

**Rain Master® Eagle iCentral  
Irrigation Controller  
New Product Installation Instructions**

**Low Profile Antenna**

IRRITROL PART NUMBER: 500217

Prepared by:

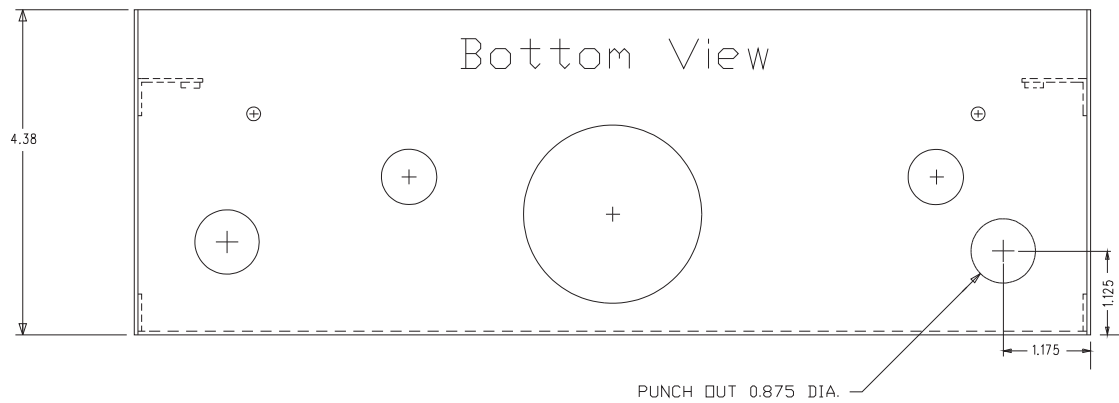
***Irritrol***®

5825 Jasmine Street  
Riverside, California 92504  
Telephone: (800) 634-TURF(8873)  
FAX: (800) 862-8676  
[www.irritrol.com](http://www.irritrol.com)

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Use the following procedure for the installation of your new RME Eagle Controller equipment:

1. Open the enclosure door to the controller and remove the lower access panel of the enclosure. Set the access panel aside.
2. Remove the controller panel from the enclosure. Remove the panel and place on a flat clean work surface.
3. Remove the antenna and the rubber grommet from the sealed package
4. If you intend to mount the antenna on the Rain Master RME Eagle enclosure, continue to next step. If you intend to mount the antenna on some other enclosure or location, then proceed to step 7.
5. On the bottom of the enclosure is a knock-out, as depicted in Figure 1 A Antenna Hole Punch Requirement. Separate the knock-out from the enclosure.
6. Using a punch and hammer drive one side of the knock-out to release it. Then use a pair of pliers to remove the knockout entirely.
7. If the antenna is to be remotely mounted, starter drill a hole for the draw stub and then punch a 0.875 hole in the surface you intend to mount the antenna on to. A similar punch hole is depicted in Figure 1 - Antenna Hole Punch Requirement



**Figure 1 - Antenna Hole Punch Requirement**

8. Insert the rubber grommet into the punched hole; see Figure 2 - Grommet Insertion.

**NOTE:** *The use of the rubber grommet is very important. The rubber grommet acts as an insulator between the metal of the enclosure and the metal of the antenna.*

***DO NOT FORGET TO INSERT THE GROMMET;  
FAILURE TO DO SO MAY DAMAGE THE  
CONTROLLER.***



**Figure 2 - Grommet Insertion**

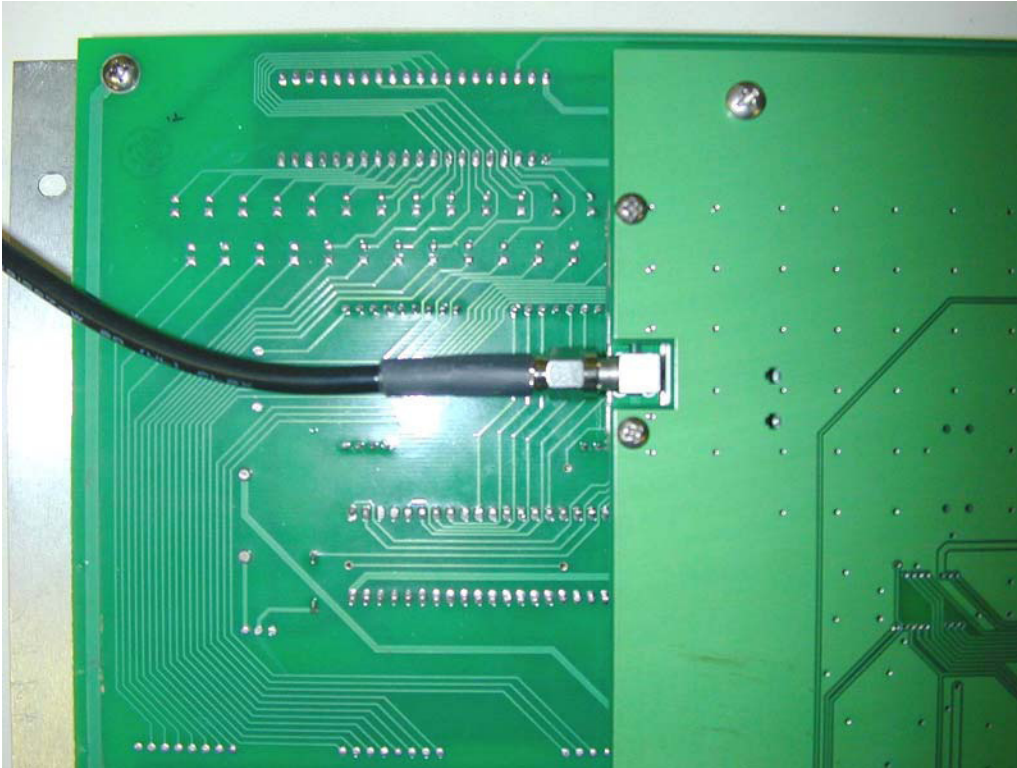
9. Insert the antenna cable through the rubber grommet and seat the antenna against the outside shoulder of the rubber grommet, see Figure 3 - Antenna Mount.



**Figure 3 - Antenna Mount**

10. Feed the antenna nut over the antenna cable and secure the antenna to the enclosure by threading the nut securely against the rubber grommet on the inside of the enclosure.

11. Connect the antenna cable to the iCentral card by screwing the cable to the board connector. See Figure 4 - iCentral Antenna Connection



**Figure 4 - iCentral Antenna Connection**

12. Reinstall the controller into the enclosure and secure the assembly.
13. Power-up the Eagle Controller.
14. Set the Time and Date of the controller.
15. Continue to press the SETUP key until the display indicates COMM OFF, press the number one (1) key, to toggle the display to COMM ON and then press ENTER.
16. The display will indicate OK and return to COMM ON. Press the QUIT key. The Eagle controller is now ready to initialize service on the Rain Master web site.

**17. Press and hold the SETUP key, then press numeric key ONE, continue to press the ONE key until the controller displays NET.**

**The display will cycle until it stabilizes at the following display;**

- a. If the modem has not been activated the controller will display “1 1 0”.**
- b. If the modem has been activated through the Rain Master website the controller will display “1 1 1”.**

18. Reinstall the lower access panel and secure the assembly

19. The installation is complete.