

MAGELLAN SYSTEMS CORPORATION LIMITED WARRANTY

All Magellan GPS receivers are navigation aids, and are not intended to replace other methods of navigation. Purchaser is advised to perform careful position charting and use good judgment. READ THE USER GUIDE CAREFULLY BEFORE USING THE PRODUCT.

1. MAGELLAN SYSTEMS CORPORATION'S WARRANTY

Magellan Systems Corporation warrants their GPS receivers and accessories to be free of defects in material and workmanship for a period of one year from the date of original purchase. THIS WARRANTY APPLIES ONLY TO THE ORIGINAL PURCHASER OF THIS PRODUCT.

In the event of a defect, Magellan Systems Corporation will, at its option, repair or replace the product with no charge to the purchaser for parts or labor. The repaired or replaced product will be warranted for ninety (90) days from the date of return shipment, or for the balance of the original warranty, whichever is longer.

2. PURCHASER'S REMEDY

PURCHASER'S **EXCLUSIVE** REMEDY UNDER THIS WRIT-TEN WARRANTY OR ANY IMPLIED WARRANTY SHALL BE LIMITED TO THE REPAIR OR REPLACEMENT, AT MAGELLAN SYSTEMS CORPORATION'S OPTION, OF ANY **DEFECTIVE** PART OF THE RECEIVER OR ACCESSORIES WHICH ARE COVERED BY THIS WARRANTY. REPAIRS UNDER THIS WARRANTY SHALL ONLY BE MADE AT AN AUTHORIZED MAGELLAN SERVICE CENTER.

3. PURCHASER'S DUTIES

To obtain warranty service, the purchaser must return the receiver or accessories postpaid, with proof of the date of original purchase and purchaser's return address to:

MAGELLAN AUTHORIZED SERVICE CENTERS

MAGELLAN SYSTEMS CORPORATION WILL NOT BE RESPONSIBLE FOR ANY LOSSES OR DAMAGE TO THE PRODUCT INCURRED WHILE THE PRODUCT IS IN TRANSIT OR IS BEING SHIPPED FOR REPAIR. INSURANCE IS RECOMMENDED.

4. LIMITATION OF IMPLIED WARRANTIES

Except as set forth in item 1 above, all other expressed or implied warranties, including those of fitness for any particular purpose or merchantability, are hereby disclaimed.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

5. EXCLUSIONS

- INSTALLATION
- BATTERIES
- FINISHES
- DEFECTS RESULTING FROM INSTALLATION
- ANY DAMAGE DUE TO ACCIDENT, RESULTING FROM INACCURATE SATELLITE TRANSMISSIONS. INACCURATE TRANSMISSIONS CAN OCCUR DUE TO CHANGES IN THE POSITION, HEALTH OR GEOMETRY OF A SATELLITE.
- ANY DAMAGE DUE TO SHIPPING, MISUSE, ABUSE, NEGLIGENCE OR TAMPERING, OR IMPROPER USE.
- SERVICING PERFORMED OR ATTEMPTED BY ANYONE OTHER THAN AN AUTHORIZED MAGELLAN SERVICE CENTER.

- **MODIFICATIONS TO THE RECEIVER WHICH MAY BE REQUIRED DUE TO ANY CHANGE IN THE GLOBAL POSITIONING SYSTEM (GPS).** (Note: All Magellan GPS receivers use GPS to obtain position, velocity and time information. GPS is operated by the U.S. Government, which is solely responsible for its accuracy and maintenance. Certain conditions can cause inaccuracies which could require modifications to the receiver. Examples of such conditions include but are not limited to changes in the GPS transmission. SUCH MODIFICATIONS ARE NOT COVERED BY THIS WARRANTY.)

OPENING OF THIS PRODUCT BY ANYONE OTHER THAN AN AUTHORIZED MAGELLAN SERVICE CENTER WILL VOID THIS WARRANTY.

6. EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES

MAGELLAN SYSTEMS CORPORATION SHALL NOT BE LIABLE TO PURCHASER OR ANY OTHER PERSON FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOST PROFITS, DAMAGES RESULTING FROM DELAY OR LOSS OF USE, LOSS OF OR DAMAGES ARISING OUT OF BREACH OF THIS WARRANTY OR ANY IMPLIED WARRANTY EVEN THOUGH CAUSED BY NEGLIGENCE OR OTHER FAULT. IN NO EVENT WILL MAGELLAN SYSTEMS CORPORATION BE RESPONSIBLE FOR SUCH DAMAGES, EVEN IF MAGELLAN SYSTEMS CORPORATION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

7. MERGER

This written warranty is the complete, final and exclusive agreement between Magellan Systems Corporation and the purchaser with respect to the quality of performance of the goods and any and all warranties and representations. THIS WARRANTY SETS FORTH ALL OF MAGELLAN SYSTEMS CORPORATION'S RESPONSIBILITIES REGARDING THIS PRODUCT.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

8. FOR PURCHASER'S OUTSIDE OF THE UNITED STATES

THIS WARRANTY GIVES YOU SPECIFIC RIGHTS. YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM PROVINCE TO PROVINCE AND CERTAIN **LIMITATIONS** CONTAINED IN THIS WARRANTY MAY NOT APPLY TO YOU.

If you purchased this product outside of the United States this limited warranty is governed by the laws of the State of California and shall benefit Magellan Systems Corporation, its successors and assigns.

For further information concerning this limited warranty, please call or write:

Magellan Systems Corporation, 960 Overland Court, San Dimas, California, U.S.A. 91773

Phone: (714) 394-5000 Fax: (714) 394-7050

LANYARD ATTACHMENT

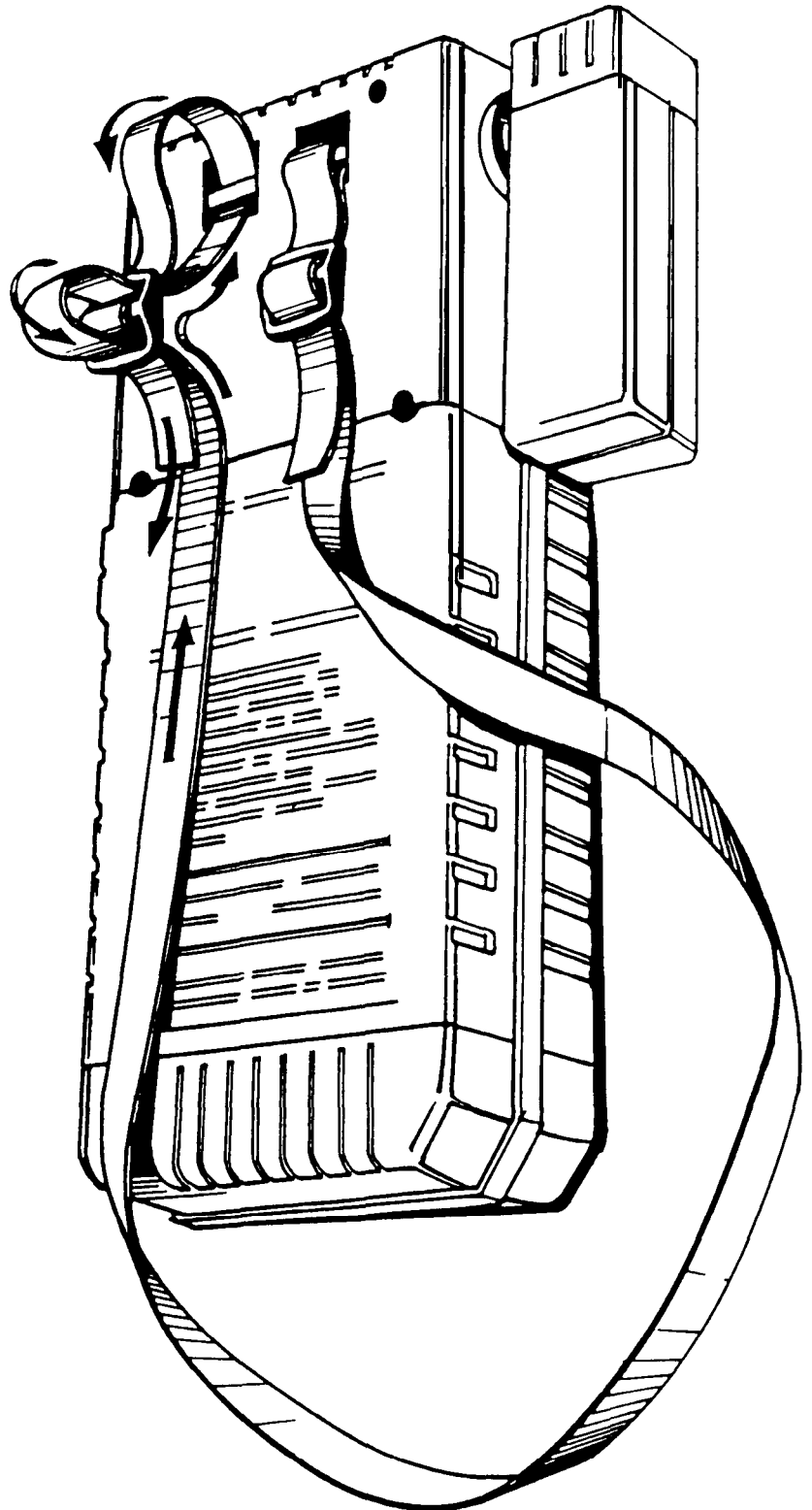
Place the plastic slip guides on both ends of the lanyard.

