

1. When RF interference causes speech to be heard from a loudspeaker, what component is doing the demodulation?
2. What is "common mode" current on a twin-wire cable?
3. What is "differential mode" current on a twin-wire cable?
4. Why does a ferrite ring around both wires block RF interference but not affect audio?
5. Where should RF filters be placed relative to the affected device?
6. Why is placing a ferrite at the loudspeaker end less effective than at the amplifier end?