

## RALLY COMP INSTALLATION

### INSTALLATION

1. **MOUNTING:** The Rally Comp Contains 2ea. 5mmX25MM studs on the bottom that are used for mounting as many common Rally Instruments. The distance between the 5mm studs is 1.5". A slot must be provided for cables that exit the rear of the unit. (See Attached Mounting Diagram). **The RallyComp MUST be mounted on a rigid surface with Rubber Grommets that provide Vibration Isolation. The mounting nuts should be snug but not tight allowing the Rally Comp some movement under vibration or impact.**

Alternately, the unit may be Ram Mounted using 1" Ball Ram Mounts. (At Race events units will be available with a 1" Ball mounted to the base of the RallyComp. It will be the racers responsibility to provide the ball and extension arm on their race vehicle. RallyComp personnel may have a limited number of Ram Mount accessories available)

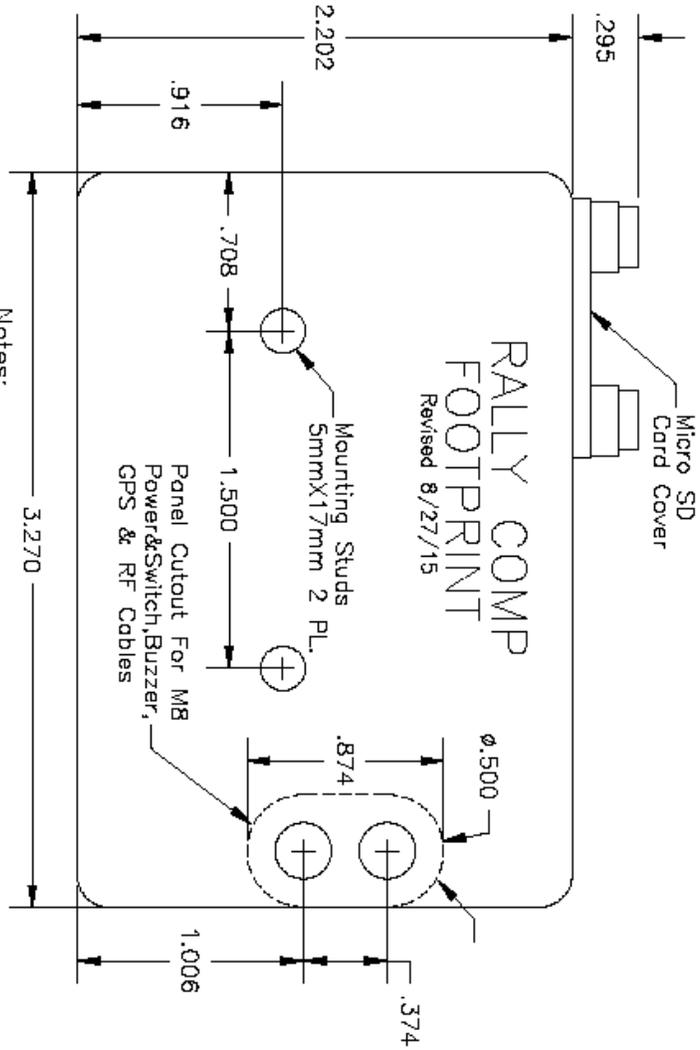
### 2. WIRING:

- a. **POWER-** The Rally is delivered with a 40" long power cable. **The cable should switched and fused with a 2-3Amp Fuse.** The Red wire is Positive 6.5-15VDC. The Black wire is ground. The Rally Comp will draw approx. 200ma depending on the supply voltage and operating mode.
- b. **GPS ANTENNA-** The antenna is 1.75"X1.75"X.5"Thick. It must be mounted in a location with a 360 degree clear view of the sky. Some form of vibration damping must be provided. A double sided foam adhesive pad works well for mounting and providing damping.
- c. **BUZZER-** The RallyComp is delivered with a buzzer on a 12" lead. The buzzer must be mounted facing directly at the Rider/Driver.(See attached Buzzer Diagram)
- d. **ALERT ANTENNA-** The Rally Comp is delivered with an Alert Antenna on a 12" lead. The antenna must be mounted in an appropriate position to allow a direct line of sight between other vehicles and the Organization Transponder. Extension cables are available for Cars/Trucks.
- e. **THUMB SWITCH-**The RallyComp may be wired to a standard Rally thumb Switch available from various suppliers. The use of the Thumb Switch is recommended but optional.

### 3. DRESSING OF CABLES:

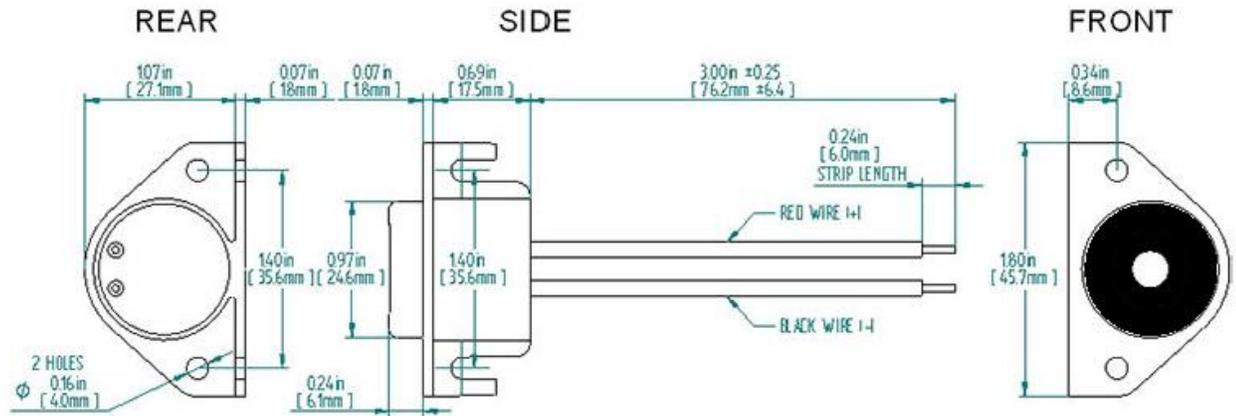
- a. There should be no cables loose or hanging.
- b. There should be no cables with tight bends in them. especially the RF and GPS cables.
- c. No wires should be pulled or pinched when moving handlebars through the full range of motion.
- d. While Holding the front brake and pushing the forks down the front brake cable must not contact any cables or the RallyComp unit. Remember that the front fork and brake cable travel up 12" when the forks are fully compressed.

# RALLY COMP FOOT PRINT



- Notes:
1. Unit must be mounted with Rubber Isolation Grommets.
  2. Minimum 3mm Gap between Rally Comp and other components.
  3. Dimensions in Inches
  4. Unit Power Cable Female MB 3Pin
  5. Unit Thumb Sw Cable Male MB 3Pin

# RALLY COMP BUZZER



TOLERANCES ARE ±0.03 in (±0.76 mm) UNLESS OTHERWISE SPECIFIED