 20 feet and over

RITCHIE SUPERSPORT SS-PR2

Boat Style/Size Power 20 ft (6.10m) and over Dial Size/Design 3 3/4" (9.35cm)/CombiDial

Night Lighting 12V Green

Compensators Built-in

Mounting Hole 4 ½" (12.2cm)

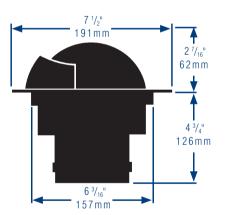
Warranty 5-Year

Approx. Shipping Wt. 2 lb. (.91kg)

Protective Cover Provided



SS-PR2 Front Cover



FLUSH MOUNT, 5" DIAL

for high-performance powerboats over 30 feet

RITCHIE SUPERSPORT TM SS-5000

Boat Style/Size High-Performance Power over 30 ft (9.15m)

Dial Size/Design 5" (127mm)/PowerDamp Plus

Flat-Card Dial

Night Lighting 12V Green
Compensators Built-in
Mounting Hole 6 1/4" (159mm)

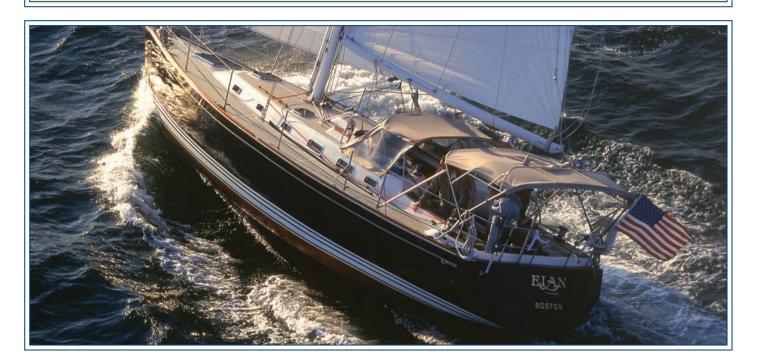
Warranty 5-Year

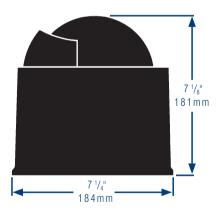
Approx. Shipping Wt. 5 lb. 12 oz. (2.6kg)
Protective Cover Model No. LL-C

GLOBEMASTER® COMPASSES deck & binnacle mount

SPECIFICATIONS

All Globemaster Compasses are individually custom assembled to order. Please ask your dealer or boat builder for complete specifications, options and ordering information. Or, call Ritchie Customer Service at 781-709-3202.











1. Protective Cover for 5"

Model No. GM-5-C

2. Weather Shield Model No. WS-P

DECK & BINNACLE MOUNT, 5" DIAL

power or sailboats over 30 feet

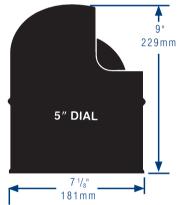
GLOBEMASTER $^{(\mathbb{R})}$ SP-5

Boat Style/Size Power or Sail over 30 ft (9.15m) Dial Size/Design 5" (127mm)/Flat-Card Dial Night Lighting 12V Green/24V or 32V by order

Compensators Built-in Warranty 5-Year Approx. Shipping Wt. 6 lb. (2.72kg) Protective Cover Model No. GM-5-C Model No. WS-P Weather Shield

GLOBEMASTER® COMPASSES deck & binnacle mount

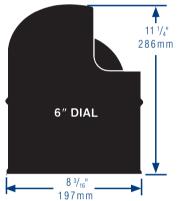






- 1. Protective Cover GM-5-C (5" only)
- 2. Weather Shield Model No. WS-P (5" only)
- 3. 2° Dial Model No. G-2 (5" only)
- 4. 2° Dial w/points Model No. G-2-P (5" and 6")
- 5. 5° Dial Model No. G-5 (5" and 6")





DECK & BINNACLE MOUNT, 5" & 6" DIALS

power or sailboats over 30 feet

RITCHIE GLOBEMASTER®

D-615-X & RITCHIE

GLOBEMASTER $^{(\mathbb{R})}$ D-515-EP

Boat Style/Size 5" - Power or Sail/over 30 ft (9.15m)

