

# LF Exciter PVC Mounting

This document suggests a solution for mounting Elpas LF exciters. This concept uses PVC mounts for indoor Ceiling or outdoor PVC Weather proof mounts.

These are made by standard PVC pipe for irrigation or Sewer applications utilizing standard materials.

They are vandal proof (very strong) and adjustable as far a distance as required from the ceiling.



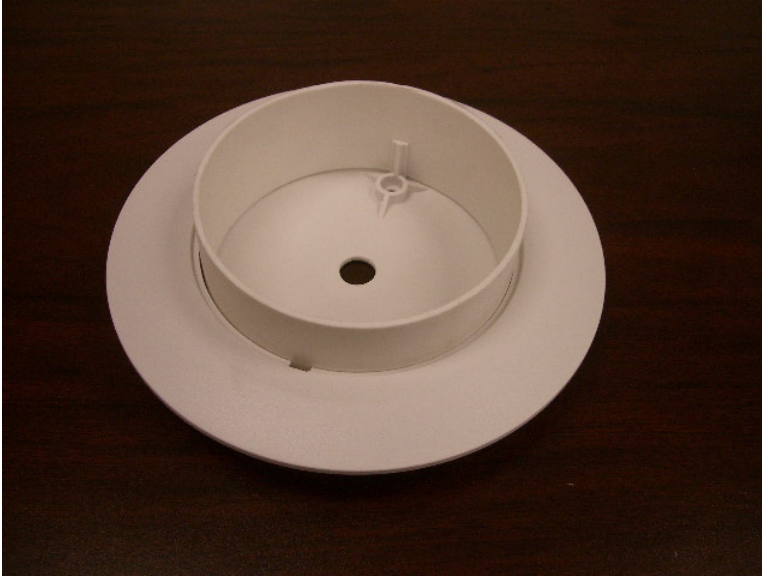
Picture above shows all the parts disassembled.

Top Left: Reader Base

Top Right: 4" end PVC cap irrigation pipe ( fits perfectly the Reader electronics, inside Diameter) and around the 4" drain cap (cut in half)

Bottom left: 4" SS-PVC-Sewer pipe thin wall ASTM-D-2729 (section 2" cut fits perfectly the reader base)

Bottom Right: 4" Drain Cap PVC 25C (cut in half)



Step 1 of assembly (This ring allows to interface with the reader base)



Step 2 of assembly (this ring dictates the distance from the ceiling)



Step 3 of assembly (you can put the entire electronics and plastic inside the cap)  
Outer diameter of plastic = inner diameter of PVC cap (perfect fit)



Step 4 of assembly (finished product indoor)  
You can use either two self tapping screws or Glue to keep it together)  
This setup is used in elevators or where we need to be few inches away from metal.



Finished product Outdoor. with conduit nipple to attache to electrical box.