

RAM® MOUNTING SYSTEMS



R-A-M is the revolutionary universal ball and socket mounting system that allows you to mount practically anything anywhere. Unlike other mounts on the market, R-A-M allows you to mount items where you need them most. Our yoke mounting systems gives the pilot an option of positioning the arm over or under the yoke depending on your specific requirements. If yoke mounting is not desired then R-A-M also fits that demand by enabling the pilot to attach a base with ball in a more convenient location. Then by simply turning a knob, the hand held device can be positioned for the very best viewing angle. Whether its in an aircraft, automobile, boat, ATV, truck, snowmobile, farming vehicle, motorcycle, fork lift or any other situation, R-A-M's family of over 175 interchangeable accessories will offer you solutions to your most challenging mounting problems.

If you need to mount a GPS, camera, light, computer, cellular phone, speaker, mirror, antenna, or just about anything else look no further. R-A-M mounts will help you make a professional job easy and affordable. It's unique design provides easy installation, mobility, strength, versatility, vibration protection and durability, all at a low cost. R-A-M is backed by NPI's renowned Lifetime Warranty which makes it the mounting system of choice. To provide light weight strength and corrosion resistance, R-A-M is made of marine grade aluminum with a powder coated finish, stainless steel hardware and rubber balls. Recognized and accepted by the U.S. Patent Office, R-A-M is the only universal ball-and-socket system that holds tremendous amounts of weight in high vibration applications for military, commercial and private use. Visit the R-A-M web site at: www.ram-mount.com to see the newest products and to learn more about this revolutionary mounting system that is quickly becoming the industry standard. Remember when faced with a difficult mounting situation, **Just R-A-M It!**

RAM Mounting systems pictured below, only begin to show some of the many combinations for their use. With different RAM compatible items, applications are only limited by your imagination.

Description	GARMIN 195 & 295	BELT CLIP MOUNT	GARMIN GPS III GPS V PILOT	GARMIN 96 & 96C	GARMIN 196 & 296	iPAQ POWERED DOCK SERIES	UNIVERSAL PDA HOLDER
Standard round mounting base with double socket arm and holder. Ideal for mounting on glareshields and panels. To attach mounting base without fasteners use RAM-202PSA adhesive pad. Use this model along with RAM-B-108B & RAM-STRAP40 to yoke mount a Beech-Bonanza.	 RAM-B-101-G1	 RAM-B-138-BC1	 RAM-B-138-GA2	 RAM-B-138-GA14	 RAM-B-138-GA7	 RAM-B-138-CO5P	 RAM-B-138-PD3
Yoke mounted C-clamp with double socket arm and mounting base. Quickly and easily attaches to yokes from 5/8" to 1 1/4" in diameter. Perfect for use in rental aircraft. Mount can be used on either the top or the bottom of the yoke.	 RAM-B-125-G1	 RAM-B-125-BC1	 RAM-B-121-GA2	 RAM-B-121-GA14	 RAM-B-121-GA7	 RAM-B-121-CO5P	 RAM-B-121-PD3
3.25" diameter Twist Lock™ Suction Cup with double socket arms and attachment plate. Cup will solidly adhere to any glass or smooth non porous surface. Excellent solution for rental	 RAM-B-166-G1	 RAM-B-166-BC1	 RAM-B-166-GA2	 RAM-B-166-GA14	 RAM-B-166-GA7	 RAM-B-166-CO5P	 RAM-B-166-PD3
U-bolt mounting base with double socket arm and attachment base. Easily attaches on to tubing between 1/2" to 1" in diameter. Larger version able to attach to 1 3/8" diameters available upon request.	 RAM-B-149-G1	 RAM-B-149Z-BC1	 RAM-B-149Z-GA2	 RAM-B-149Z-GA14	 RAM-B-149Z-GA7	 RAM-B-149Z-CO5P	 RAM-B-149Z-PD3

RAM® COMPATIBLE™ COMPONENTS

Pick one mount and one holder to make a complete system

Pick the style of mounting system that you prefer and then pick the corresponding holder for your device. All holders attach to the mount with included screws. RAM® makes holders for every model of GPS. If you don't see yours listed, call for the part number.



RAM HOL-PD2 shown with RAP-105-6224



RAM HOL-GA7 shown with RAM-B-121-238

Suction Cup Mounts



RAM-B-166
RAM 3 1/4" Twist Lock™ Suction Cup with double ball and socket plus diamond shaped base.



RAP-B-104-224
RAM Twist Lock™ Suction Cup with center pivot ratchet and single ball and socket arm.



RAM-B-106-6224
Twist Lock™ Suction Cup with 6" flexible rod and diamond shaped base.

Misc. Mounts



RAM-B-138
RAM 2 1/2" diameter screw down base. Use with optional part # RAM-202PSA to attach with out screws.



RAM-B-121-238
RAM yoke mounting system. Attaches to yokes from 5/8" to 1 1/4" in diameter.



RAM-B-125
RAM yoke system with curved plate. Allows closer and higher mounting to yoke. Works with yokes



RAM-B-108-238
RAM strap clamp system with 1" balls for Bonanza aircraft.



RAM-B-149Z
RAM U-bolt base mount. Fits between 1/2" to 1" diameter tubes and rails.