6"-Power or Sail/over 35 ft (10.65m)

5" (127mm) or 6" (152mm)/ Flat-Card Dial Dial Size/Design

(see style options)

Night Lighting 12V Green/24V or 32V by order

Compensators Built-in 5-Year Warranty

Approx. Shipping Wt. 5" Models: 10 lb. (4.54kg)

6" Models: 14 lb. (6.36kg)

Protective Cover Model No. GM-5-C Weather Shield Model No. WS-P

NOTE: When ordering a Globemaster Compass it is important to specify your choice of power or sailboat model; 2°, 2° w/ points, or 5° dial; 12, 24, or 32-volt night lighting and your choice of Polished Stainless (P), Black (B) or Polished Brass (X) finish on all models.

GLOBEMASTER® COMPASSES flush & binnacle mount



5" & 6" DIALS for power or sailboats over 30 feet

FLUSH MOUNT WITHOUT HOODS

Part #	Dimensions	Approx. Shipping Wt.
B-500	5" dial, 6 ⁷ / ₈ " (175mm) OD	5 lb. 12 oz. (2.61 kg)
* SB-500	5" dial, 6 ⁷ / ₈ " (175mm) OD	5 lb. 12 oz. (2.61 kg)
B-600	6" dial, 8" (203mm) 0D	11 lb. (4.99 kg)
* SB-600	6" dial, 8" (203mm) 0D	11 lb. (4.99 kg)
* SF-500	5" dial, 7 $\frac{1}{2}$ " (191mm) OD	5 lb. 12 oz. (2.61 kg)
* SF-600	6" dial, 9" (229mm) OD	11 lb. (4.99 kg)
FB-500	5" dial, 7 $\frac{1}{2}$ " (191mm) OD	5 lb. 12 oz. (2.61 kg)
F-600	6" dial, 9" (229mm) OD	11 lb. (4.99 kg)

BINNACLE MOUNT WITHOUT HOODS

Part #	Dimensions	Approx. Shipping Wt.	
* SP-5	5" dial, 7 $\frac{1}{8}$ " (183mm) OD	6 lb. (2.72 kg)	
515	5" dial, 7 $\frac{1}{8}$ " (183mm) OD	8 lb. 6 oz. (3.80 kg)	
* 515-E	5" dial, 7 $\frac{1}{8}$ " (183mm) OD	8 lb. 6 oz. (3.80 kg)	
615	6" dial, 8 ³ / ₁₆ " (197mm) OD	11 lb. 8 oz. (5.28 kg)	
* 615-E	6" dial, 8 ³ / ₁₆ " (197mm) 0D	11 lb. 8 oz. (5.28 kg)	

FLUSH MOUNT WITH HOODS

Part #	Dimensions	Approx. Shipping Wt.
FD-500	5" dial, 7 $\frac{1}{2}$ " (191mm) OD	8 lb. 9 oz. (3.87 kg)
* FD-500E	5" dial, 7 $\frac{1}{2}$ " (191mm) OD	8 lb. 9 oz. (3.87 kg)
FD-600	6" dial, 8 1/2" (216mm) OD	13 lb. 8 oz. (6.12 kg)
* FD-600E	6" dial, 8 ¹ / ₂ " (216mm) OD	13 lb. 8 oz. (6.12 kg)

BINNACLE MOUNT WITH HOODS

Part #	Dimensions	Approx. Shipping Wt
D-515	5" dial, 7 $\frac{1}{8}$ " (183mm) OD	10 lb. (4.54 kg)
* D-515-E	5" dial, 7 1/8" (183mm) OD	10 lb. (4.54 kg)
D-615	6" dial, 8 ³ / ₁₆ " (197mm) OD	14 lb. (6.36 kg)
* D-615-E	6" dial, 8 ³ / ₁₆ " (197mm) OD	10 lb. (4.54 kg)

^{*} designates sailboat features: Low Level Lighting and 45° Lubber Lines

Model No. LL-C (for Models SF-500 & FB-500 only)