Slide the guides approximately 8" from the ends of the lanyard.

Thread the lanyard underneath the metal bracket on the back of the Nav 1000.

Thread the lanyard through the plastic guide as illustrated.

Adjust the slip guides for proper lanyard length.



QUICK RELEASE BRACKET MOUNTING KIT
INSTALLATION INSTRUCTIONS

PLEASE FOLLOW THESE INSTRUCTIONS FOR EASY INSTALLATION OF THE MAGELLAN QUICK RELEASE BRACKET MOUNTING KIT. FOR THE PROPER PERFORMANCE OF YOUR MAGELLAN NAV 1000 PLUS, ALSO FOLLOW ALL SPECIAL NOTES AS DESCRIBED. DISCONNECT POSITIVE LEAD FROM BATTERY BEFORE MAKING ELECTRICAL CONNECTIONS.

PARTS LIST

	Part Number	Description	Qty		Part Number	Description	Qty
1	23-10013-000	NAV Holder	1	10	46-00004-000	8x3/8 Screws	4
2	46-00008-000	10x1 Screws	8	11	27-10008-000	Gasket	1
3	23-10012-000	GPS Antenna Coupler	1	12	46-00014-000	Flat Washer #8	4
4	27-10011-000	U-Bracket	1	13	46-00015-000	Flat Washer #10	4
5	46-00016-000	Knob	2	14	23-10010-000	Interface Box	1
6	46-00018-000	Star Washer 1/4"	4	15	27-10015-000	Bracket	1
7	23-10011-000	External Antenna	1	16	46-00021-000	8x5/8 Screws	2
8	29-10027-000	Antenna Mount Ring	1	17	49-10005-000	Cushion Tape	1
9	29-10029-000	Antenna Mount	1	18	49-10004-000	Rubber Feet	4

Additional equipment needed for installation: No. 18 stranded insulated wire. Color coding recommended. Insulated terminal lugs as required.

NAV HOLDER (#1) DISREGARD THIS SECTION IF USING THE U-BRACKET WITH THE HOLDER.

After locating the appropriate mounting position, use the holder as a template.

1. Position the holder and mark the center of each hole located on the top back portion of the holder. Drill 2 pilot holes using a 5/32 bit.
2. Screw in mounting screws (#2) leaving 1/4 inch space between the screw head and mounting surface.
3. Attach holder to the screws with slight downward pressure insuring the screws are properly seated in the grooves.
4. Mark the two holes on the lower portion of the holder and remove the holder. Drill 2 pilot holes using a 5/32 bit.
5. Attach holder to the screws with slight downward pressure insuring the screws are properly seated in the grooves. (If using external power, see DC/Antenna Interface Box section for routing of power cord prior to mounting the holder).
6. Insert screws (#2) through the bottom holes and tighten all four to a snug fit. DO NOT OVER TIGHTEN.

