

# Sound System Design 1

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**See the much-improved Design 3, which obsoletes this.**

I designed a sound system to meet the following requirements:

- Designed especially for speech, with tailored signal compression.
- With complete user manual provided for users who are not audio professionals (see manual PDF below).
- Engineered to minimize single points of failure with a fully isolated emergency signal path and a uninterruptible (battery backup) power supply.
- Performs automatic room equalization using pink noise and a target curve.

User manual (PDF)



Figure 1: Front cover removed



Figure 2: Rear cover removed