157mm

6" DIAL

183mm

FLUSH MOUNT,

5" & 6" DIALS

power or sailboats over 30 feet

GLOBEMASTER SERIES

Approx. Shipping Wt. Call for specifics

Protective Cover

7 1/2" 191mm		Boat Style/Size	Power or Sail over 30 ft (9.15m) 6" models recommended for boats
	0.7/. "		over 35 ft (10.5m)
	2 ⁷ / ₁₆ " 6 2 m m	Dial Size/Design	5" (127mm) or 6" (152mm)
	UZIIIIII ↓		Flat-Card Dial (see style options)
		Night Lighting	12V Green/24V or 32V by order
5" DIAL		Compensators	Built-in
	4 ³ / ₄ " 1 2 6 m m	Mounting Hole	5" models: 6 ¹ / ₄ " (159mm)
			6" models: 7 ¹ / ₄ " (184mm)
	. ↓	Warranty	5-Year

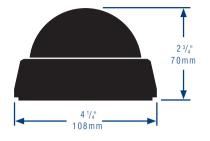
130mm

129mm

1. 2° Dial Model No. G-2 (5" only)
2. 2° Dial w/points Model No.G-2-P
(5" and 6")
3. 5° Dial Model No. G-5 (5" and 6")

SMALL SAILBOAT RACING COMPASSES





SURFACE MOUNT, 3" DIAL

racing sailboats up to 24 feet

RITCHIE X-PORT TACTICIAN TM XP-98W

Boat Style/Size small racing sailboats up to 24 ft (7.32m)

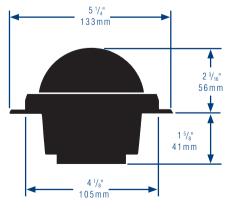
Dial Size/Design 3" (76mm)/CombiDial with

Tactical Quadrants to show Wind Shifts and Headers

Warranty 5-Year Approx. Shipping Wt. 1lb. (454g)







FLUSH MOUNT, 3" DIAL

racing sailboats up to 24ft

RITCHIE VOYAGER® RU-90

Boat Style/Size small racing sailboats up to 24 ft (7.32m)

Dial Size/Design 3" (76mm)/Blue Flat-Card Dial

Night Lighting none*

Mounting Hole $4^{1}/8^{11}$ (105mm)

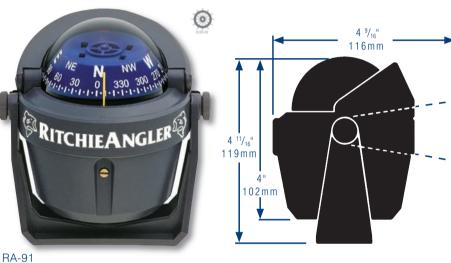
Warranty 5-Year

Approx. Shipping Wt. 1 lb. 4 oz. (567g)
Protective Cover Model No. V-81-C

*Light Kit VL-100 available for RU-90

FISHING BOAT COMPASSES





BRACKET MOUNT

& SURFACE MOUNT, 23/4" DIAL

fishing boats up to 24 feet

RITCHIE ANGLER® RA-91

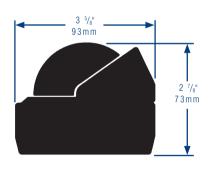
& $ANGLER^{\otimes}$ RA-93

Boat Style/Size Power up to 24 ft (7.32m)

Dial Size/Design 2 3/4" (70mm)/Blue Direct-Read Dial

Night Lighting 12V Green
Compensators Built-in
Warranty 5-Year
Approx. Shipping Wt. 1 lb. (454g)
Protective Cover Model No. E-50-C







3 ⁵/₈" 93mm 2 ⁷/₈" 73mm

SURFACE MOUNT, 23/4" DIAL

tiller steer fishing boats up to 24 feet

OFF 90° COMPASS S-OFF90

 $\begin{array}{ll} \mbox{Boat Style/Size} & \mbox{Power up to 24 ft (7.32m)} \\ \mbox{Dial Size/Design} & 2 \mbox{3/$_4$" (70mm)/Direct-Read Dial} \end{array}$

Night Lighting 12V Green
Compensators Built-in
Warranty 5-Year
Approx. Shipping Wt. 1 lb. (454g)