Holders

- RAM-HOL-BC1 All handhelds with belt clip
- RAM-HOL-CO2 Non powered holder for iPAQ 3000 & 5000 series
- RAM-HOL-CO2P Powered iPAQ holder for 3000 & 5000 series
- RAM-HOL-CO3P Powered iPAQ holder for 2200 series
- RAM-HOL-CO4P Powered iPAQ holder for 4100 series
- RAM-HOL-CO4 Non powered holder for 1900 and 4100 series
- RAM-HOL-GA2 Garmin II, III, & V series
- RAM-HOL-GA4 Garmin Emap
- RAM-HOL-GA5 Garmin Etrex series
- RAM-HOL-GA6 Garmin 76 series (non color version)
- RAM-HOL-GA7 Garmin 176, 196, & 296 series
- RAM-HOL-GA8 Garmin Rino series
- RAM-HOL-GA10 Garmin Street Pilot 2600 series
- RAM-HOL-GA11 Garmin iQUE series
- RAM-HOL-MA1 Magellan Blazer 300, 315
- RAM-HOL-MA2 Magellan Meridian series
- RAM-HOL-MA3 Magellan Sportrak series
- RAM-HOL-PD1 Universal top loaded PDA holder max width 3.39", max thickness .87", height range between 4.38" and 5.75"
- RAM-HOL-PD2 Universal side loaded PDA holder max thickness .59" to 1", width adjustable between 3" to 4"

RAM COMPATIBLE COMPONENTS



RAM-B-108B
RAM base with strap clamp. Fits yokes and tubing from 3/4" to 3 1/2" in diameter. Use optional part # RAM-STRAP40 for Bonanza



RAM-B-224
RAM 4" diameter EPDM Airforce grade rubber suction cup with 1" ball.



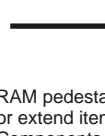
RAP-224-1
RAM 3 1/4" diameter Twist Lock™ Suction Cup. Use with RAM-B-238 base to attach onto RAM 1" ball systems.



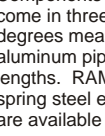
RAM-B-121B
RAM yoke clamp with 1" ball. Fits 5/8" to 1 1/4" diameter tube or yoke.



RAM-B-201-A
RAM short double socket arm for 1" balls. 1 3/4" center to center length.



RAM-B-201
RAM standard double socket arm for 1" balls. 3" center to center length.



RAM-B-201-C
RAM long double socket arm for 1" balls. 5 1/4" center to center length.



RAM-B-202
RAM standard 2 1/2" diameter base with 1" ball. Contains the popular AMPS hole pattern.



RAM-202PSA
RAM 2 1/2" diameter double sided pressure sensitive adhesive mounting pad.



RAM-B-231Z
RAM U-bolt mounting base with 1" ball. Attaches to rail and tubing between 1/2" and 1" in diameter. Optional U-bolt for up to 1 3/8" diameter.



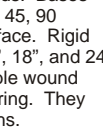
RAM-B-238
RAM diamond shaped base with 1" ball. 1.913" hole centers attach onto any RAM holder.



RAM-B-230
RAM double 1" ball connector. Allows you to add multiple sets of double socket arms.



RAM-B-202A
RAM round 2 1/2" diameter base with 1/4"-20 male thread. Ideal for attaching to cameras and other electronic devices.



RAM-B-132B
RAM double swivel cup holder with 1" ball. Two axis pivot always



RAM-B-218-1
RAM base with 1/4" NPT hole and 1" ball.



RAM-B-200-1
RAM single socket arm with 1/4" NPT hole. Works with 1" ball system.



RAM-B-241
RAM U-bolt base with 1/4" NPT hole. Attaches to 1/2" to 1" diameter rail or tube.



RAM-PF-585-6
RAM 6" double wound spring steel flex arm with 1/4" male NPT ends.



RAM-PF-585-9
RAM 9" double wound spring steel flex arm with 1/4" male NPT ends.



RAM-PF-585-12
RAM 12" double wound spring steel flex arm with 1/4" male NPT ends.



RAM-B-131B
RAM seat rail base for Cessna aircraft with 1/4" and 1/2" NPT holes. Quickly attaches between the pilot and co-pilot's seat with the turn of a knob. Compatible all sizes of flexible and rigid pedestals.



RAM-B-232-0
RAM 2 1/2" diameter 0 degree base with 1/4" NPT hole.



RAM-B-232-45
RAM 2 1/2" diameter 45 degree base with 1/4" NPT hole.



RAM-B-232-90
RAM 2 1/2" diameter 90 degree base with 1/4" NPT hole.



RAM-PA-5406
RAM 6" rigid aluminum pedestal with 1/4" male NPT ends.



RAM-PA-5409
RAM 9" rigid aluminum pedestal with 1/4" male NPT ends.



RAM-PA-5412
RAM 12" rigid aluminum pedestal with 1/4" male NPT



RAM-B-217-1
RAM double 1" ball base with 1/4" NPT hole. Allows you to attach two sets of double socket arms to the

RAM pedestal systems provide an easy way to elevate or extend items to more desirable locations. Components use standard 1/4" NPT threads. Bases come in three different angles including 0, 45, 90 degrees measured from the mounting surface. Rigid aluminum pipes are available in 4", 6", 12", 18", and 24" lengths. RAM flex arms are made of double wound spring steel encased in a black PVC covering. They are available in 6", 12", 18", and 24" lengths.



RAM-B-131B base with 1/4" NPT hole, RAM-PF-585-12 flex arm, RAM-B-218-1 single ball with 1/4" NPT hole, RAM-B-201 double socket arm, RAM-B-238 base with 1" ball, and RAM-HOL-GA7 GPS holder for Garmin 196 & 296.



RAM-B-232-90 base with 1/4" NPT threaded hole, RAM-PF-585-9 flexible arm, RAM-B-200-1 single socket arm, and RAM-B-202A 1/4"-20 male threaded base.



RAM-B-232-90 base with 1/4" NPT hole, RAM-PA5406 6" long pipe, RAM-B-217-1 double ball base with 1/4" NPT, RAM-B-201-1 short arm, RAM-B-201 std. arm, and 2 qty. RAM-B-237 1/4"-20 male threaded balls.