NOTE: When using the NAV 1000 PLUS without the External Antenna make sure the holder is mounted in an area which allows the units antenna a clear unobstructed "view" of the sky.

U-BRACKET (#4)

After locating the appropriate position, use the U-Bracket as a template.

1. Position the U-Bracket on the mounting surface and mark the center of each hole. Drill 2 pilot holes using a 5/32 bit.
2. Insert the screws (#2) through the 2 pilot holes in the bracket and tighten.
3. Use the knobs (#5) and washers to attach the holder as shown in diagram. Make sure the star washers (#6) are positioned as shown.

GPS ANTENNA COUPLER (#3)

The GPS Antenna Coupler is equipped with 8 feet of RG58U cable. Be sure to mount the holder at least 6 feet away from the interface box.

1. Slide the cable through the hole located at the bottom of the holder.
2. Slide the antenna coupler into the holder.

EXTERNAL ANTENNA (#7)

The External Antenna is equipped with 50 feet of RG58U cable and must be mounted in a location with a clear unobstructed "view" of the sky. The antenna may be surface mounted for bottom feed installation or mounted to a standard 1"-14 antenna mount. If the cable run exceeds 50 feet, RG8 cable should be used. Connect the RG8 as close to the antenna as possible.

NOTE: The external antenna must be located at least 6' away from the NAV 1000 PLUS and interface box.

Surface Mounting

1. Locate a flat mounting surface. Drill a hole for the cable and remove any jagged or rough edges.
2. Slide the cable through the hole, route to the DC/Antenna Interface Box.
3. Affix the connector to the port marked "TO ANTENNA."
4. Place the mounting ring (#8) over the base of the antenna.
5. Using the ring as a template, mark the center of each hole and remove the ring. Drill 4 pilot holes using a 5/32 bit.
6. Replace gasket (#11) and ring (#8) and align the 4 pilot holes.
7. Attach with screws (#2) and washers (#13).

Using Antenna Mounts

1. Attach the antenna mount (#9) to the external antenna using screws (#10) and washers (#12). Make sure to feed the cable through the offset hole in the mount. (The pre-attached connector must be removed to feed the cable through the mount.)
2. Route the cable to the DC/Antenna Interface Box and affix to the port marked "TO ANTENNA."

DC/ANTENNA INTERFACE BOX (#14)

The DC/Antenna Interface Box supplies external power to the NAV 1000 PLUS and External Antenna. It must be located at least 6' but not more than 8' from the NAV 1000 PLUS.

1. Apply the cushion tape (#17) to the inside of bracket (#15) and 4 rubber feet (#18) to the interface box. Position the bracket over the interface box.

NOTE: Place rubber feet on the top side of the box for overhead mounting and on the underside of the box for surface mounting.

2. Using the bracket as a template mark the centers of each hole and drill 2 pilot holes using a 1/8 bit.
3. Align bracket and box with the 2 pilot holes and secure with screws (#16).
4. Route the RG58 cable from the holder and attach to the port marked "TO NAV 1000."
5. Route the power cord from the interface box to the holder. Clips are provided on the back of the holder for the power cord. Press the power cord into the clips. Connect the 5-pin into the NAV 1000 PLUS.
6. Attach 18 gauge electrical wire (not supplied) to the connection marked "POWER IN."
7. Connect positive (+) and negative (-) wire leads to the power source.

CAUTION: TO AVOID POSSIBLE DAMAGE TO THE NAV 1000 PLUS, THE UNIT MUST BE TURNED OFF BEFORE THE POWER JACK IS PLUGGED IN OR UNPLUGGED.

If you plan to use external power with your NAV 1000 PLUS and hook up the NMEA, do the following:

If you have the power/data cable shown in Inset 1:

1. Attach the 5-pin from the interface box A to the 5-pin receptacle of the power/data cable
2. Connect the remaining 5-pin connector from the power/data cable to the NAV 1000 PLUS.

If you have the power/data cable shown in Inset 2:

1. Attach the 5-pin to RCA phono jack cable to the 5-pin from the interface box A.
2. Attach the RCA phono jack to the receptacle on the power/data cable.
3. Connect the 5-pin connector from the power/data cable to the NAV 1000 PLUS.