Viewing 90° off for viewing from starboard

Protective Cover Model No. E-50-C

KAYAK COMPASSES & ACCESSORIES



NEW XP-99



NEW XP-99W



Kayaker Tie-Down K-TD.2 (compass not included)

RITCHIE X-PORT KAYAKERTM COMPASSES

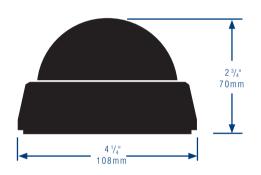
Kayaker compasses come in surface mount or tie-down models. Either choice delivers adventurous kayakers the security of being able to paddle a straight course in dense fog or rough seas.

SURFACE MOUNT, 3" DIAL for kayaks up to 16 feet

RITCHIE KAYAKERTM XP-99

Boat Style/Size Sea Kayaks up to 16 ft
Dial Size/Design 3" (76mm)/CombiDial

Warranty 5-Year Approx. Shipping Wt. 1 lb. (454g)



SPECIAL FEATURES:

- CourseMinder Movable Bezel with Heading Indicator
- Twist On/Off Mount for Easy Transport or Storage
- Low Mounted Height
- Simple Hand Tool Installation

KAYAKER TIE-DOWNS

Designed for Mounting the Ritchie Kayaker... No Drill, No Holes in the Deck, Flexible Pad and Foam Ring Easily Conform to Deck Shape, Won't Scratch Finishes.



V-527

SLOPE MOUNT, $2\sqrt[3]{4}$ " DIAL

ideal for NDK Kayaks

RITCHIE V-527

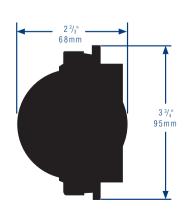
Boat Style/Size Kayaks

Dial Size/Design 2 3/4" (70mm)/Direct-Read Dial

Night Lighting N/A Compensators Built-in Warranty 5-Year

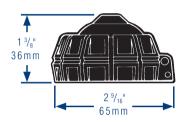
Viewing $\,$ Adjustable up to 45°

Approx. Shipping Wt. 1lb. (454g)



KAYAK COMPASSES & ACCESSORIES





HANDBEARING, 2" DIAL

for kayaks up to 16 feet

RITCHIE SPORTABOUTTM X-11Y

Boat Style/Size Sea Kayaks up to 16 ft
Dial Size/Design 2" (51mm)/Direct-Read Dial

Warranty 5-Year Approx. Shipping Wt. 1 lb. (454g)



SportAbout Kayak Tie-Down X-TD (compass not included)

SPORTABOUTTM KAYAK TIE-DOWNS

SportAbout handbearing compasses are compact, portable, and perfect for reliable navigation in compact boats where space is at a premium. SportAbout compass features:

- Easy-to-read 2" Direct-Reading Dial
- •Silicon Impact Resistant Case with Neck Lanyard
- Compact Size for Easy Handling and Storage
- QuickSight[™] V-Notch and Lubber Line for Easy Heading Alignment
- Non-Electric Chem Sticks Providing 18 Hours of Night Lighting
- New Holder Ideal for Deck Mounting SportAbout Compasses on Small Boats



SportAbout[™] Holder White - X-11-HW Black - X-11-H



SPORTABOUT COMPASS HOLDER

The New SportAbout Holder can be Deck Mounted to make your SportAbout a Steering Compass on Small Boats. For convenient storage, mount the Holder on a Bulkhead.



WetNotes Model W-50 (left & center), includes 45 pages, vinyl cover and pencil

WetNotes Model W-35 (right), includes 40 pages, self cover

WETNOTES $^{\mathbb{R}}$ W - 35 & W - 50

WetNotes are ideal for any on-the-water record keeping, from jotting down favorite fishing spots to grocery lists. Completely waterproof so they may be used underwater, WetNotes are available in two sizes: the Large 4 1/2" x 7 1/4" Notebook and the Small 3" x 5" Pocket Notebook. WetNotes uses regular soft lead pencil (supplied with W-50 Notebook), opens flat for easy writing, has easily removable pages and a tough international safety yellow vinyl cover.

