

### **Precaution Measures while providing PA System**

- Don't run the PA cables along with electrical wires.
- Don't keep the Mic in front of Loud speakers.
- Check the working frequency of Cordless Transmitter and Receiver before put in use.
- Don't keep the mic on vibrating surface.
- Give earth connection to the amplifiers.
- Don't blow the mic while testing.
- Mic should be stored in dust free boxes.
- In 25 kV ac electrified areas, cables with their shields earthed must be used, if electromagnetic induction is anticipated.
- The plugs and sockets for loudspeaker connections should be of a type that cannot be easily or accidentally inserted in electric or power circuits.
- The speaker cable should be twin core rubber or PVC insulated wire rating of 250 Volts. In a RE Area, length of parallelism between Catenary wire and PA Cable should be within 1.2 KM. The minimum length between catenary wire and PA Wire should be 5 Metre and the Screened cable should be earthed.