STEEL & COMMERCIAL BOAT COMPASSES







BRACKET MOUNT, $3\sqrt[3]{4}$ " DIAL steel and commercial vessels larger than 20 feet HELMSMANTM HB-845 WITH STEEL BOAT QUADRANTAL CORRECTORS

Dial Size/Design $3 \sqrt[3]{4}$ " (57mm)/Flat-Card Dial Night Lighting 12V Green/24V or 32V by order Overall Dimensions 12" x 6 $\frac{1}{6}$ " (305mm x 157mm)

Base 4 3/8" (111mm)

Warranty 5-Year
Approx. Shipping Wt. 6 lb. (2.72kg)
Protective Cover Model No. H-741-C

BINNACLE MOUNT, $4\frac{1}{2}$ " DIAL steel and commercial vessels larger than 20 feet NAVIGATORTM B-200P WITH STEEL BOAT QUADRANTAL CORRECTORS

Dial Size/Design $4\frac{1}{2}$ " (114mm)/Flat-Card Dial Night Lighting 12V Green/24V or 32V by order Overall Dimensions $17\frac{1}{4}$ " x $6\frac{1}{6}$ " (438mm x 157mm)

Base 7 1/4" (184mm)
Warranty 5-Year
Approx. Shipping Wt. 10 lb. (4.5kg)
Protective Cover Model No. N-203-C

BINNACLE MOUNT, 5" & 6" DIAL steel and commercial vessels larger than 20 feet GLOBEMASTER® D-5-S & D-6-S WITH STEEL BOAT QUADRANTAL CORRECTORS

D-5-S D-6-S Dial Size/Design 5" (127mm) 6" (152mm)

Night Lighting 12V Green/24V or 32V by order

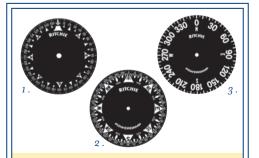
Overall Dimensions $22'' \times 8^{3}/_{4}''$ $23^{3}/_{4}'' \times 10^{1}/_{4}''$

(556mm x 223mm) (603mm x 260mm)

Base $7\frac{1}{8}$ " (181mm) $8\frac{3}{16}$ " (209mm)

Warranty 5-Year 5-Year

Approx. Shipping Wt. 23 lb. (10.44kg) 29 lb. (13.15kg)



- 1. 2° Dial Model No. G-2 (5" only)
- 2. 2° Dial w/points Model No. G-2-P (5" and 6")
- 3. 5° Dial Model No. G-5 (5" and 6")

IMPORTANT ORDERING INFORMATION

All Steel and Commercial Boat Compasses are individually custom assembled to order, and there are many options to consider. All models are available with your choice of 12, 24, or 32-volt night lighting. In addition, Globemaster Models are available for either sail or powerboats with a choice of dial sizes and dial degree graduations. The Globemaster Traditional Binnacle Models are also available in Polished Brass (X), Chrome Plated Brass (C) or Black (B) finish. Please ask your dealer or boat builder for complete specifications, options and ordering information or call Ritchie Customer Service at 781-826-5131.

STEEL & COMMERCIAL BOAT COMPASSES



YOKE MOUNT, 5" & 6" DIAL

steel and commercial vessels larger than 20 feet
GLOBEMASTER® YB-500 & YB-600 WITH STEEL
BOAT QUADRANTAL CORRECTORS

YB-500 YB-600 Dial Size/Design 5" (127mm) 6" (152mm)

Night Lighting 12V Green/24V or 32V by order

Overall Dimensions 19" x 8 $\frac{1}{4}$ " 20 $\frac{1}{4}$ " x 9 $\frac{7}{8}$ "

(483mm x 210mm) (514mm x 245mm)

 Base
 $6\sqrt[7]_8$ (175mm)
 8" (203mm)

 Warranty
 5-Year
 5-Year

Approx. Shipping Wt. 18 lb. (8.16kg) 26 lb. (11.90kg)

GLOBEMASTER SHOCK MOUNT COMPASSES

feature a special anti-vibration mount. Isolates Dial to protect Pivot and Jewel.

Base



SHOCK MOUNT, 5" & 6" DIAL steel and commercial vessels larger than 20 feet

GLOBEMASTER $^{\text{TM}}$ B-453 & B-463 WITH STEEL BOAT QUADRANTAL CORRECTORS

B-453 B-463 Dial Size/Design 5" (127mm) 6" (152mm)

Night Lighting 12V Green/24V or 32V by order

Overall Dimensions $19" \times 8"/_4"$ $20"/_2" \times 10"/_4"$

(463mm x 210mm) (521mm x 260mm) 7 ¹/₄" (111mm) 9 ¹/₂" (241mm)

Warranty 5-Year 5-Year

Approx. Shipping Wt. 10 lb. (4.5kg) 24 lb. (10.89kg)



C-453

SHOCK MOUNT, 5" & 6" DIAL

commercial vessels larger than 20 feet

GLOBEMASTER TM C-453 & C-463 WITH SHOCK MOUNT BINNACLE

C-453 C-463 5" (127mm) 6" (152mm)

Dial Size/Design 5" (127mm) 6" (152 Night Lighting 12V Green/24V or 32V by order

Overall Dimensions $8^{1}/_{2}^{11} \times 8^{1}/_{4}^{11}$ $9^{1}/_{2}^{11} \times 10^{1}/_{4}^{11}$

(216mm x 210mm) (241mm x 260mm)

Base 8 ¹/₁₆" (214mm) 9 ¹/₂" (241mm)

Warranty 5-Year 5-Year

Approx. Shipping Wt. 7 lb. (3.52kg) 12 lb. (5.44kg)

NAVY STANDARD COMPASSES

RITCHIE REINTRODUCES THE LEGENDARY NAVY STANDARD COMPASS



NS-7.5-SB



NS-7.5

NS-7.5-BIN

(NOT SHOWN)

NAVY STANDARD COMPASS FEATURES

- 1° increments with cardinal and inner cardinal markings
- Dial float chamber removes nearly all the weight from pivot and jewel to extend operation by years
- Bezel machined to accommodate 7½" Navy standard azimuth circle or bearing circle
- 5" quadrantal spheres standard with steel boat model, smaller sizes available on request
- Meets or exceeds Solas ISO Class A compass requirements
- Operating Temperature Range: -22°F (-30°C) to +175°F (+80°C)
- 12, 24, 32, and 110 Volt Lighting included

BRACKET MOUNT, 7 1/2" DIAL

large steel and commercial vessels

NAVY STANDARD NS-7.5-SB WITH STEEL BOAT OUADRANTAL CORRECTORS

Dial Size/Design 7 $\frac{1}{2}$ " (192mm)/Flat-Card Dial Night Lighting 12V, 24V, 32V, and 110V Overall Dimensions 25" x 9 $\frac{3}{8}$ " (635mm x 238mm)

Base 12 ¹/₂" (318mm)

Warranty 5-Year

Approx. Shipping Wt. 43 lb. (19.5kg)

BRACKET MOUNT, 7 1/2" DIAL

large steel and commercial vessels

NAVY STANDARD NS-7.5

Dial Size/Design $7 \frac{1}{2}$ " (192mm)/Flat-Card Dial Night Lighting 12V, 24V, 32V, and 110V

Overall Dimensions $11 \frac{3}{4}$ x 9 $\frac{3}{8}$

(299mm x 238mm)

Base 12 1/2" (318mm)

Warranty 5-Year

Approx. Shipping Wt. 19 lb. (8.6kg)

BINNACLE MOUNT, 7 $\frac{1}{2}$ " DIAL (NOT SHOWN)

large steel and commercial vessels

NS-7.5-BIN WITHOUT MOUNTING BRACKET FOR INSTALLATION IN SHIP'S BINNACLE

Dial Size/Design $7 \frac{1}{2}$ " (192mm)/Flat-Card Dial Night Lighting 12V, 24V, 32V, and 110V

Overall Dimensions $11 \frac{3}{4}$ " x 5 $\frac{15}{16}$ "

(299mm x 151mm)

Base 12" (304mm)

Warranty 5-Year

Approx. Shipping Wt. 16 lb. (7.3kg)

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